The Weblate Manual

Versión 4.3.2

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Documentación para usuarios

CAPÍTULO 1

Documentación para usuarios

1.1 Fundamentos de Weblate

1.1.1 Estructura de los proyectos

In Weblate translations are organized into projects and components. Each project can contain number of components and those contain translations into individual languages. The component corresponds to one translatable file (for example *GNU gettext* or *Recursos de cadenas de Android*). The projects are there to help you organize component into logical sets (for example to group all translations used within one application).

Internally, each project has translations to common strings propagated across other components within it by default. This lightens the burden of repetitive and multi version translation. Disable it as per *Configuración de componentes*, still producing errors for seemingly inconsistent resulting translations.

1.2 Registro y perfil de usuario

1.2.1 Registro

Everybody can browse projects, view translations or suggest translations by default. Only registered users are allowed to actually save changes, and are credited for every translation made.

You can register by following a few simple steps:

1. Fill out the registration form with your credentials.
2. Activate registration by following the link in the e-mail you receive.
3. Optionally adjust your profile to choose which languages you know.

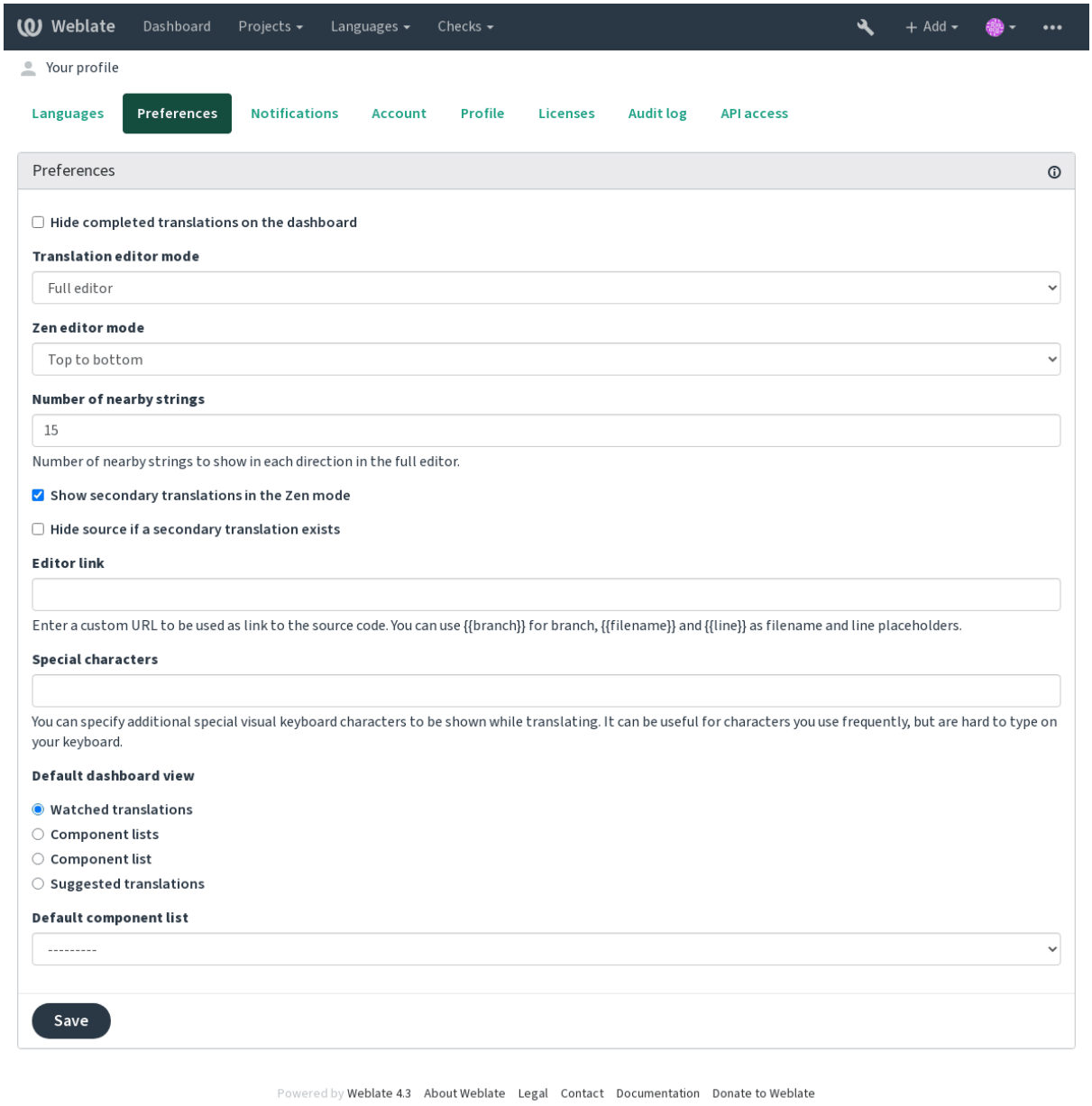
1.2.2 Cuadro de mando

When you sign in, you will see an overview of projects and components, as well as their respective translation progression.

Nuevo en la versión 2.5.

De manera predeterminada se muestran los componentes de los proyectos que monitoriza, así como enlaces directos en las lenguas preferidas que haya establecido.

Consejo: You can switch to different views using the navigation tabs.



The menu has these options:

- *Projects > Browse all projects* in the main menu showing translation status for each project on the Weblate instance.
- Selecting a language in the main menu *Languages* will show translation status of all projects, filtered by one of your primary languages.

- *Watched translations* in the Dashboard will show translation status of only those projects you are watching, filtered by your primary languages.

In addition, the drop-down can also show any number of *component lists*, sets of project components preconfigured by the Weblate administrator, see *Listas de componentes*.

You can configure your personal default dashboard view in the *Preferences* section of your user profile settings.

Nota: When Weblate is configured for a single project using `SINGLE_PROJECT` in the `settings.py` file (see *Configuración*), the dashboard will not be shown, as the user will be redirected to a single project or component instead.

1.2.3 Perfil de usuario

Para acceder a su perfil de usuario, pulse en el icono de su cuenta en el extremo derecho del menú superior y, en el menú, elija *Configuración*.

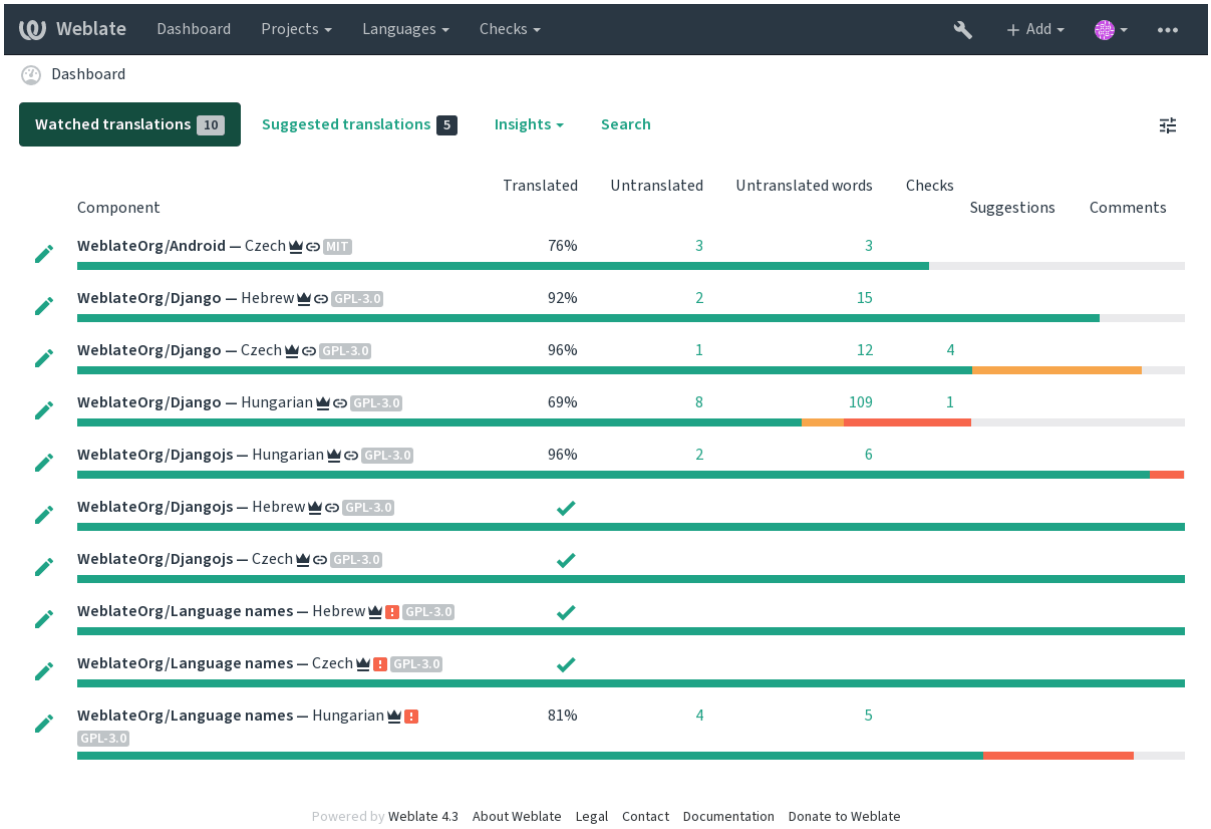
El perfil de usuario contiene sus preferencias. El nombre y la dirección de correo electrónico se utilizan para las consignas de los sistemas de control de versiones, de modo que mantenga estos datos al día.

Nota: All language selections only offer currently translated languages.

Consejo: Request or add other languages you want to translate by clicking the button to make them available too.

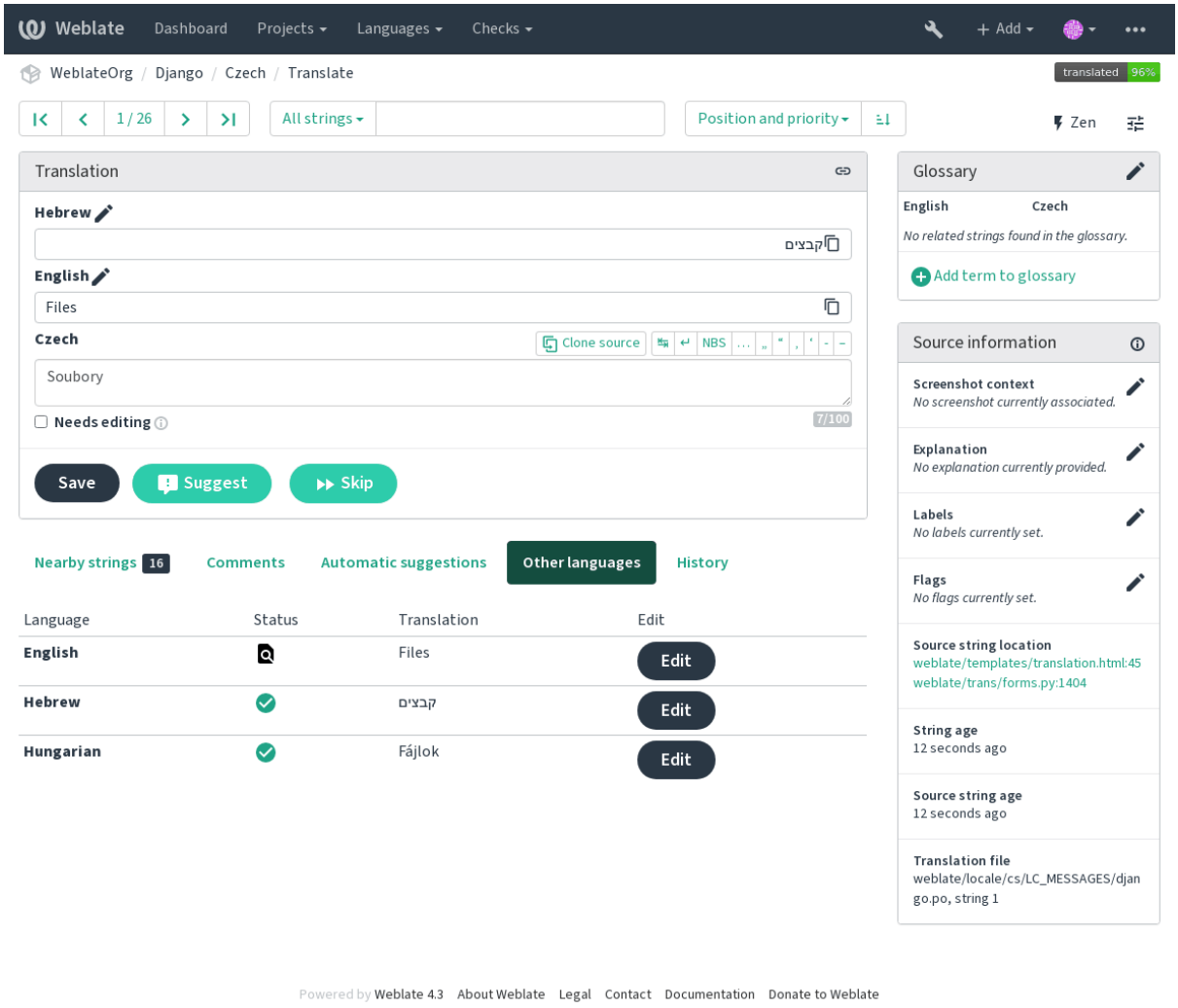
Idiomas traducidos

Elija los idiomas en los que prefiera traducir y se le ofrecerán en la página principal de los proyectos supervisados, de tal modo que se le facilite el acceso a las traducciones en esos idiomas.



Idiomas secundarios

Puede definir qué idiomas secundarios mostrar para que le sirvan de guía al traducir. La siguiente imagen muestra un ejemplo, en el cual la lengua hebrea se muestra como secundaria:



Vista predeterminada del cuadro de mando

On the *Preferences* tab, you can pick which of the available dashboard views to present by default. If you pick the *Component list*, you have to select which component list will be displayed from the *Default component list* drop-down.

Ver también:

Listas de componentes

Perfil público

Todos los campos de esta página son opcionales, en cualquier momento puede eliminarlos, y si los rellena, consiente que compartamos esta información allá donde aparezca su perfil de usuario.

Avatar can be shown for each user (depending on `ENABLE_AVATARS`). These images are obtained using https://gravatar.com/.

Enlace del editor

A source code link is shown in the web-browser configured in the *Configuración de componentes* by default.

Consejo: By setting the *Editor link*, you use your local editor to open the VCS source code file of translated strings. You can use *Template markup*.

Usually something like `editor://open/?file={{filename}}&line={{line}}` is a good option.

Ver también:

You can find more info on registering custom URL protocols for the editor in the Nette documentation.

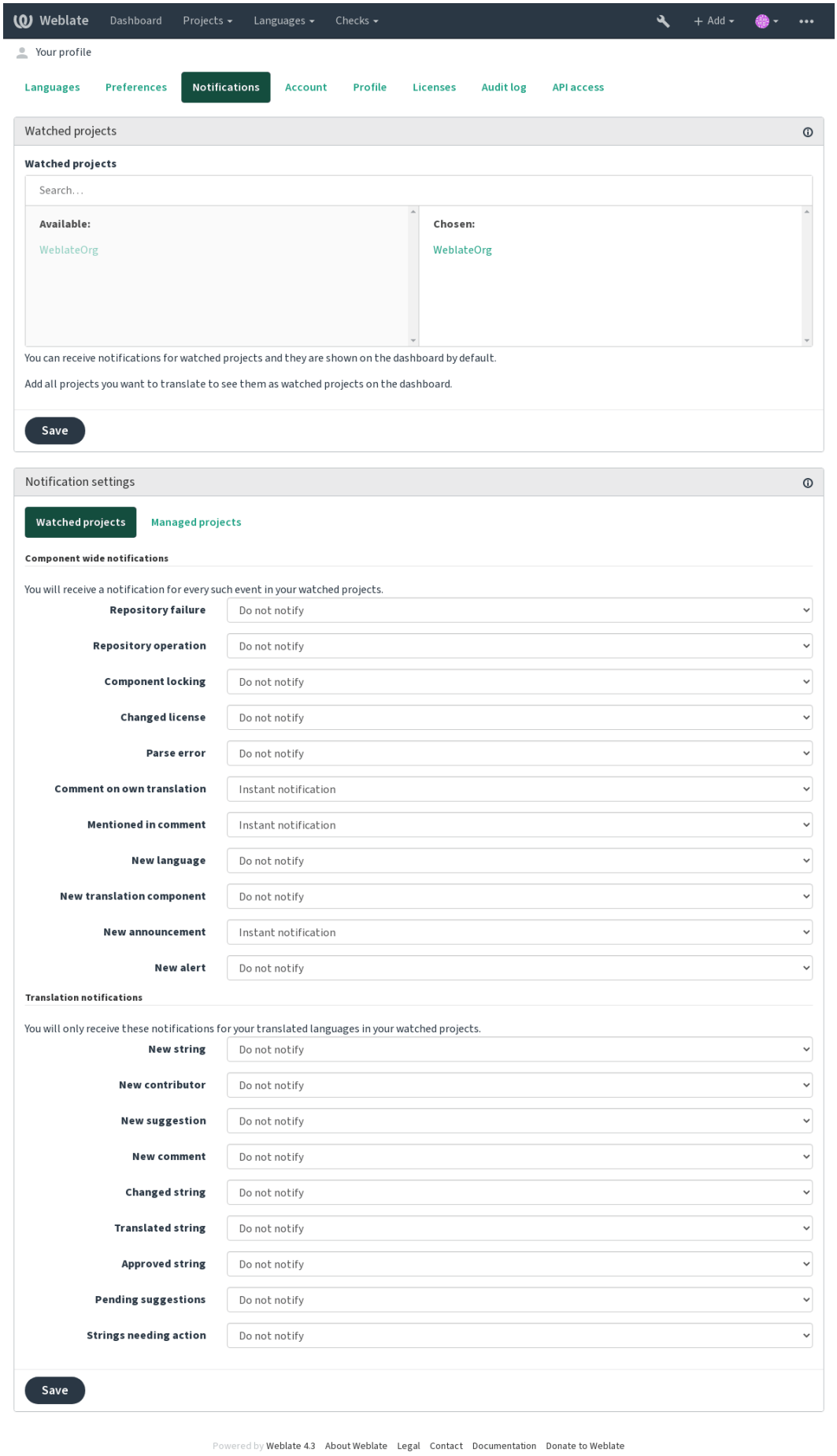
1.2.4 Notificaciones

Subscribe to various notifications from the *Notifications* tab. Notifications for selected events on watched or administered projects will be sent to you per e-mail.

Some of the notifications are sent only for events in your languages (for example about new strings to translate), while some trigger at component level (for example merge errors). These two groups of notifications are visually separated in the settings.

You can toggle notifications for watched projects and administered projects and it can be further tweaked (or muted) per project and component. Visit the component page and select appropriate choice from the *Watching* menu.

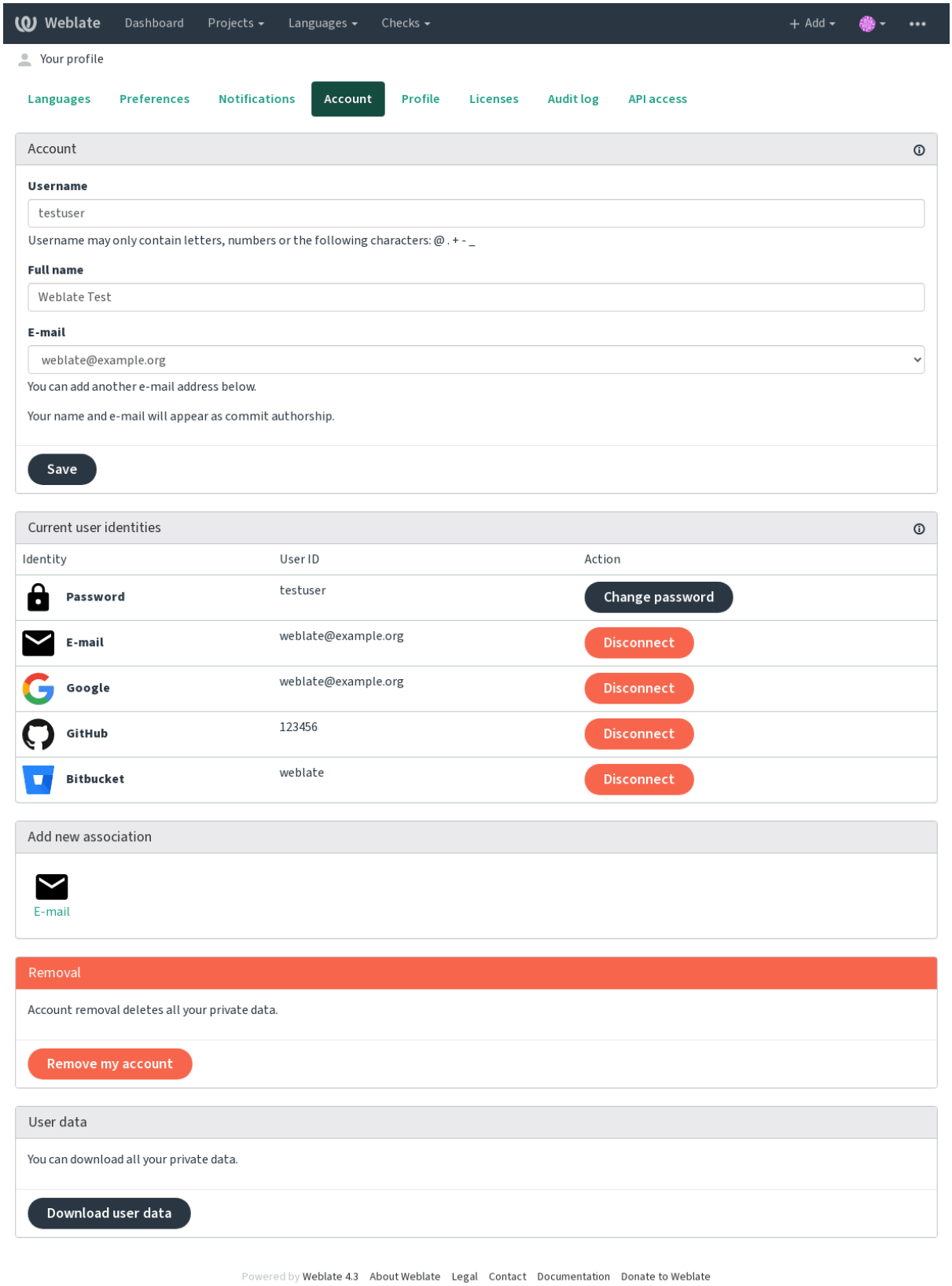
Nota: No recibirá ninguna notificación por sus propias acciones.


Weblate
Dashboard
Projects
Languages
Checks
Add
Your profile
Languages
Preferences
Notifications
Account
Profile
Licenses
Audit log
API access
Watched projects
Watched projects
Search...
Available:
WeblateOrg
Chosen:
WeblateOrg
You can receive notifications for watched projects and they are shown on the dashboard by default.
Add all projects you want to translate to see them as watched projects on the dashboard.
Save
Notification settings
Watched projects
Managed projects
Component wide notifications
You will receive a notification for every such event in your watched projects.
Repository failure
Do not notify
Repository operation
Do not notify
Component locking
Do not notify
Changed license
Do not notify
Parse error
Do not notify
Comment on own translation
Instant notification
Mentioned in comment
Instant notification
New language
Do not notify
New translation component
Do not notify
New announcement
Instant notification
New alert
Do not notify
Translation notifications
You will only receive these notifications for your translated languages in your watched projects.
New string
Do not notify
New contributor
Do not notify
New suggestion
Do not notify
New comment
Do not notify
Changed string
Do not notify
Translated string
Do not notify
Approved string
Do not notify
Pending suggestions
Do not notify
Strings needing action
Do not notify
Save
Powered by Weblate 4.3
About Weblate
Legal
Contact
Documentation
Donate to Weblate

1.2.5 Cuenta

The *Account* tab lets you set up basic account details, connect various services you can use to sign in into Weblate, completely remove your account, or download your user data (see *Weblate user data export*).

Nota: The list of services depends on your Weblate configuration, but can be made to include popular sites such as GitLab, GitHub, Google, Facebook, or Bitbucket or other OAuth 2.0 providers.


Weblate
Dashboard
Projects
Languages
Checks
Add
Your profile
Languages
Preferences
Notifications
Account
Profile
Licenses
Audit log
API access
Account
Username
testuser
Username may only contain letters, numbers or the following characters: @ . + - _
Full name
Weblate Test
E-mail
weblate@example.org
You can add another e-mail address below.
Your name and e-mail will appear as commit authorship.
Save
Current user identities
Identity
User ID
Action
Password
testuser
Change password
E-mail
weblate@example.org
Disconnect
Google
weblate@example.org
Disconnect
GitHub
123456
Disconnect
Bitbucket
weblate
Disconnect
Add new association
E-mail
Removal
Account removal deletes all your private data.
Remove my account
User data
You can download all your private data.
Download user data
Powered by Weblate 4.3
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Contact
Documentation
Donate to Weblate

1.2.6 Registro de auditoría

Audit log keeps track of the actions performed with your account. It logs IP address and browser for every important action with your account. The critical actions also trigger a notification to a primary e-mail address.

Ver también:

Running behind reverse proxy

1.3 Traducir con Weblate

Thank you for interest in translating using Weblate. Projects can either be set up for direct translation, or by way of accepting suggestions made by users without accounts.

Overall, there are two modes of translation:

- El proyecto acepta traducciones directas
- El proyecto acepta solo sugerencias, las cuales se validan automáticamente tras recibir una cantidad de votos determinada

Please see *Flujos de trabajo de traducción* for more information on translation workflow.

Opciones de visibilidad de los proyectos de traducción:

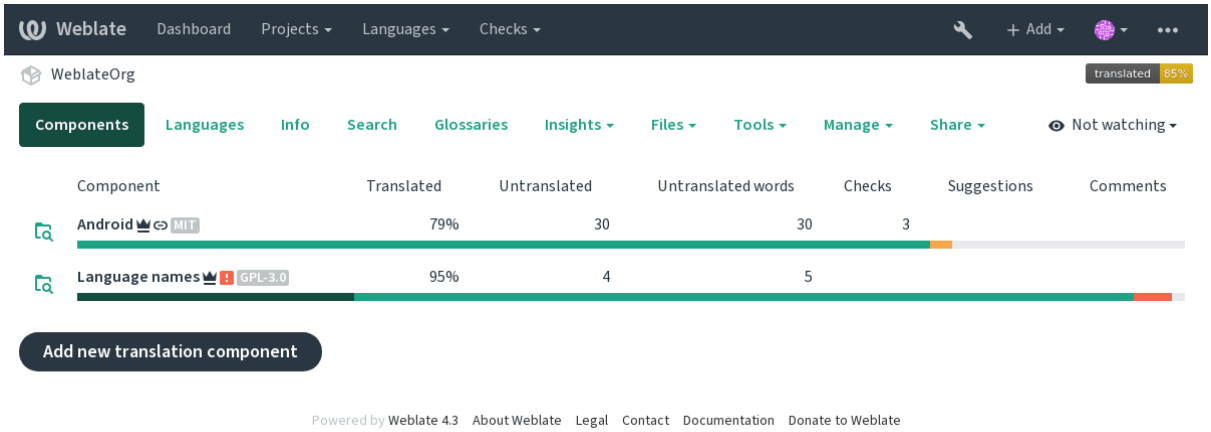
- Visible públicamente y cualquiera puede contribuir
- Visible solo a un grupo determinado de traductores

Ver también:

Control de acceso, *Flujos de trabajo de traducción*

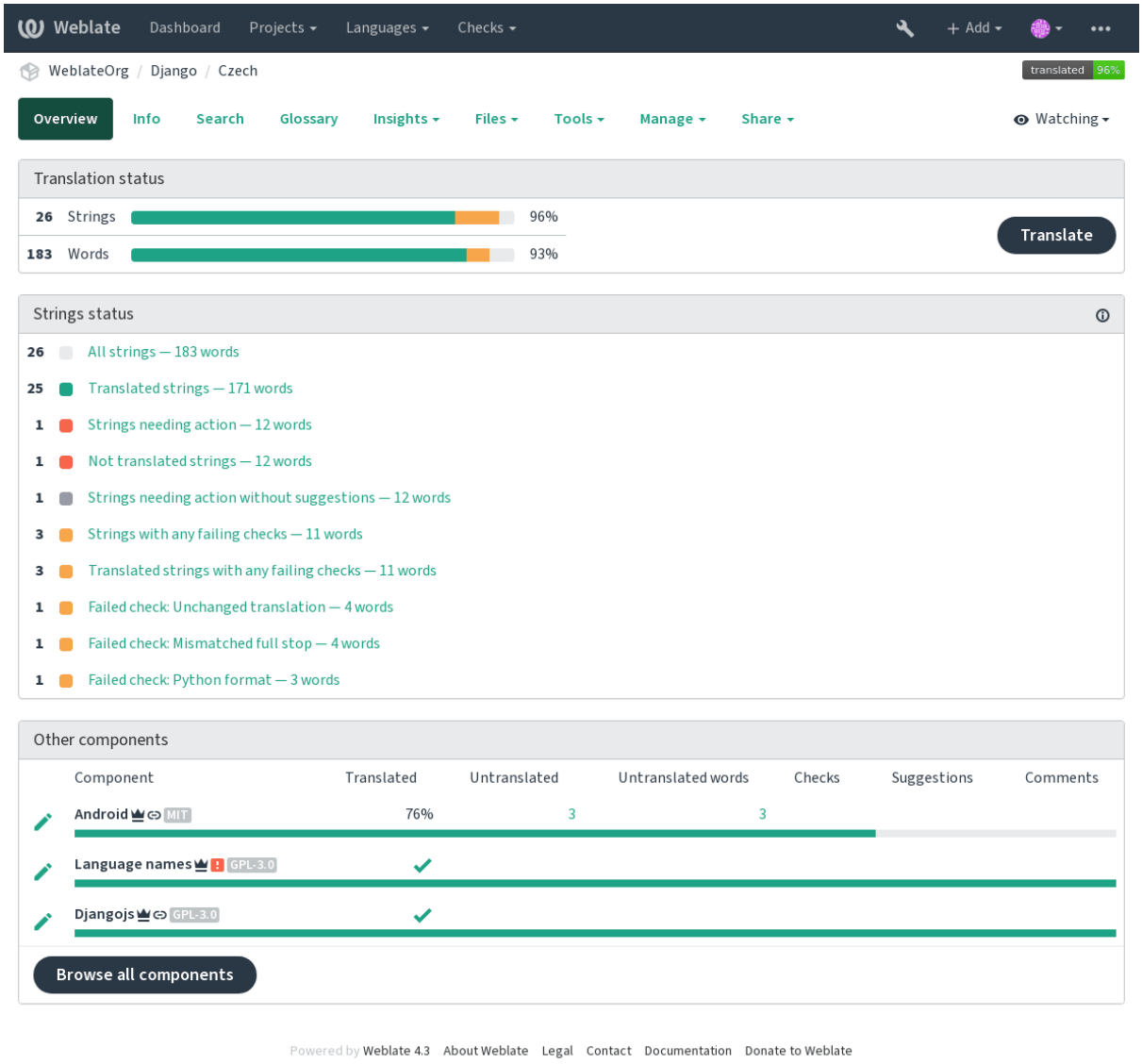
1.3.1 Proyectos de traducción

Translation projects hold related components, related to the same software, book, or project.



1.3.2 Enlaces de traducción

Having navigated to a component, a set of links lead to actual translation. The translation is further divided into individual checks, like *Not translated strings* or *Strings needing action*. If the whole project is translated, without error, *All strings* is still available. Alternatively you can use the search field to find a specific string or term.



1.3.3 Sugerencias

Nota: Actual permissions might vary depending on your Weblate configuration.

Anonymous users can only (if permitted) forward suggestions. Doing so is still available to signed in users, in cases where uncertainty about the translation arises, which will prompt another translator to review it.

The suggestions are scanned on a daily basis to remove duplicate ones or suggestions that match the current translation.

1.3.4 Comentarios

The comments can be posted in two scopes - source string or translation. Choose the one which matches the topic you want to discuss. The source string comments are good for providing feedback on the original string, for example that it should be rephrased or it is confusing.

You can use Markdown syntax in the comments and mention other users using `@mention`.

1.3.5 Variantes

Variants are used to group variants of the string in different lengths. The frontend can use different strings depending on the screen or window size.

Ver también:

Variantes de cadenas

1.3.6 Etiquetas

Labels are used to categorize strings within a project. These can be used to further customize the localization workflow, for example to define categories of strings.

Ver también:

Etiquetas de cadena

1.3.7 Traducción

On the translation page, the source string and an edit area for translating are shown. Should the translation be plural, multiple source strings and edit areas are shown, each described and labeled in plural form.

All special whitespace characters are underlined in red and indicated with grey symbols. More than one subsequent space is also underlined in red to alert the translator to a potential formatting issue.

Various bits of extra information can be shown on this page, most of which coming from the project source code (like context, comments or where the message is being used). When you choose secondary languages in your preferences, translation to these languages will be shown (see *Idiomas secundarios*) above the source string.

Debajo de la traducción se mostrarán cualesquier sugerencias que otros hicieren, las cuales puede aceptar, aceptar con modificaciones o eliminar.

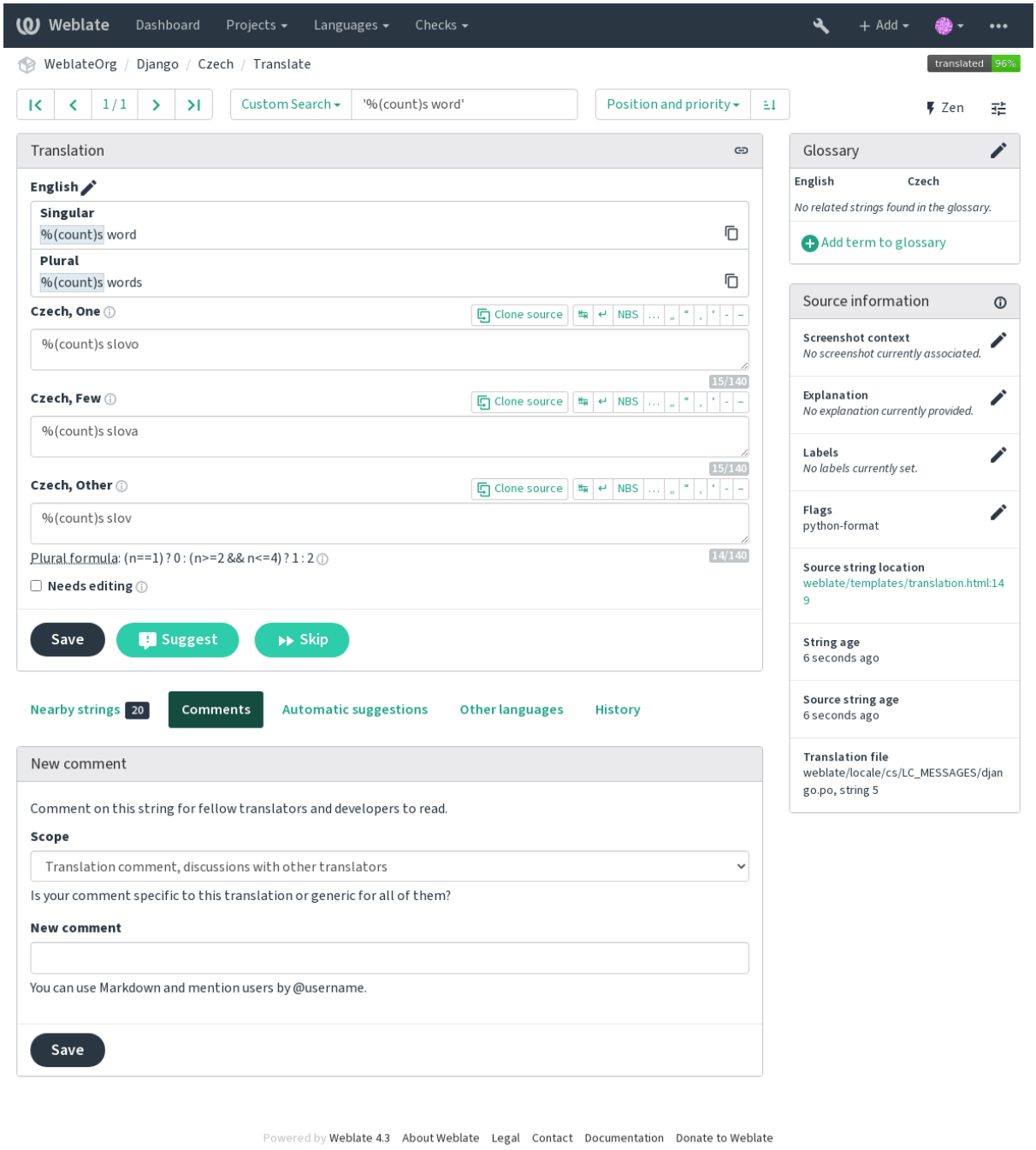
Plurales

Las palabras que cambian de forma para indicar su designación de número se denominan plurales. Cada lengua tiene su propia definición de plurales. El español, por ejemplo, admite un plural. En la definición singular de, por ejemplo, «automóvil», se hace referencia implícita a un único automóvil; en la definición plural, «automóviles», se hace referencia a dos o más automóviles, o bien, al concepto de automóviles sustantivado. En lenguas como el checo y el árabe existen más plurales; además, las reglas de pluralización que emplean también difieren.

Weblate has full support for each of these forms, in each respective language by translating every plural separately. The number of fields and how it is used in the translated application depends on the configured plural formula. Weblate shows the basic information, but you can find a more detailed description in the Language Plural Rules by the Unicode Consortium.

Ver también:

Fórmula de plurales



Atajos de teclado

Distinto en la versión 2.18: Se han renovado los atajos de teclado en la versión 2.18 para hacer menos probable que entren en conflicto con los atajos predeterminados del navegador o del sistema.

Los atajos de teclado siguientes pueden utilizarse durante la traducción:

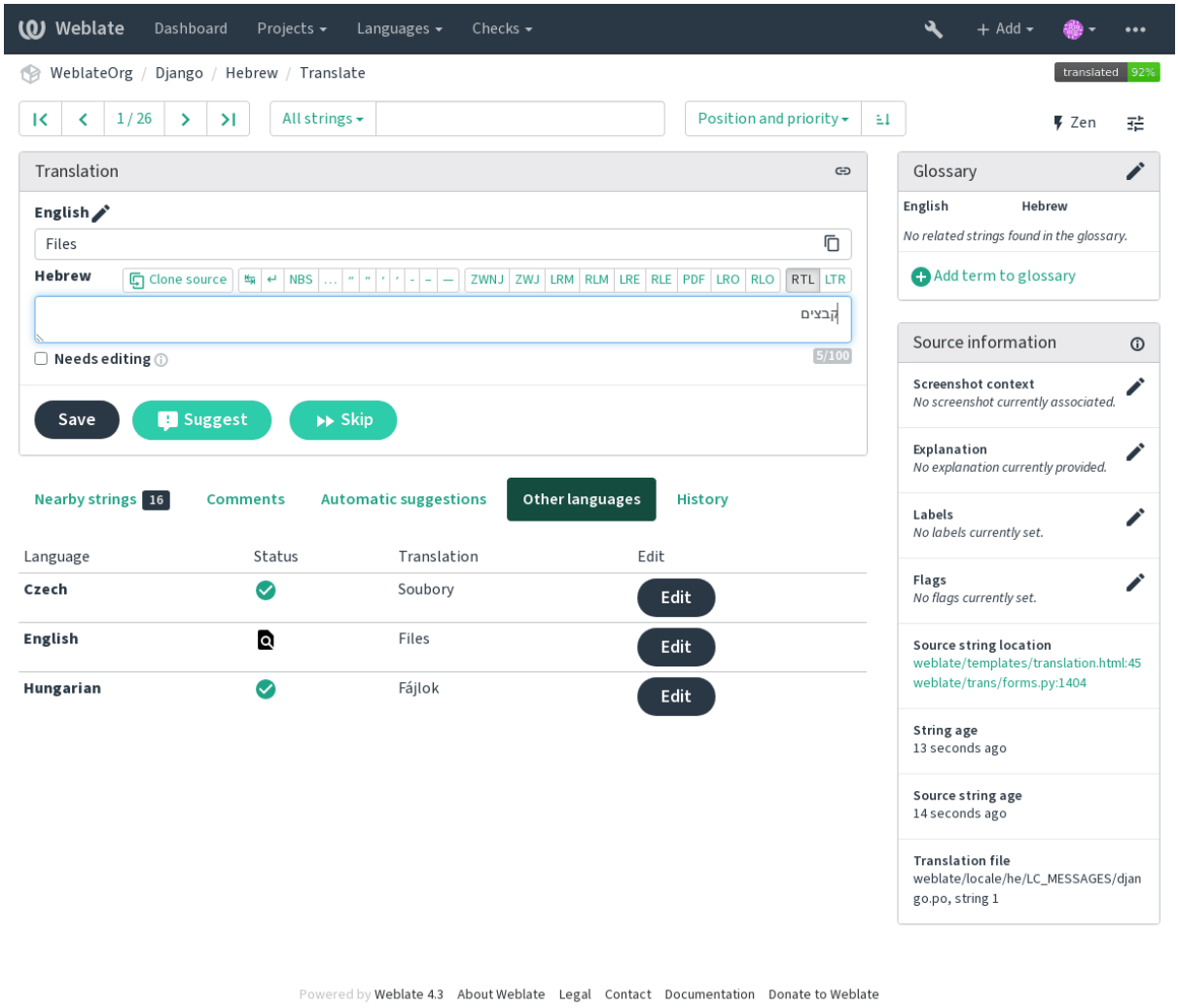
Keyboard shortcut	Descripción
`Alt Home`	Navegar a la primera traducción de la búsqueda actual.
`Alt Home`	Navegar a la primera traducción de la búsqueda actual.
`Alt End`	Navegar a la última traducción de la búsqueda actual.
`Alt PageUp` or `Ctrl ↑` or `Alt ↑` or `Cmd ↑`	Navegar a la traducción anterior de la búsqueda actual.
`Alt PageDown` or `Ctrl ↓` or `Alt ↓` or `Cmd ↓`	Navegar a la traducción siguiente de la búsqueda actual.
`Alt Enter` or `Ctrl Enter` or `Cmd Enter`	Guardar la traducción actual.
`Ctrl Shift Enter` or `Cmd Shift Enter`	Unmarks translation as fuzzy and submits it.
`Ctrl E` or `Cmd E`	Focus translation editor.
`Ctrl U` or `Cmd U`	Focus comment editor.
`Ctrl M` or `Cmd M`	Shows *Automatic suggestions* tab, see *Sugerencias automáticas*.
`Ctrl 1` to `Ctrl 9` or `Cmd 1` to `Cmd 9`	Copies placeable of given number from source string.
`Ctrl M 1` to `9` or `Cmd M 1` to `9`	Copy the machine translation of given number to current translation.
`Ctrl I 1` to `9` or `Cmd I 1` to `9`	Ignorar un elemento en la lista de comprobaciones fallidas.
`Ctrl J` or `Cmd J`	Muestra la pestaña *Cadenas cercanas*.
`Ctrl S` or `Cmd S`	Focuses search field.
`Ctrl O` or `Cmd O`	Copies source string.
`Ctrl Y` or `Cmd Y`	Toggles the *Needs editing* flag.

Visual keyboard

A small visual keyboard is shown just above the translation field. This can be useful for typing characters not usually found or otherwise hard to type.

The shown symbols factor into three categories:

- User configured characters defined in the *Perfil de usuario*
- Per-language characters provided by Weblate (e.g. quotes or RTL specific characters)
- Characters configured using `SPECIAL_CHARS`



Translation context

This contextual description provides related information about the current string.

String attributes Things like message ID, context (`msgctxt`) or location in source code.

Capturas de pantalla Screenshots can be uploaded to Weblate to better inform translators of where and how the string is used, see *Contexto visual para cadenas*.

Cadenas cercanas Displays neighbouring messages from the translation file. These are usually also used in a similar context and prove useful in keeping the translation consistent.

Otras ocurrencias In case a message appears in multiple places (e.g. multiple components), this tab shows all of them if they are found to be inconsistent (see *Incoherente*). You can choose which one to use.

Memoria de traducción Look at similar strings translated in past, see Memory Management.

Glosario Displays terms from the project glossary used in the current message.

Cambios recientes List of people whom have changed this message recently using Weblate.

Proyecto Project information like instructions for translators, or information about its version control system repository.

If the translation format supports it, you can also follow supplied links to respective source code containing each source string.

Translation history

Every change is by default (unless turned off in component settings) saved in the database, and can be reverted. Optionally one can still also revert anything in the underlying version control system.

Translated string length

Weblate puede limitar la longitud de la traducción de varias formas para garantizar que la cadena traducida no sea demasiado extensa:

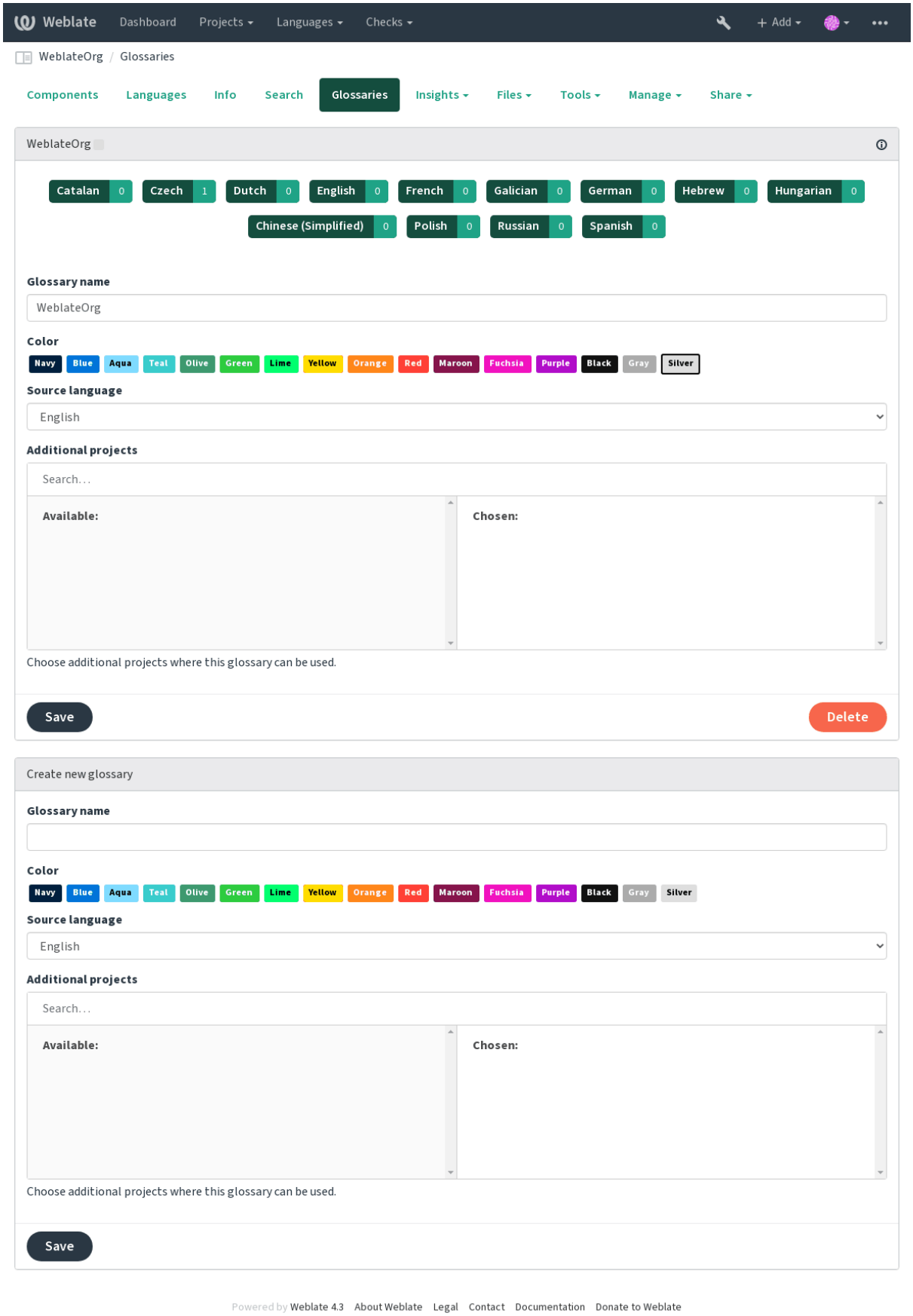
- The default limitation for translation is ten times longer than source string. This can be turned off by `LIMIT_TRANSLATION_LENGTH_BY_SOURCE_LENGTH`. In case you are hitting this, it might be also caused by monolingual translation being configured as bilingual, making Weblate see translation key as source string instead of the actual source string. See *Formatos bilingües y monolingües* for more info.
- Maximal length in characters defined by translation file or flag, see *Longitud máxima de la traducción*.
- Maximal rendered size in pixels defined by flags, see *Tamaño máximo de la traducción*.

1.3.8 Glosario

Each project can have an assigned glossary for any language as a shorthand for storing terminology. Consistency is more easily maintained this way. Terms from the currently translated string can be displayed in the bottom tabs.

Gestionar glosarios

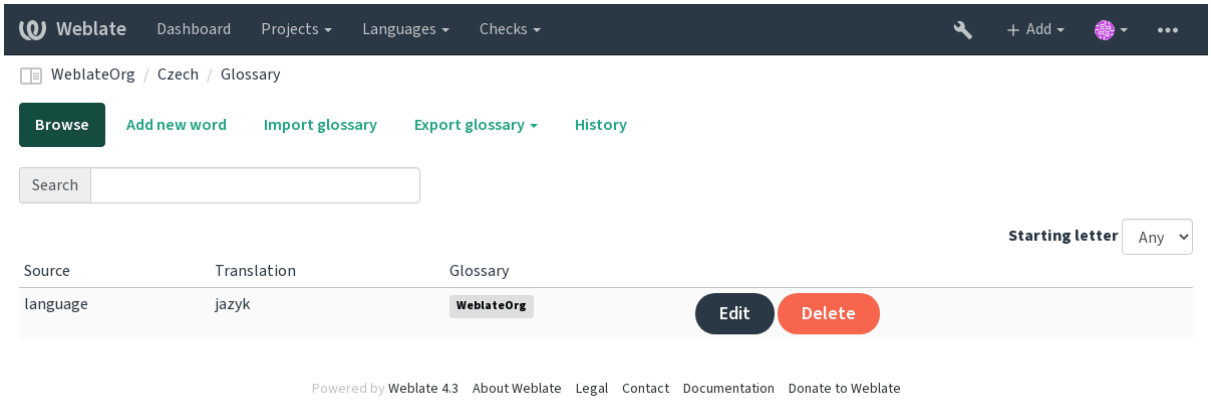
On the *Glossaries* tab of each project page, you can edit existing glossaries.



An empty glossary for a given project is automatically created when project is created. Glossaries are shared among all components of the same project and you can also choose to share them with another projects. You can do this only

for projects you can administer.

On this list, you can choose which glossary to manage (all languages used in the current project are shown). Following one of the language links will lead you to a page which can be used to edit, import or export the selected glossary, or view the edit history:



1.3.9 Sugerencias automáticas

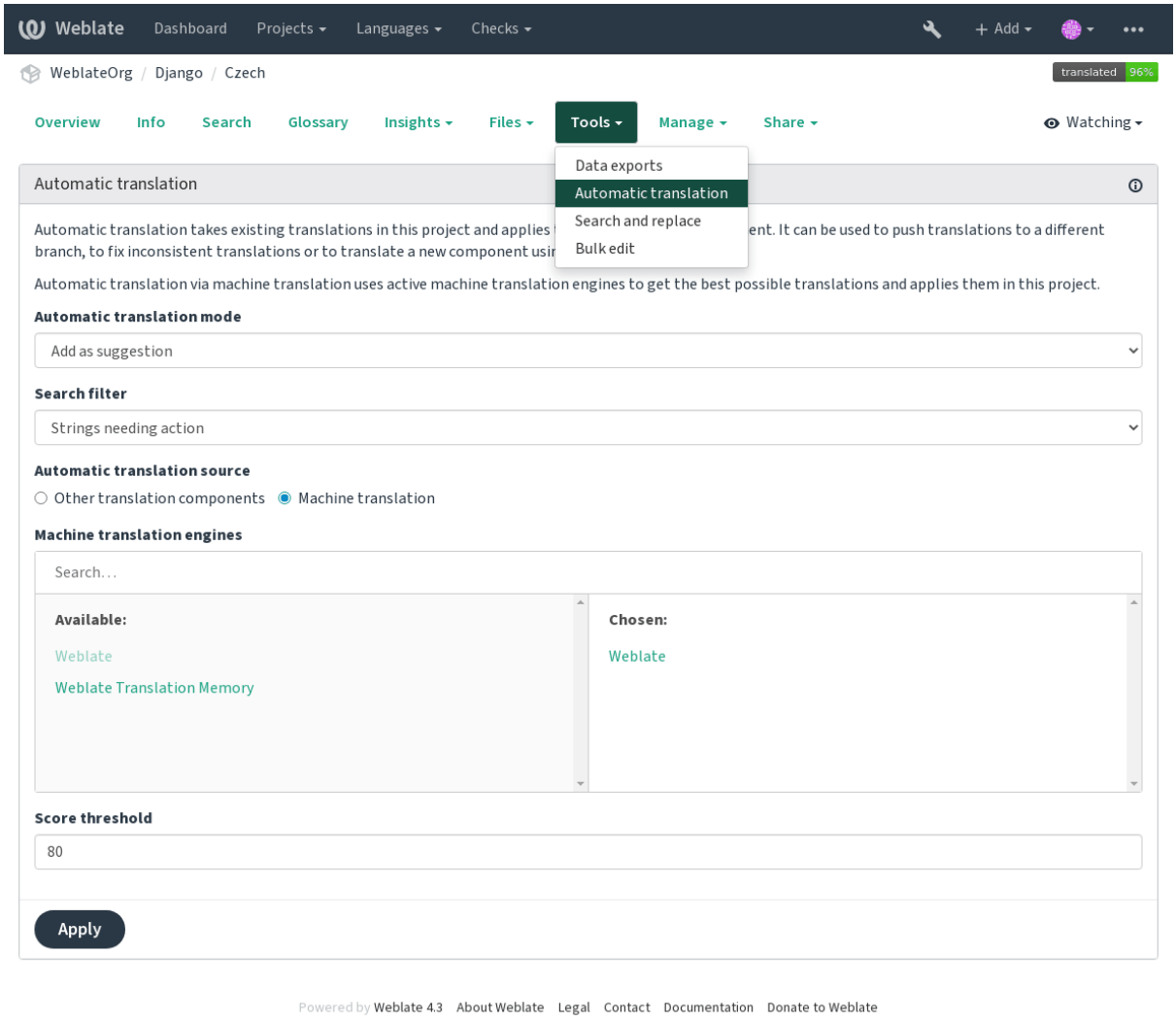
Based on configuration and your translated language, Weblate provides you suggestions from several machine translation tools and *Memoria de traducción*. All machine translations are available in a single tab of each translation page.

Ver también:

You can find the list of supported tools in *Traducción automática*.

1.3.10 Traducción automática

You can use automatic translation to bootstrap translation based on external sources. This tool is called *Automatic translation* accessible in the *Tools* menu, once you have selected a component and a language:



Two modes of operation are possible:

- Using other Weblate components as a source for translations.
- Using selected machine translation services with translations above a certain quality threshold.

You can also choose which strings are to be auto-translated.

> **Advertencia:** Be mindful that this will overwrite existing translations if employed with wide filters such as *All strings*.

Useful in several situations like consolidating translation between different components (for example website and application) or when bootstrapping translation for a new component using existing translations (translation memory).

Ver también:

Mantener iguales las traducciones entre los componentes

1.3.11 Rate limiting

To avoid abuse of the interface, there is rate limiting applied to several operations like searching, sending contact form or translating. In case you are hit by this, you are blocked for a certain period until you can perform the operation again.

The default limits are described in the administrative manual in *Rate limiting*, but can be tweaked by configuration.

1.3.12 Edición en masa

Bulk edit allows you to perform operation on number of strings. You define search strings and operation to perform and all matching strings are updated. Following operations are supported:

- Changing string state (for example to approve all strings waiting for review)
- Adjust translation flags (see *Personalizar el comportamiento*)
- Adjust string labels (see *Etiquetas de cadena*)

Consejo: This tool is called *Bulk edit* accessible in the *Tools* menu for each project, component or translation.

Ver también:

Bulk edit addon

1.4 Descargar y cargar traducciones

You can export files from a translation, make changes, and import them again. This allows working offline, and then merging changes back into the existing translation. This works even if it has been changed in the meantime.

Nota: The available options might be limited by *Control de acceso*.

1.4.1 Descargar traducciones

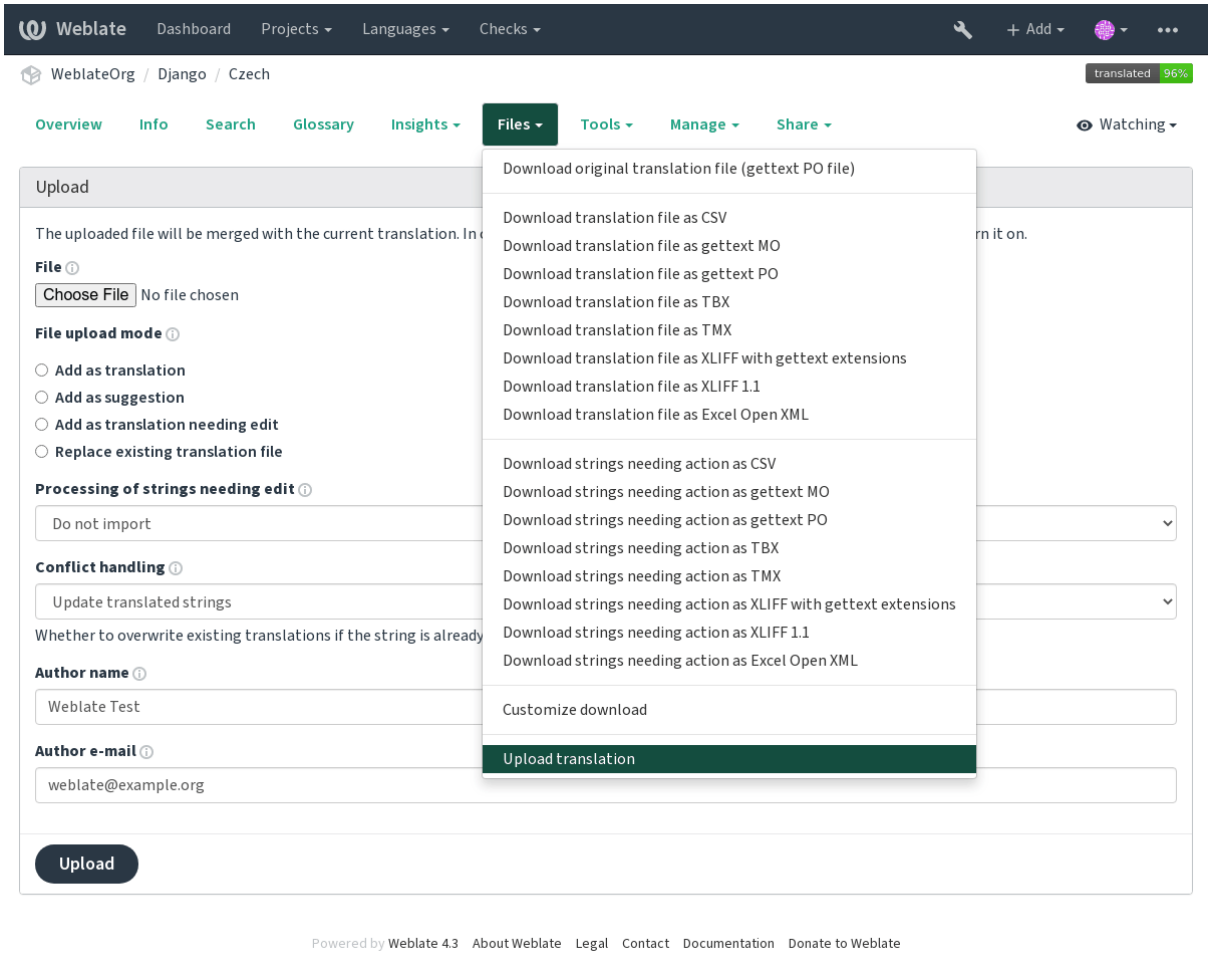
From the project or component dashboard, translatable files can be downloaded using the *Download original translation file* in the *Files* menu, producing a copy of the original file as it is stored in the upstream Version Control System.

You can also download the translation converted into one of widely used localization formats. The converted files will be enriched with data provided in Weblate such as additional context, comments or flags.

Several file formats are available, including a compiled file to use in your choice of application (for example `.mo` files for GNU Gettext) using the *Files* menu.

1.4.2 Cargar traducciones

When you have made your changes, use *Upload translation* in the *Files* menu.



Formatos de archivo admitidos

Any file in a supported file format can be uploaded, but it is still recommended to use the same file format as the one used for translation, otherwise some features might not be translated properly.

Ver también:

Formatos de archivo admitidos

The uploaded file is merged to update the translation, overwriting existing entries by default (this can be turned off or on in the upload dialog).

Métodos de importación

Estas son las elecciones presentadas al cargar archivos de traducción:

Añadir como traducción (`translate`) Las traducciones importadas se añaden como traducciones adicionales. Este constituye el caso de uso más común y es el comportamiento predeterminado.

Añadir como sugerencia (`suggest`) Las traducciones importadas se añaden como sugerencias. Recomendado si quiere que otros revisen lo que se ha cargado.

Añadir como traducción que requiere edición (`fuzzy`) Imported translations are added as translations needing edit. This can be useful when you want translations to be used, but also reviewed.

Reemplazar archivo de traducción existente (`replace`) Existing file is replaced with new content. This can lead to loss of existing translations, use with caution.

Actualizar cadenas de origen (`source`) Updates source strings in bilingual translation file. This is similar to what *Actualizar archivos PO para que coincidan con POT (msgmerge)* does.

Ver también:

`POST /api/translations/(string:project)/(string:component)/(string:language)/file/`

Conflicts handling

Defines how to deal with uploaded strings which are already translated.

Strings needing edit

There is also an option for how to handle strings needing edit in the imported file. Such strings can be handle in one of the three following ways: «Do not import», «Import as string needing edit», or «Import as translated».

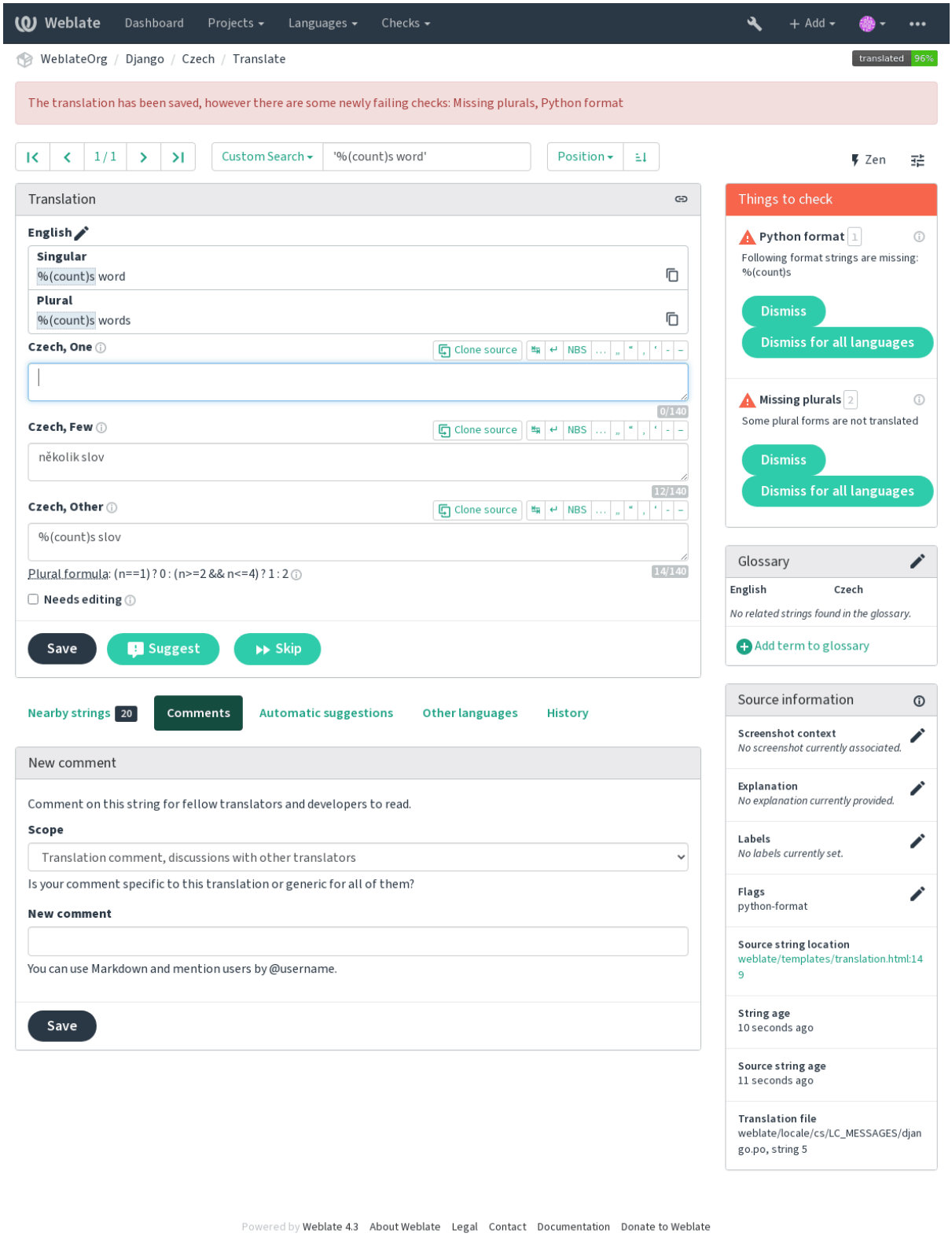
Overriding authorship

With admin permissions, you can also specify authorship of uploaded file. This can be useful in case you've received the file in another way and want to merge it into existing translations while properly crediting the actual author.

1.5 Comprobaciones y correcciones

The quality checks help catch common translator errors, ensuring the translation is in good shape. The checks can be ignored in case of false positives.

Once submitting a translation with a failing check, this is immediately shown to the user:


Weblate
Dashboard
Projects
Languages
Checks
Add
WeblateOrg / Django / Czech / Translate
translated 96%
The translation has been saved, however there are some newly failing checks: Missing plurals, Python format
1 / 1
Custom Search
'%(count)s word'
Position
Zen
Translation
English
Singular
%(count)s word
Plural
%(count)s words
Czech, One
Clone source
NBS
0/140
Czech, Few
Clone source
NBS
několik slov
12/140
Czech, Other
Clone source
NBS
%(count)s slov
Plural formula: (n==1) ? 0 : (n>=2 && n<=4) ? 1 : 2
14/140
Needs editing
Save
Suggest
Skip
Nearby strings 20
Comments
Automatic suggestions
Other languages
History
New comment
Comment on this string for fellow translators and developers to read.
Scope
Translation comment, discussions with other translators
Is your comment specific to this translation or generic for all of them?
New comment
You can use Markdown and mention users by @username.
Save
Things to check
Python format 1
Following format strings are missing: %(count)s
Dismiss
Dismiss for all languages
Missing plurals 2
Some plural forms are not translated
Dismiss
Dismiss for all languages
Glossary
English
Czech
No related strings found in the glossary.
Add term to glossary
Source information
Screenshot context
No screenshot currently associated.
Explanation
No explanation currently provided.
Labels
No labels currently set.
Flags
python-format
Source string location
weblate/templates/translation.html:149
String age
10 seconds ago
Source string age
11 seconds ago
Translation file
weblate/locale/cs/LC_MESSAGES/django.po, string 5
Powered by Weblate 4.3
About Weblate
Legal
Contact
Documentation
Donate to Weblate

1.5.1 Correcciones automáticas

In addition to *Comprobaciones de calidad*, Weblate can fix some common errors in translated strings automatically. Use it with caution to not have it add errors.

Ver también:

`AUTOFIX_LIST`

1.5.2 Comprobaciones de calidad

Weblate employs a wide range of quality checks on strings. The following section describes them all in further detail. There are also language specific checks. Please file a bug if anything is reported in error.

Ver también:

`CHECK_LIST`, *Personalizar el comportamiento*

1.5.3 Comprobaciones de traducción

Executed upon every translation change, helping translators maintain good quality translations.

Marcación BBcode

BBcode in translation does not match source

BBCode represents simple markup, like for example highlighting important parts of a message in bold font, or italics.

This check ensures they are also found in translation.

Nota: The method for detecting BBcode is currently quite simple so this check might produce false positives.

Palabras consecutivas duplicadas

Text contains the same word twice in a row:

Nuevo en la versión 4.1.

Checks that no consecutive duplicate words occur in a translation. This usually indicates a mistake in the translation.

Consejo: This check includes language specific rules to avoid false positives. In case it triggers falsely in your case, let us know. See *Informar de problemas en Weblate*.

Espacio duplicado

Translation contains double space

Checks that double space is present in translation to avoid false positives on other space-related checks.

Check is false when double space is found in source meaning double space is intentional.

Formatted strings

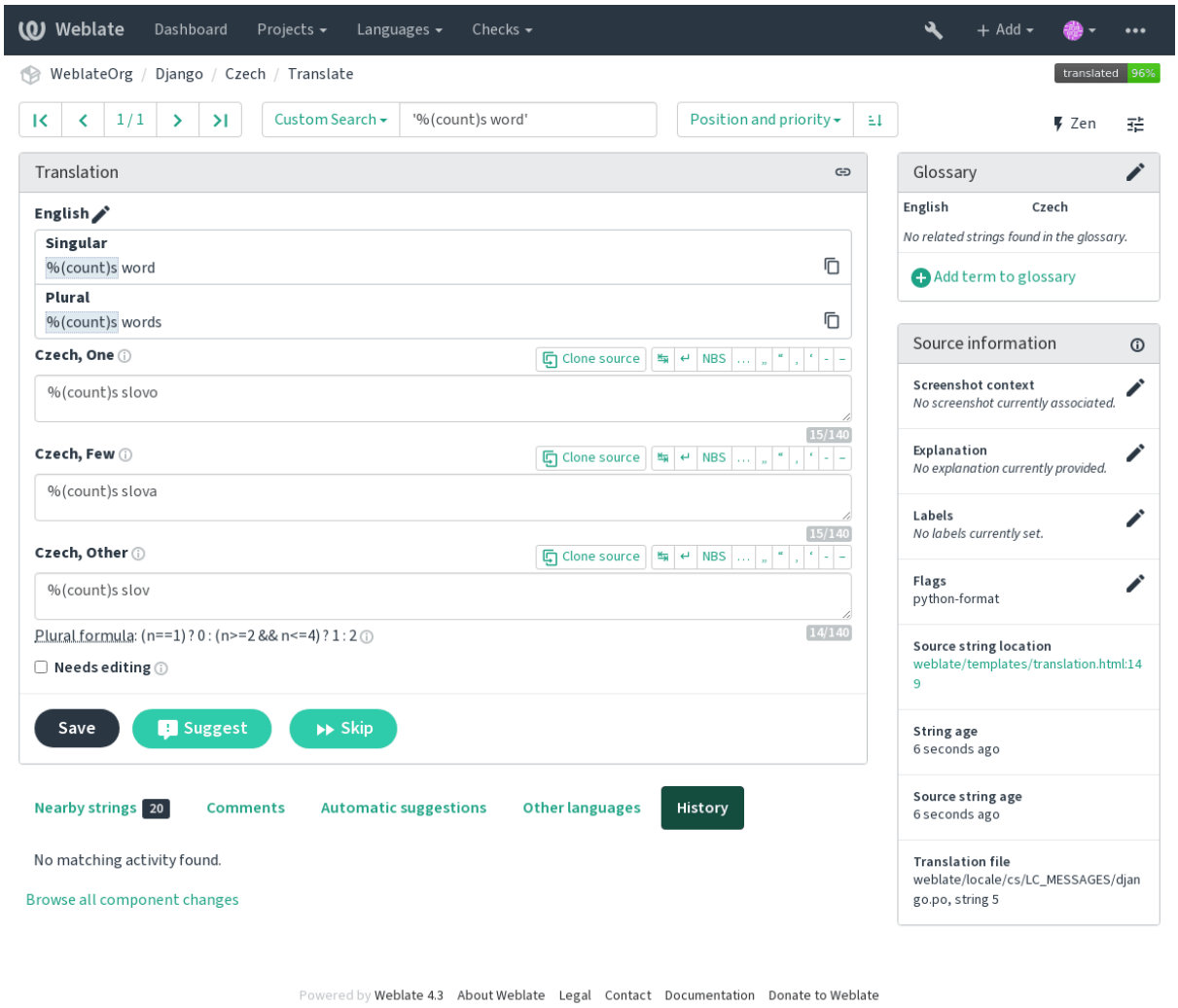
Checks that formatting in strings are replicated between both source and translation. Omitting format strings in translation usually causes severe problems, so the formatting in strings should usually match the source.

Weblate supports checking format strings in several languages. The check is not enabled automatically, only if a string is flagged appropriately (e.g. *c-format* for C format). Gettext adds this automatically, but you will probably have to add it manually for other file formats or if your PO files are not generated by **`xgettext`**.

This can be done per unit (see *Información adicional sobre las cadenas de origen*) or in *Configuración de componentes*. Having it defined per component is simpler, but can lead to false positives in case the string is not interpreted as a formatting string, but format string syntax happens to be used.

Consejo: In case specific format check is not available in Weblate, you can use generic *Sustitutorios*.

Besides checking, this will also highlight the formatting strings to easily insert them into translated strings:



Cadena de interpolación de AngularJS

AngularJS interpolation strings do not match source

Named format string	`Your balance is {{amount}} {{ currency }}`
Flag to enable	*angularjs-format*

Ver también:

AngularJS: API: $interpolate

Formato C

C format string does not match source

Simple format string	`There are %d apples`
Position format string	`Your balance is %1$d %2$s`
Flag to enable	*c-format*

Ver también:

C format strings, C printf format

Formato C#

C# format string does not match source

Position format string	`There are {0} apples`
Flag to enable	*c-sharp-format*

Ver también:

C# String Format

Literales de plantilla ECMAScript

ECMAScript template literals do not match source

Interpolación	`Hay ${number} manzanas`
Flag to enable	*es-format*

Ver también:

Template literals

Interpolación con i18next

The i18next interpolation does not match source

Nuevo en la versión 4.0.

Interpolación	`There are {{number}} apples`
Nesting	`There are $t(number) apples`
Flag to enable	*i18next-interpolation*

Ver también:

i18next interpolation

Formato Java

Java format string does not match source

Simple format string	`There are %d apples`
Position format string	`Your balance is %1$d %2$s`
Flag to enable	*java-format*

Ver también:

Java Format Strings

MessageFormat de Java

Java MessageFormat string does not match source

Position format string	`There are {0} apples`
Flag to enable	*java-messageformat* enables the check unconditionally
	auto-java-messageformat enables check only if there is a format string in the source

Ver también:

Java MessageFormat

Formato JavaScript

JavaScript format string does not match source

Simple format string	`There are %d apples`
Flag to enable	*javascript-format*

Ver también:

JavaScript formatting strings

Sustitutorios con signo de porcentaje

The percent placeholders do not match source

Nuevo en la versión 4.0.

Simple format string	`There are %number% apples`
Flag to enable	*percent-placeholders*

Formato Perl

Perl format string does not match source

Simple format string	`There are %d apples`
Position format string	`Your balance is %1$d %2$s`
Flag to enable	*perl-format*

Ver también:

Perl sprintf, Perl Format Strings

Formato PHP

PHP format string does not match source

Simple format string	`There are %d apples`
Position format string	`Your balance is %1$d %2$s`
Flag to enable	*php-format*

Ver también:

PHP sprintf documentation, PHP Format Strings

Formato de llaves de Python

Python brace format string does not match source

Simple format string	`There are {} apples`
Named format string	`Your balance is {amount} {currency}`
Flag to enable	*python-brace-format*

Ver también:

Python brace format, Python Format Strings

Formato Python

Python format string does not match source

Simple format string	`There are %d apples`
Named format string	`Your balance is %(amount) %(currency)`
Flag to enable	*python-format*

Ver también:

Python string formatting, Python Format Strings

Formato Qt

Qt format string does not match source

Position format string	`There are %1 apples`
Flag to enable	*qt-format*

Ver también:

Qt QString::arg()

Formato de plurales de Qt

Qt plural format string does not match source

Plural format string	`There are %Ln apple(s)`
Flag to enable	*qt-plural-format*

Ver también:

Qt i18n guide

Formato Ruby

Ruby format string does not match source

Simple format string	`There are %d apples`
Position format string	`Your balance is %1$f %2$s`
Named format string	`Your balance is %+.2<amount>f %<currency>s`
Named template string	`Your balance is %{amount} %{currency}`
Flag to enable	*ruby-format*

Ver también:

Ruby Kernel#sprintf

Formato de Vue I18n

The Vue I18n formatting does not match source

Named formatting	`There are {count} apples`
Rails i18n formatting	`There are %{count} apples`
Linked locale messages	`@:message.dio @:message.the_world!`
Flag to enable	*vue-format*

Ver también:

Vue I18n Formatting, Vue I18n Linked locale messages

Se había traducido

This string has been translated in the past

Means a string has been translated already. This can happen when the translations have been reverted in VCS or lost otherwise.

Incoherente

Esta cadena tiene más de una traducción en este proyecto o no se ha traducido en algunos componentes.

Weblate comprueba las traducciones de la misma cadena en todas sus ocurrencias dentro de un proyecto para ayudarle a mantener la coherencia.

The check fails on differing translations of one string within a project. This can also lead to inconsistencies in displayed checks. You can find other translations of this string on the *Other occurrences* tab.

Nota: This check also fires in case the string is translated in one component and not in another. It can be used as a quick way to manually handle strings which are not translated in some components just by clicking on the *Use this translation* button displayed on each line in the *Other occurrences* tab.

You can use *Traducción automática* addon to automate translating of newly added strings which are already translated in another component.

Ver también:

Mantener iguales las traducciones entre los componentes

Kashida utilizado

The decorative kashida letters should not be used

Nuevo en la versión 3.5.

The decorative Kashida letters should not be used in translation. These are also known as Tatweel.

Ver también:

Kashida on Wikipedia

Enlaces de Markdown

Markdown links do not match source

Nuevo en la versión 3.5.

Markdown links do not match source.

Ver también:

Enlaces de Markdown

Referencias de Markdown

Markdown link references do not match source

Nuevo en la versión 3.5.

Markdown link references do not match source.

Ver también:

Enlaces de Markdown

Sintaxis de Markdown

Markdown syntax does not match source

Nuevo en la versión 3.5.

La sintaxis de Markdown no coincide con la de origen

Ver también:

Markdown span elements

Longitud máxima de la traducción

Translation should not exceed given length

Checks that translations are of acceptable length to fit available space. This only checks for the length of translation characters.

Unlike the other checks, the flag should be set as a `key:value` pair like `max-length:100`.

Consejo: This check looks at number of chars, what might not be the best metric when using proportional fonts to render the text. The *Tamaño máximo de la traducción* check does check actual rendering of the text.

The `replacements:` flag might be also useful to expand placeables before checking the string.

Tamaño máximo de la traducción

Translation rendered text should not exceed given size

Nuevo en la versión 3.7.

Translation rendered text should not exceed given size. It renders the text with line wrapping and checks if it fits into given boundaries.

This check needs one or two parameters - maximal width and maximal number of lines. In case the number of lines is not provided, one line text is considered.

You can also configure used font by `font-*` directives (see *Personalizar el comportamiento*), for example following translation flags say that the text rendered with ubuntu font size 22 should fit into two lines and 500 pixels:

```
max-size:500:2, font-family:ubuntu, font-size:22
```

Consejo: You might want to set `font-*` directives in *Configuración de componentes* to have the same font configured for all strings within a component. You can override those values per string in case you need to customize it per string.

The `replacements:` flag might be also useful to expand placeables before checking the string.

Ver también:

Gestionar tipos de letra, *Personalizar el comportamiento*, *Longitud máxima de la traducción*

\n desiguales

Number of \n in translation does not match source

Por lo general, los saltos de renglón codificados con escape son importantes para dar formato a la salida de un programa. La comprobación emite un error si la cantidad de literales `\n` en la traducción difiere de la cantidad en la cadena de origen.

Dos puntos desiguales

Source and translation do not both end with a colon

Checks that colons are replicated between both source and translation. The presence of colons is also checked for various languages where they do not belong (Chinese or Japanese).

Ver también:

Colon on Wikipedia

Puntos suspensivos desiguales

Source and translation do not both end with an ellipsis

Comprueba que tanto la cadena de origen como la traducción terminen con puntos suspensivos. Observe que se comprueba solo el carácter real de puntos suspensivos (…), no una secuencia de tres puntos (`...`).

El carácter real de puntos suspensivos a menudo tiene un mejor espaciado al imprimirlo y suena mejor cuando el texto se procesa en un conversor de texto a voz.

Ver también:

Ellipsis on Wikipedia

Signo de exclamación desigual

Source and translation do not both end with an exclamation mark

Checks that exclamations are replicated between both source and translation. The presence of exclamation marks is also checked for various languages where they do not belong (Chinese, Japanese, Korean, Armenian, Limbu, Myanmar or Nko).

Ver también:

Exclamation mark on Wikipedia

Punto final desigual

Source and translation do not both end with a full stop

Checks that full stops are replicated between both source and translation. The presence of full stops is checked for various languages where they do not belong (Chinese, Japanese, Devanagari or Urdu).

Ver también:

Full stop on Wikipedia

Signo de interrogación desigual

Source and translation do not both end with a question mark

Comprueba que tanto la cadena de origen como la traducción tengan signos de interrogación. La presencia de estos signos también se comprueba en varios idiomas que no los utilizan (armenio, árabe, chino, coreano, japonés, etíope, vai y copto).

Ver también:

Question mark on Wikipedia

Punto y coma desigual

Source and translation do not both end with a semicolon

Comprueba que los punto y coma al final de las oraciones de la cadena de origen y de la traducción sean una réplica mutua. Esto puede resultar útil para garantizar un buen formato de cadenas tales como las de los archivos .desktop.

Ver también:

Semicolon on Wikipedia

Saltos de renglón desiguales

Number of new lines in translation does not match source

Por lo general, los saltos de renglón son importantes para dar formato a la salida de un programa. La comprobación emite un error si la cantidad de literales `\n` en la traducción difiere de la cantidad en la cadena de origen.

Faltan plurales

Some plural forms are not translated

Checks that all plural forms of a source string have been translated. Specifics on how each plural form is used can be found in the string definition.

Failing to fill in plural forms will in some cases lead to displaying nothing when the plural form is in use.

Sustitutorios

Translation is missing some placeholders:

Nuevo en la versión 3.9.

Distinto en la versión 4.3: Puede utilizar expresiones regulares como sustitutorio.

Translation is missing some placeholders. These are either extracted from the translation file or defined manually using `placeholders` flag, more can be separated with colon, strings with space can be quoted:

```
placeholders:$URL$:$TARGET$:"some long text"
```

In case you have some syntax for placeholders, you can use an regular expression:

```
placeholders:r"%[^% ]%"
```

Ver también:

Personalizar el comportamiento

Espaciado de puntuación

Missing non breakable space before double punctuation sign

Nuevo en la versión 3.9.

Comprueba que haya un espacio indivisible delante de un signo de puntuación de componente doble (a saber: signo de exclamación, signo de interrogación, punto y coma y dos puntos). Esta regla se utiliza solamente en algunos idiomas, como el francés y el bretón, en los que la presencia de este espacio es una norma de microtipografía.

Ver también:

French and English spacing on Wikipedia

Expresión regular

Translation does not match regular expression:

Nuevo en la versión 3.9.

Translation does not match regular expression. The expression is either extracted from the translation file or defined manually using `regex` flag:

```
regex:^foo|bar$
```

Mismos plurales

Some plural forms are translated in the same way

Esta comprobación emite un error si se han duplicado algunas formas de plural. En la mayoría de los idiomas deben ser diferentes.

Salto de renglón al inicio

Source and translation do not both start with a newline

Newlines usually appear in source strings for good reason, omissions or additions can lead to formatting problems when the translated text is put to use.

Ver también:

Salto de renglón al final

Espacios iniciales

Source and translation do not both start with same number of spaces

Normalmente, si hay un espacio al inicio de una cadena es para crear sangrías en la interfaz; por esta razón es importante preservarlos.

Salto de renglón al final

Source and translation do not both end with a newline

Newlines usually appear in source strings for good reason, omissions or additions can lead to formatting problems when the translated text is put to use.

Ver también:

Salto de renglón al inicio

Espacio al final

Source and translation do not both end with a space

Checks that trailing spaces are replicated between both source and translation.

Trailing space is usually utilized to space out neighbouring elements, so removing it might break layout.

Traducción no modificada

Source and translation are identical

Happens if the source and corresponding translation strings is identical, down to at least one of the plural forms. Some strings commonly found across all languages are ignored, and various markup is stripped. This reduces the number of false positives.

This check can help find strings mistakenly untranslated.

The default behavior of this check is to exclude words from the built-in blacklist from the checking. These are words which are frequently not being translated. This is useful to avoid false positives on short strings, which consist only of single word which is same in several languages. This blacklist can be disabled by adding `strict-same` flag to string or component.

Ver también:

Configuración de componentes, *Personalizar el comportamiento*

HTML inseguro

The translation uses unsafe HTML markup

Nuevo en la versión 3.9.

The translation uses unsafe HTML markup. This check has to be enabled using `safe-html` flag (see *Personalizar el comportamiento*). There is also accompanied autofixer which can automatically sanitize the markup.

Ver también:

The HTML check is performed by the Bleach library developed by Mozilla.

URL

The translation does not contain an URL

Nuevo en la versión 3.5.

The translation does not contain an URL. This is triggered only in case the unit is marked as containing URL. In that case the translation has to be a valid URL.

Marcación XML

XML tags in translation do not match source

This usually means the resulting output will look different. In most cases this is not a desired result from changing the translation, but occasionally it is.

Checks that XML tags are replicated between both source and translation.

Sintaxis XML

The translation is not valid XML

Nuevo en la versión 2.8.

The XML markup is not valid.

Espacio de anchura cero

Translation contains extra zero-width space character

Zero-width space (<U+200B>) characters are used to break messages within words (word wrapping).

As they are usually inserted by mistake, this check is triggered once they are present in translation. Some programs might have problems when this character is used.

Ver también:

Zero width space on Wikipedia

1.5.4 Source checks

Source checks can help developers improve the quality of source strings.

Puntos suspensivos

The string uses three dots (…) instead of an ellipsis character (…)

This fails when the string uses three dots (`...`) when it should use an ellipsis character (…).

Using the Unicode character is in most cases the better approach and looks better rendered, and may sound better with text-to-speech.

Ver también:

Ellipsis on Wikipedia

Largamente no traducida

The string has not been translated for a long time

Nuevo en la versión 4.1.

When the string has not been translated for a long time, it is can indicate problem in a source string making it hard to translate.

Varias comprobaciones fallidas

The translations in several languages have failing checks

Numerous translations of this string have failing quality checks. This is usually an indication that something could be done to improve the source string.

This check failing can quite often be caused by a missing full stop at the end of a sentence, or similar minor issues which translators tend to fix in translation, while it would be better to fix it in the source string.

Varias variables sin nombre

There are multiple unnamed variables in the string, making it impossible for translators to reorder them

Nuevo en la versión 4.1.

There are multiple unnamed variables in the string, making it impossible for translators to reorder them.

Consider using named variables instead to allow translators to reorder them.

No pluralizada

The string is used as plural, but not using plural forms

The string is used as a plural, but does not use plural forms. In case your translation system supports this, you should use the plural aware variant of it.

For example with Gettext in Python it could be:

```
from gettext import ngettext

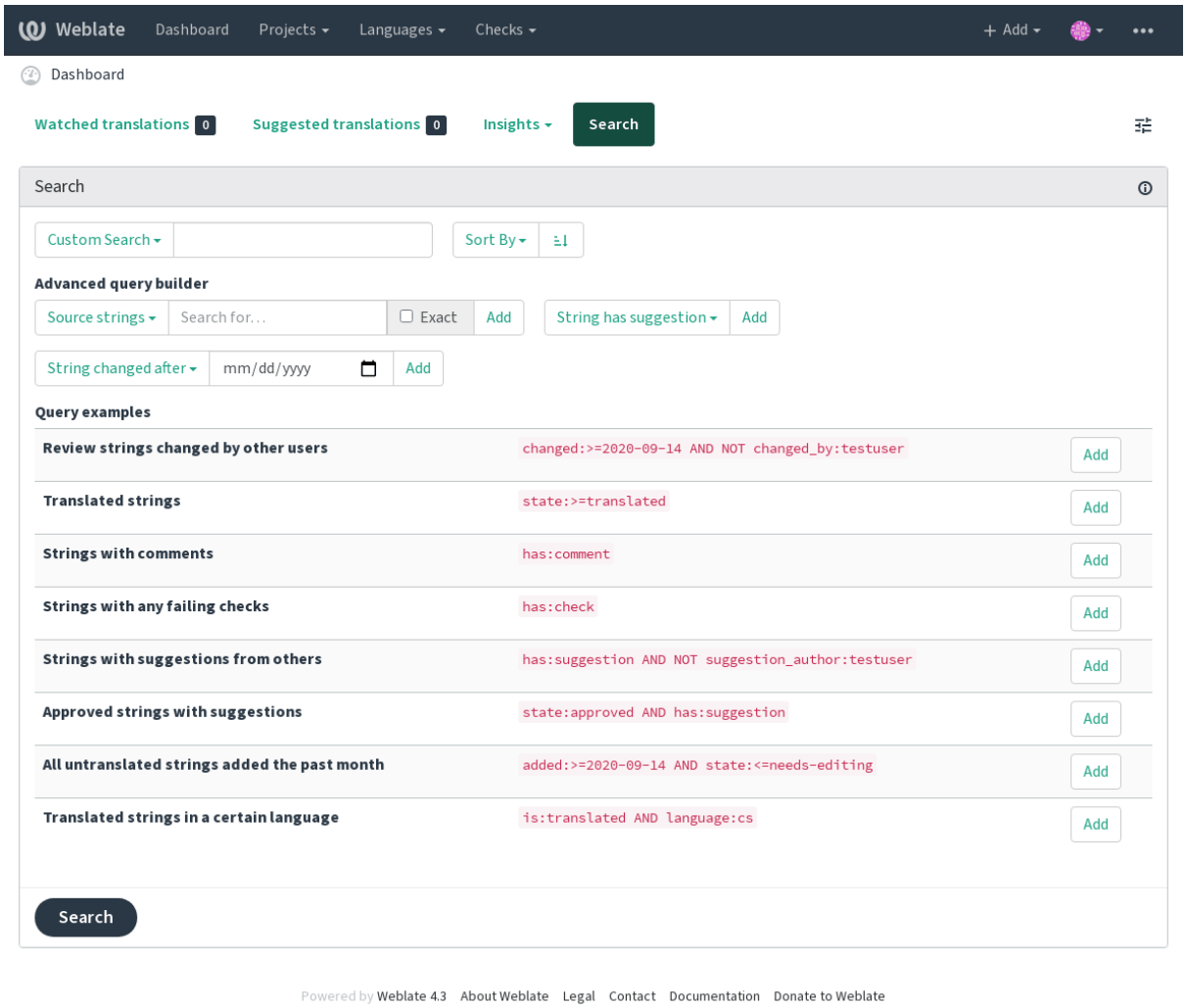
print ngettext('Selected %d file', 'Selected %d files', files) % files
```

1.6 Búsquedas

Nuevo en la versión 3.9.

Advanced queries using boolean operations, parentheses, or field specific lookup can be used to find the strings you want.

When no field is defined, the lookup happens on *Source*, *Translate* and *Context* fields.



1.6.1 Búsqueda sencilla

Any phrase typed into the search box is split into words. Strings containing any of them are shown. To look for an exact phrase, put «the searchphrase» into quotes (both single (“) and double («) quotes will work): `"this is a quoted string"` or `'another quoted string'`.

1.6.2 Campos

`source:TEXTO` Source string case insensitive search.

`target:TEXTO` Target string case insensitive search.

`context:TEXTO` Context string case insensitive search.

`key:TEXTO` Key string case insensitive search.

`note:TEXTO` Comment string case insensitive search.

`location:TEXTO` Location string case insensitive search.

`priority:NÚMERO` String priority.

`added:FECHA Y HORA` Timestamp for when the string was added to Weblate.

`state:TEXTO` State search (`approved`, `translated`, `needs-editing`, `empty`, `read-only`), supports *Operadores de campo*.

`pending:BOOLEANO` String pending for flushing to VCS.

`has:TEXTO` Search for string having attributes - `plural`, `context`, `suggestion`, `comment`, `check`, `dismissed-check`, `translation`, `variant`, `screenshot` (works only on source strings).

`is:TEXTO` Search for string states (`pending`, `translated`, `untranslated`).

`language:TEXTO` String target language.

`component:TEXTO` Component slug, see *«Slug» del componente*.

`project:TEXTO` Project slug, see *«Slug» del proyecto*.

`changed_by:TEXTO` String was changed by author with given username.

`changed:FECHA Y HORA` String was changed on date, supports *Operadores de campo*.

`check:TEXTO` String has failing check.

`dismissed_check:TEXTO` String has dismissed check.

`comment:TEXTO` Search in user comments.

`comment_author:TEXTO` Filter by comment author.

`suggestion:TEXTO` Search in suggestions.

`suggestion_author:TEXTO` Filter by suggestion author.

1.6.3 Operadores booleanos

You can combine lookups using `AND`, `OR`, `NOT` and parentheses to form complex queries. For example: `state:translated AND (source:hello OR source:bar)`

1.6.4 Operadores de campo

You can specify operators, ranges or partial lookups for date or numeric searches:

`state:>=translated` State is `translated` or better (`approved`).

`changed:2019` Changed in year 2019.

`changed:[2019-03-01 to 2019-04-01]` Changed between two given dates.

1.6.5 Operadores exactos

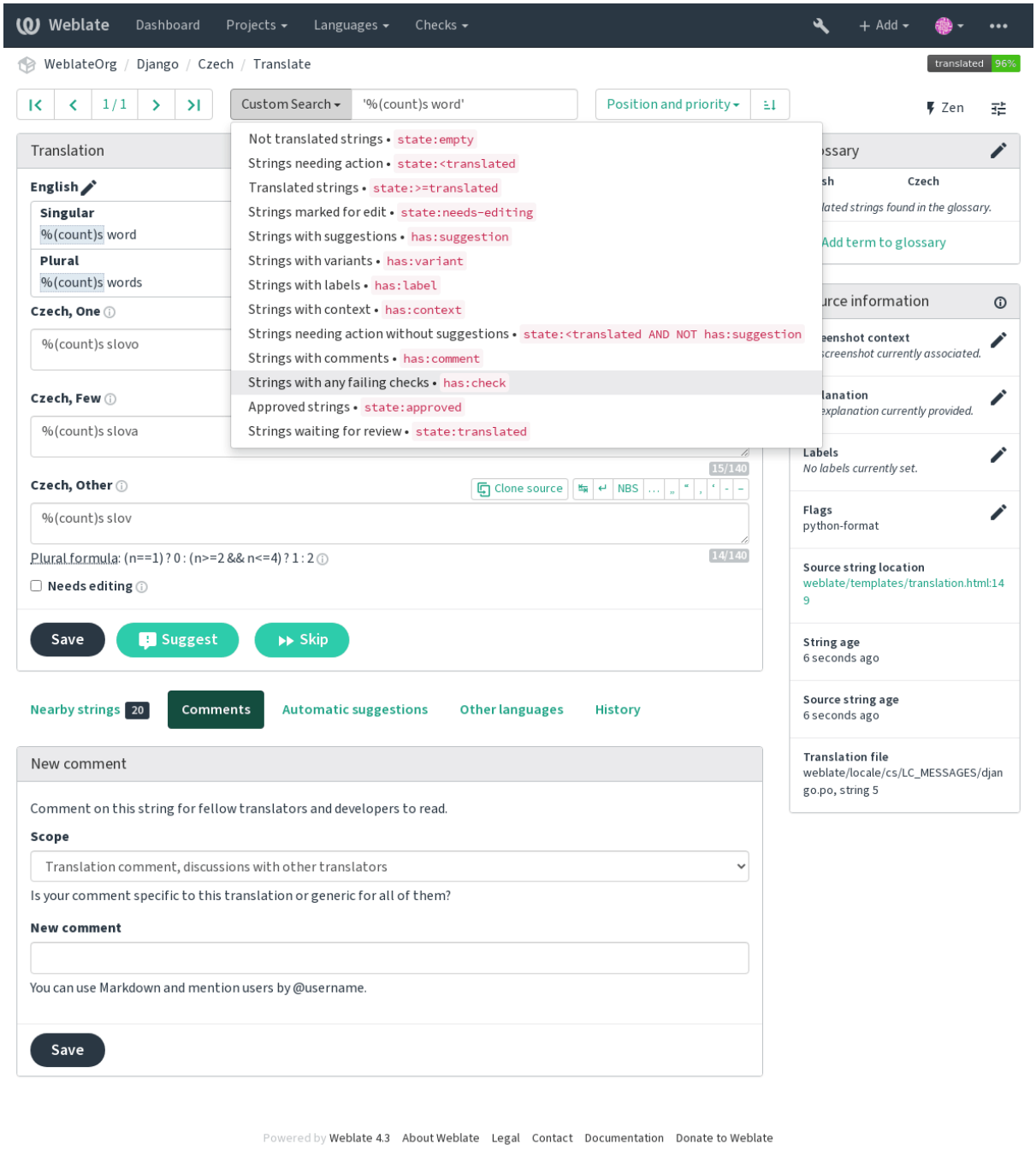
You can do an exact match query on different string fields using = operator. For example, to search for all source strings exactly matching `hello world`, use: `source:="hello world"`. For searching single word expressions, you can skip quotes. For example, to search for all source strings matching `hello`, you can use: `source:=hello`.

1.6.6 Expresiones regulares

Anywhere text is accepted you can also specify a regular expression as `r"regexp"`. For instance, to search for all source strings which contain any digit between 2 and 5, use: `source:r"[2-5]"`

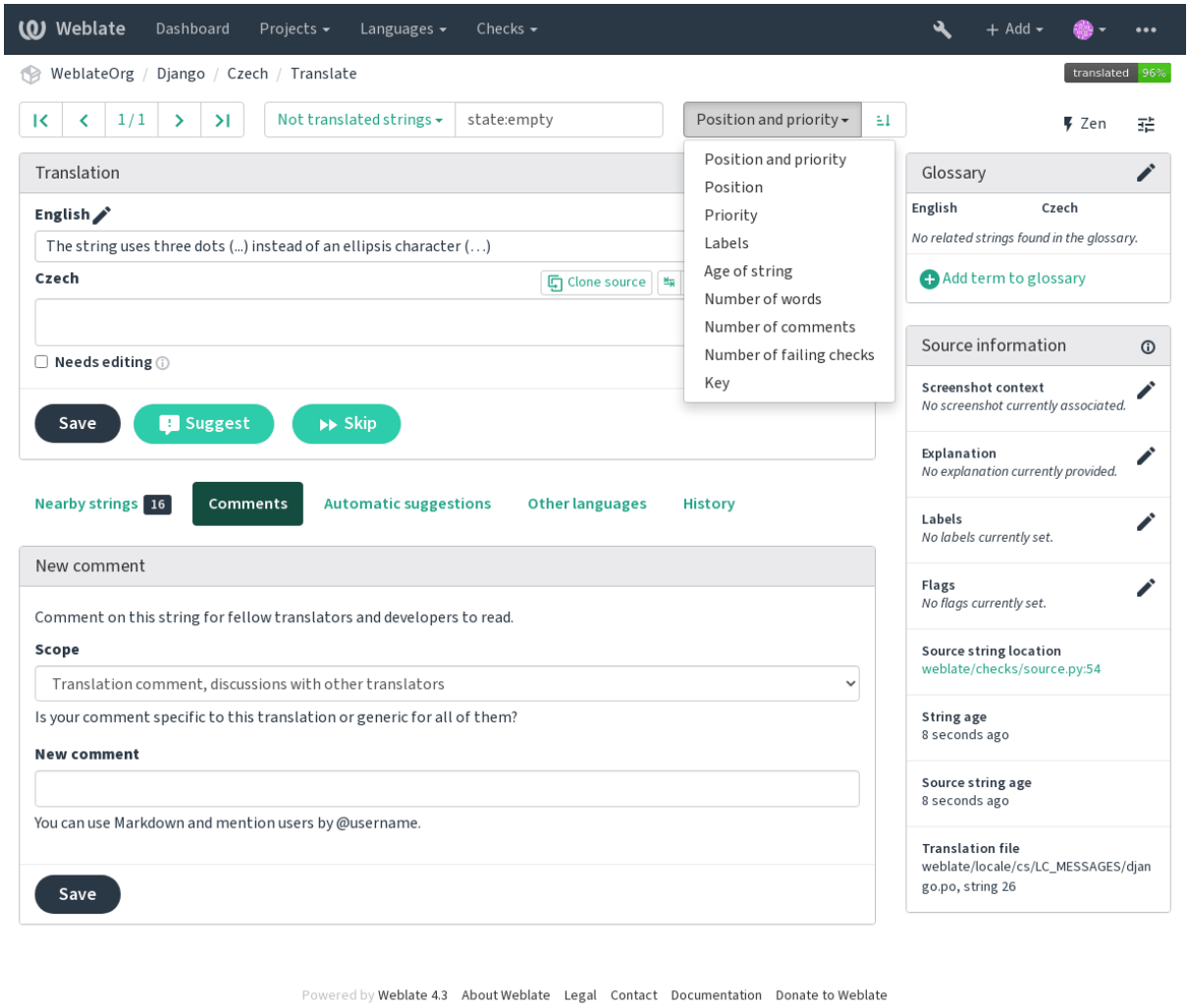
1.6.7 Consultas predefinidas

You can select out of predefined queries on the search page, this allows you to quickly access the most frequent searches:



1.6.8 Ordenar los resultados

There are many options to order the strings according to your needs:



1.7 Guía para el programador de aplicaciones

Using Weblate is a process that brings your users closer to you, by bringing you closer to your translators. It is up to you to decide how many of its features you want to make use of.

1.7.1 Starting with internationalization

Have a project and want to translate it into several languages? This guide will help you do so. Several typical situations are showcased, but most of the examples are generic and can be applied to other scenarios as well.

Before translating any software, you should realize that languages around the world are really different and you should not make any assumption based on your experience. For most of languages it will look weird if you try to concatenate a sentence out of translated segments. You also should properly handle plural forms because many languages have complex rules for that and the internationalization framework you end up using should support this.

Last but not least, sometimes it might be necessary to add some context to the translated string. Imagine a translator would get string `Sun` to translate. Without context most people would translate that as our closest star, but it might be actually used as an abbreviation for Sunday.

Choosing internationalization framework

Choose whatever is standard on your platform, try to avoid reinventing the wheel by creating your own framework to handle localizations. Weblate supports most of the widely used frameworks, see *Formatos de archivo admitidos* for more information (especially *Translation types capabilities*).

Our personal recommendation for some platforms is in the following table. This is based on our experience, but that can not cover all use cases, so always consider your environment when doing the choice.

Plataforma	Formato recomendado
Android	*Recursos de cadenas de Android*
iOS	*Cadenas de iOS de Apple*
Qt	*.ts de Qt Linguist*
Python	*GNU gettext*
PHP	*GNU gettext*[1]
C/C++	*GNU gettext*
C#	*.XML resource files*
Perl	*GNU gettext*
Ruby	*Ruby YAML files*
Extensiones web	*JSON para WebExtension*
Java	*XLIFF*[2]
JavaScript	*Archivos JSON de i18next*[3]

The more detailed workflow for some formats is described in following chapters:

- *Translating software using GNU Gettext*
- *Translating documentation using Sphinx*
- *Traducir HTML y JavaScript mediante la CDN de Weblate*

Integración con Weblate

Getting translations updates from Weblate

To fetch updated strings from Weblate you can simply fetch the underlying repository (either from filesystem or it can be made available through *Git exporter*). Prior to this, you might want to commit any pending changes (see *Consignas diferidas*). This can be achieved in the user interface (in the *Repository maintenance*) or from command line using *Cliente de Weblate*.

This can be automated if you grant Weblate push access to your repository and configure *Push URL* in the *Configuración de componentes*.

Ver también:

Regionalización continua

[1] The native Gettext support in PHP is buggy and often missing on Windows builds, it is recommended to use third party library motranslator instead.
[2] You can also use *Java properties* if plurals are not needed.
[3] You can also use plain *Archivos JSON* if plurals are not needed.

Pushing string changes to Weblate

To push newly updated strings to Weblate, just let it pull from the upstream repository. This can be achieved in the user interface (in the *Repository maintenance*) or from command line using *Cliente de Weblate*.

This can be automated by installing a webhook on your repository to trigger Weblate whenever there is a new commit, see *Updating repositories* for more details.

Ver también:

Regionalización continua

1.7.2 Translating software using GNU Gettext

GNU Gettext is one of the most widely used tool for internationalization of free software. It provides a simple yet flexible way to localize the software. It has great support for plurals, it can add further context to the translated string and there are quite a lot of tools built around it. Of course it has great support in Weblate (see *GNU gettext* file format description).

Nota: If you are about to use it in proprietary software, please consult licensing first, it might not be suitable for you.

GNU Gettext can be used from a variety of languages (C, Python, PHP, Ruby, JavaScript and many more) and usually the UI frameworks already come with some support for it. The standard usage is through the *gettext()* function call, which is often aliased to *_()* to make the code simpler and easier to read.

Additionally it provides *pgettext()* call to provide additional context to translators and *ngettext()* which can handle plural types as defined for target language.

As a widely spread tool, it has many wrappers which make its usage really simple, instead of manual invoking of Gettext described below, you might want to try one of them, for example intltool.

Sample program

The simple program in C using Gettext might look like following:

```
#include <libintl.h>
#include <locale.h>
#include <stdio.h>
#include <stdlib.h>

int main(void)
{
    int count = 1;
    setlocale(LC_ALL, "");
    bindtextdomain("hello", "/usr/share/locale");
    textdomain("hello");
    printf(
        ngettext(
            "Orangutan has %d banana.\n",
            "Orangutan has %d bananas.\n",
            count
        ),
        count
    );
    printf("%s\n", gettext("Thank you for using Weblate."));
    exit(0);
}
```

Extracting translatable strings

Once you have code using the gettext calls, you can use **xgettext** to extract messages from it and store them into a .pot:

```
$ xgettext main.c -o po/hello.pot
```

Nota: There are alternative programs to extract strings from the code, for example pybabel.

This creates a template file, which you can use for starting new translations (using **msginit**) or updating existing ones after code change (you would use **msgmerge** for that). The resulting file is simply a structured text file:

```
# SOME DESCRIPTIVE TITLE.
# Copyright (C) YEAR THE PACKAGE'S COPYRIGHT HOLDER
# This file is distributed under the same license as the PACKAGE package.
# FIRST AUTHOR <EMAIL@ADDRESS>, YEAR.
#
#, fuzzy
msgid ""
msgstr ""
"Project-Id-Version: PACKAGE VERSION\n"
"Report-Msgid-Bugs-To: \n"
"POT-Creation-Date: 2015-10-23 11:02+0200\n"
"PO-Revision-Date: YEAR-MO-DA HO:MI+ZONE\n"
"Last-Translator: FULL NAME <EMAIL@ADDRESS>\n"
"Language-Team: LANGUAGE <LL@li.org>\n"
"Language: \n"
"MIME-Version: 1.0\n"
"Content-Type: text/plain; charset=CHARSET\n"
"Content-Transfer-Encoding: 8bit\n"
"Plural-Forms: nplurals=INTEGER; plural=EXPRESSION;\n"

#: main.c:14
#, c-format
msgid "Orangutan has %d banana.\n"
msgid_plural "Orangutan has %d bananas.\n"
msgstr[0] ""
msgstr[1] ""

#: main.c:20
msgid "Thank you for using Weblate."
msgstr ""
```

Each `msgid` line defines a string to translate, the special empty string in the beginning is the file header containing metadata about the translation.

Starting new translation

With the template in place, we can start our first translation:

```
$ msginit -i po/hello.pot -l cs --no-translator -o po/cs.po
Created cs.po.
```

The just created `cs.po` already has some information filled in. Most importantly it got the proper plural forms definition for chosen language and you can see number of plurals have changed according to that:

```
# Czech translations for PACKAGE package.
# Copyright (C) 2015 THE PACKAGE'S COPYRIGHT HOLDER
# This file is distributed under the same license as the PACKAGE package.
```

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```
# Automatically generated, 2015.
#
msgid ""
msgstr ""
"Project-Id-Version: PACKAGE VERSION\n"
"Report-Msgid-Bugs-To: \n"
"POT-Creation-Date: 2015-10-23 11:02+0200\n"
"PO-Revision-Date: 2015-10-23 11:02+0200\n"
"Last-Translator: Automatically generated\n"
"Language-Team: none\n"
"Language: cs\n"
"MIME-Version: 1.0\n"
"Content-Type: text/plain; charset=ASCII\n"
"Content-Transfer-Encoding: 8bit\n"
"Plural-Forms: nplurals=3; plural=(n==1) ? 0 : (n>=2 && n<=4) ? 1 : 2;\n"

#: main.c:14
#, c-format
msgid "Orangutan has %d banana.\n"
msgid_plural "Orangutan has %d bananas.\n"
msgstr[0] ""
msgstr[1] ""
msgstr[2] ""

#: main.c:20
msgid "Thank you for using Weblate."
msgstr ""
```

This file is compiled into an optimized binary form, the .mo file used by the GNU Gettext functions at runtime.

Updating strings

Once you add more strings or change some strings in your program, you execute again **xgettext** which regenerates the template file:

```
$ xgettext main.c -o po/hello.pot
```

Then you can update individual translation files to match newly created templates (this includes reordering the strings to match new template):

```
$ msgmerge --previous --update po/cs.po po/hello.pot
```

Importing to Weblate

To import such translation into Weblate, all you need to define are the following fields when creating component (see *Configuración de componentes* for detailed description of the fields):

Field	Value
Repositorio de código fuente	URL of the VCS repository with your project
File mask	`po/*.po`
Plantilla para traducciones nuevas	`po/hello.pot`
Formato de archivo	Choose *Gettext PO file*
Idioma nuevo	Choose *Create new language file*

Es todo. ¡Ahora puede comenzar a traducir su *software*!

Ver también:

You can find a Gettext example with many languages in the Weblate Hello project on GitHub: <https://github.com/WeblateOrg/hello>.

1.7.3 Translating documentation using Sphinx

Sphinx is a tool for creating beautiful documentation. It uses simple reStructuredText syntax and can generate output in many formats. If you're looking for an example, this documentation is also built using it. The very useful companion for using Sphinx is the Read the Docs service, which will build and publish your documentation for free.

I will not focus on writing documentation itself, if you need guidance with that, just follow instructions on the Sphinx website. Once you have documentation ready, translating it is quite easy as Sphinx comes with support for this and it is quite nicely covered in their Internationalization. It's matter of few configuration directives and invoking of the `sphinx-intl` tool.

If you are using Read the Docs service, you can start building translated documentation on the Read the Docs. Their Localization of Documentation covers pretty much everything you need - creating another project, set its language and link it from main project as a translation.

Now all you need is translating the documentation content. Sphinx generates PO file for each directory or top level file, what can lead to quite a lot of files to translate (depending on `gettext_compact` settings). You can import the `index.po` into Weblate as an initial component and then configure *Detección de componentes* addon to automatically discover all others.

Tabla 1: Configuración de componentes

Nombre de componente	`Documentación`
File mask	`docs/locales/*/LC_MESSAGES/index.po`
Plantilla para traducciones nuevas	`docs/locales/index.pot`
Formato de archivo	*Archivo PO de gettext*
Indicadores de traducción	`rst-text`

Tabla 2: Configuración de detección de componentes

Expresión regular utilizada para relacionar con los archivos de traducción	`docs/locales/(?P<language>[^/.]*)/LC_MESSAGES/(?P<component>[^/]*)\.po`
Personalizar el nombre del componente	`Documentation: {{ component|title }}`
Definir el archivo de base para traducciones nuevas	`docs/locales/{{ component }}.pot`

Consejo: Would you prefer Sphinx to generate just single PO file? There is a hacky way to achieve this (used by Weblate documentation) by overriding Sphinx way to get a Gettext domain of a document. Place following snippet to your Sphinx configuration in `conf.py`:

```
import sphinx.transforms.i18n
import sphinx.util.i18n

# Hacky way to have all localized content in single domain
sphinx.transforms.i18n.docname_to_domain = (
    sphinx.util.i18n.docname_to_domain
) = lambda docname, compact: "docs"
```

This might be directly supported by Sphinx in future releases, see <https://github.com/sphinx-doc/sphinx/issues/784>.

Ver también:

The Odorik python module documentation is built using Sphinx, Read the Docs and translated using Weblate.

1.7.4 Traducir HTML y JavaScript mediante la CDN de Weblate

Starting with Weblate 4.2 it is possible to export localization to a CDN using *CDN de regionalización de JavaScript* addon.

Nota: This feature is configured on Hosted Weblate. It requires additional configuration on your installation, see `LOCALIZE_CDN_URL` and `LOCALIZE_CDN_PATH`.

Upon installation into your component it will push committed translations (see *Consignas diferidas*) to the CDN and these can be used in your web pages to localize them.

Creating component

First, you need to create a monolingual component which will hold your strings, see *Añadir proyectos y componentes de traducción* for generic instructions on that.

In case you have existing repository to start with (for example the one containing HTML files), create an empty JSON file in the repository for the source language (see *Idioma del código fuente*), for example `locales/en.json`. The content should be `{}` to indicate an empty object. Once you have that, the repository can be imported into Weblate and you can start with an addon configuration.

Consejo: In case you have existing translations, you can place them into the language JSON files and those will be used in Weblate.

For those who do not want to use existing repository (or do not have one), choose *Start from scratch* when creating component and choose *JSON file* as a file format (it is okay to choose any monolingual format at this point).

Configurar el complemento de la CDN de Weblate

The *CDN de regionalización de JavaScript* addon provides few configuration options.

Umbral de traducción Translations translated above this threshold will be included in the CDN.

Selector de CSS Configures which strings from the HTML documents are translatable, see *Extracción de cadenas para la CDN de Weblate* and *HTML localization using Weblate CDN*.

Nombre de la «cookie» de idioma Name of cookie which contains user selected language. Used in the JavaScript snippet for *HTML localization using Weblate CDN*.

Extraer cadenas desde archivos HTML List of files in the repository or URLs where Weblate will look for translatable strings and offer them for a translation, see *Extracción de cadenas para la CDN de Weblate*.

Extracción de cadenas para la CDN de Weblate

The translation strings have to be present in Weblate. You can either manage these manually, use API to create them or list files or URLs using *Extract strings from HTML files* and Weblate will extract them automatically. The files have to present in the repository or contain remote URLs which will be download and parsed regularly by Weblate.

The default configuration for *CSS selector* extracts elements with CSS class `l10n`, for example it would extract two strings from following snippets:

```
<section class="content">
    <div class="row">
        <div class="wrap">
            <h1 class="section-title min-m l10n">Maintenance in progress</h1>
            <div class="page-desc">
                <p class="l10n">We're sorry, but this site is currently down for␣
↪maintenance.</p>
```

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```
            </div>
        </div>
    </div>
</section>
```

In case you don't want to modify existing code, you can also use `*` as a selector to process all elements.

Nota: Right now, only text of the elements is extracted. This addon doesn't support localization of element attributes or elements with childs.

HTML localization using Weblate CDN

To localize a HTML document, you need to load the `weblate.js` script:

```
<script src="https://weblate-cdn.com/a5ba5dc29f39498aa734528a54b50d0a/weblate.js"␣
↪async></script>
```

Upon loading, this will automatically find all matching translatable elements (based on *CSS selector* configuration) and replace their text with a translation.

The user language is detected from the configured cookie and falls back to user preferred languages configured in the browser.

The *Language cookie name* can be useful for integration with other applications (for example choose `django_language` when using Django).

Regionalización de JavaScript

The individual translations are exposed as bilingual JSON files under the CDN. To fetch one you can use following code:

```
fetch(("https://weblate-cdn.com/a5ba5dc29f39498aa734528a54b50d0a/cs.json")
  .then(response => response.json())
  .then(data => console.log(data));
```

The actual localization logic needs to be implemented in this case.

1.7.5 Translation component alerts

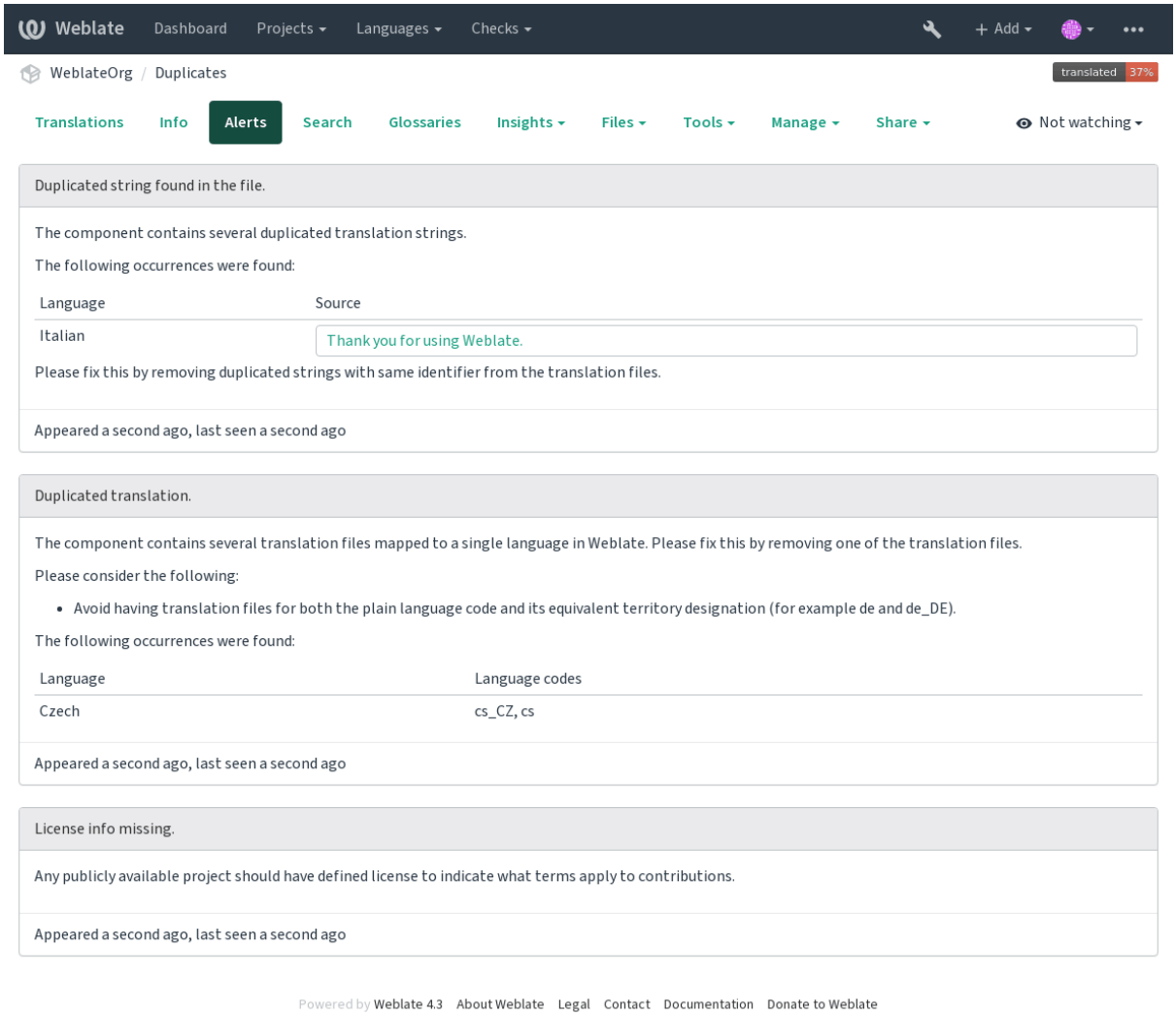
Shows errors in the Weblate configuration or the translation project for any given translation component. Guidance on how to address found issues is also offered.

Currently the following is covered:

- Duplicated source strings in translation files
- Duplicated languages within translations
- Merge or update failures in the source repository
- Unused new base in component settings
- Parse errors in the translation files
- Duplicate filemask used for linked components
- Broken URLs
- Faltan licencias

Las alertas se enumeran en la página correspondiente a cada componente en el apartado *Alertas*. Si falta, el componente ha superado todas las comprobaciones. Las alertas no pueden ignorarse, pero desaparecerán cuando se haya corregido el problema que las originó.

A component with both duplicated strings and languages looks like this:



Ver también:

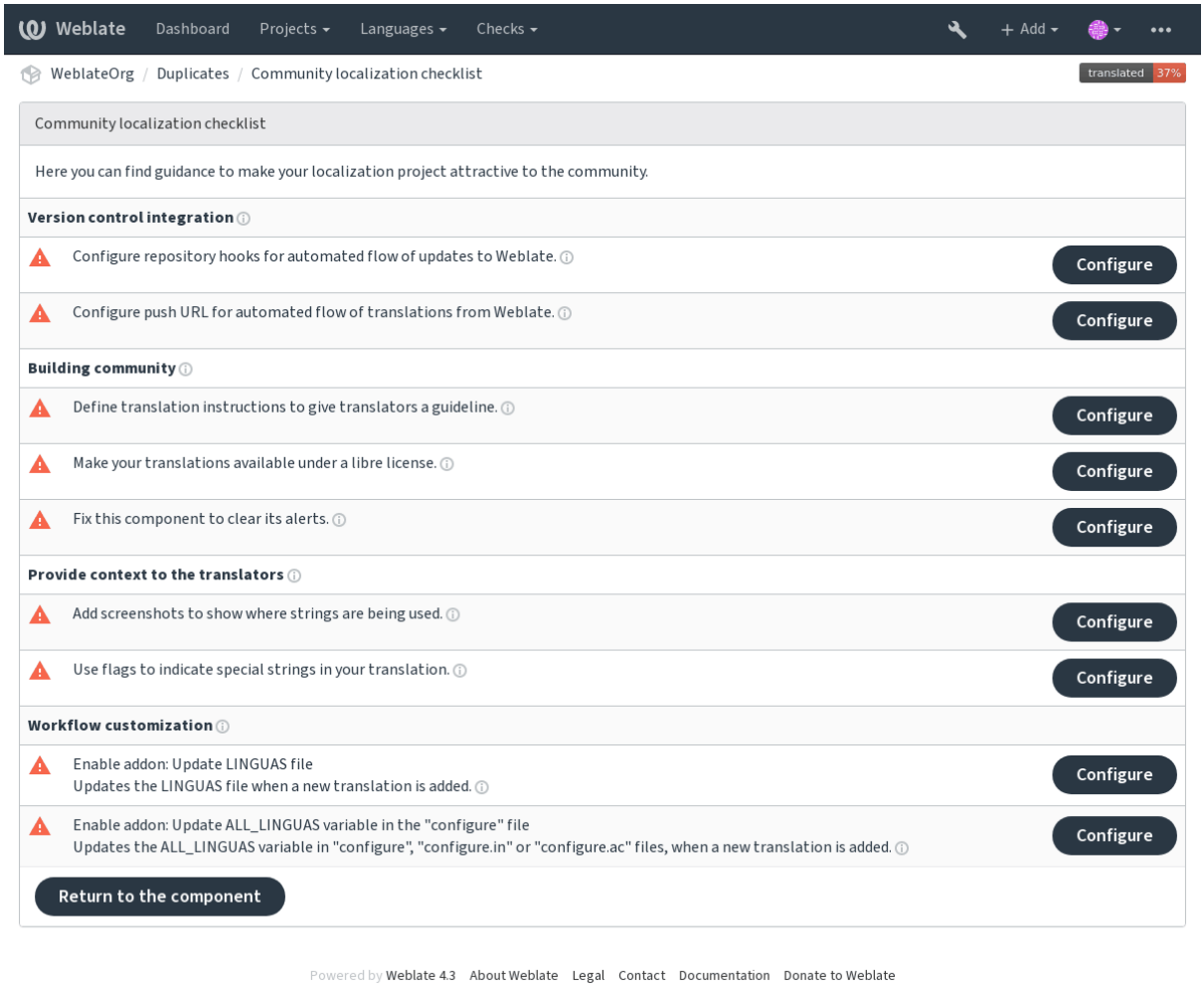
Using custom certificate authority

1.7.6 Building translators community

Lista de control de regionalización comunitaria

Nuevo en la versión 3.9.

The *Community localization checklist* which can be found in the menu of each component can give you guidance to make your localization process easy for community translators.



1.7.7 Gestionar traducciones

Añadir traducciones nuevas

New strings can be made available for translation when they appear in the base file, called *Template for new translations* (see *Configuración de componentes*). If your file format doesn't require such a file, as is the case with most monolingual translation flows, you can start with blank files).

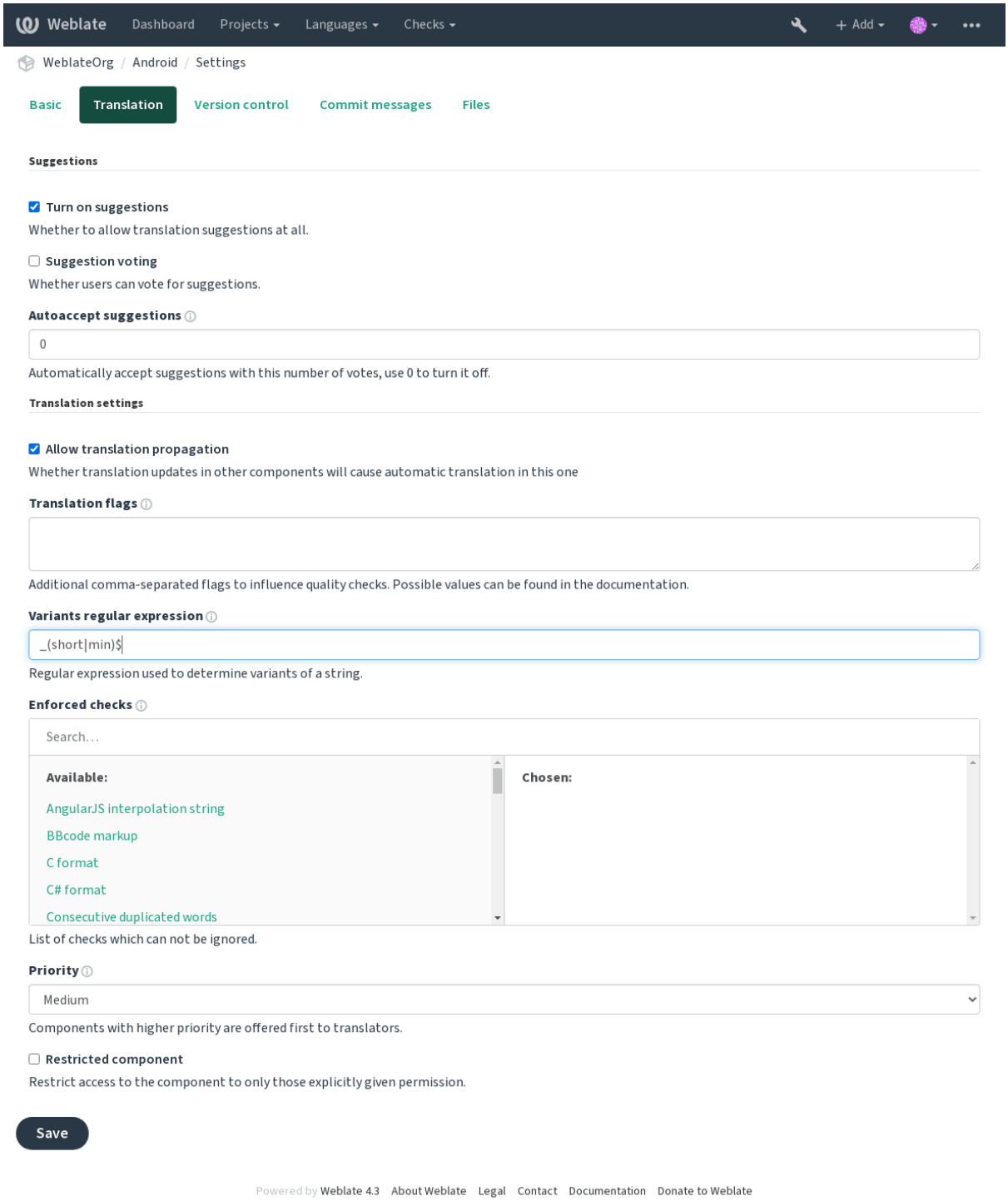
New languages can be added right away when requested by a user in Weblate, or a notification will be sent to project admins for approval and manual addition. This can be done using *Start new translation* in *Configuración de componentes*.

Nota: Project admins can always start translation within Weblate directly.

Language files added manually to the VCS are added to the component when Weblate updates the repository. About repository update settings, see *Updating repositories*.

Variantes de cadenas

Variants are useful to group several strings together so that translators can see all variants of the string at one place. You can define regular expression to group the strings in the *Configuración de componentes*:

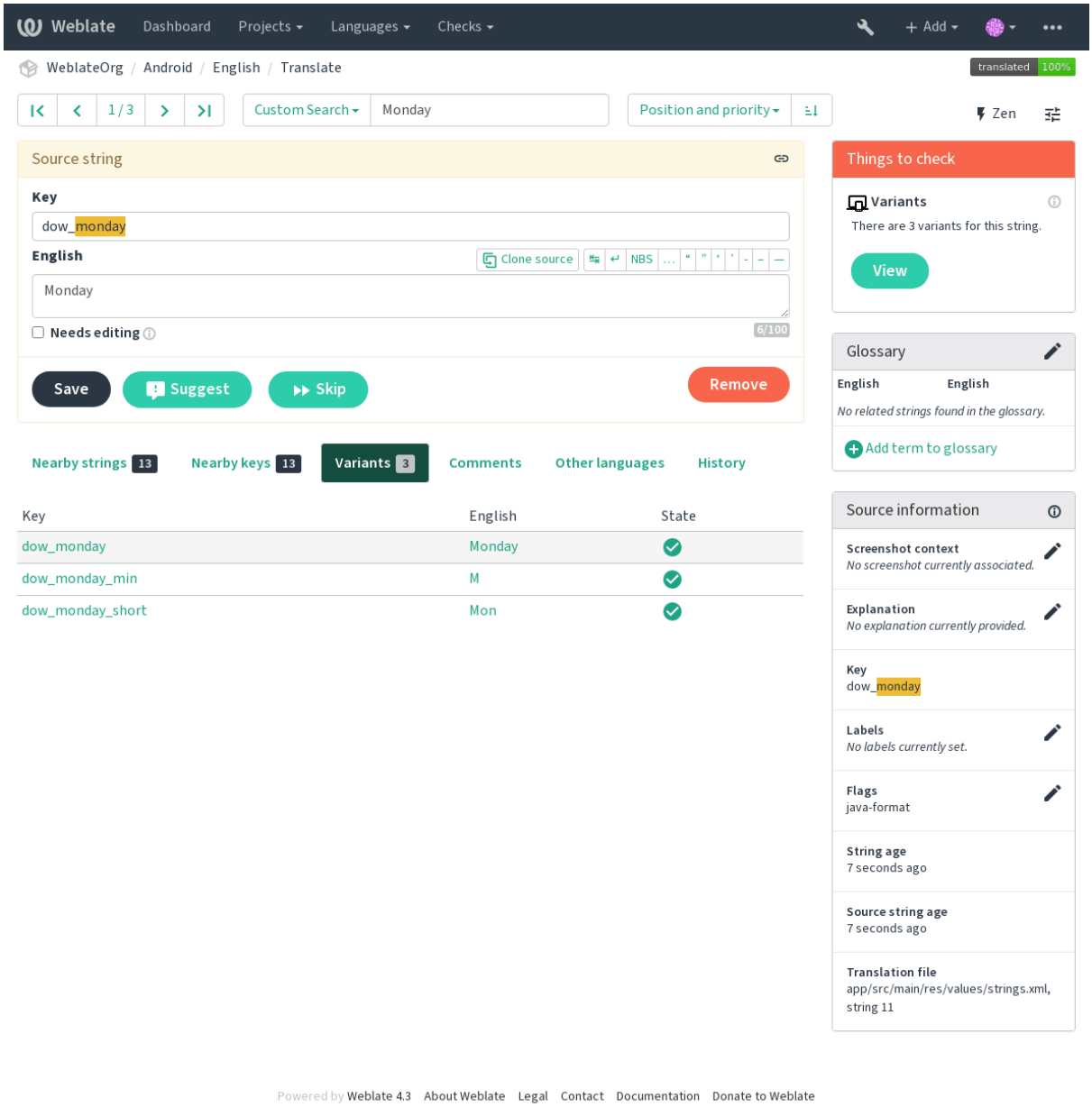


The expression is matched against *Key* to generate root key of the variant. All matching strings are then part of single variants group, including the translation exactly matching the root key, even if that is not matched by the regular expression.

The following table lists some usage examples:

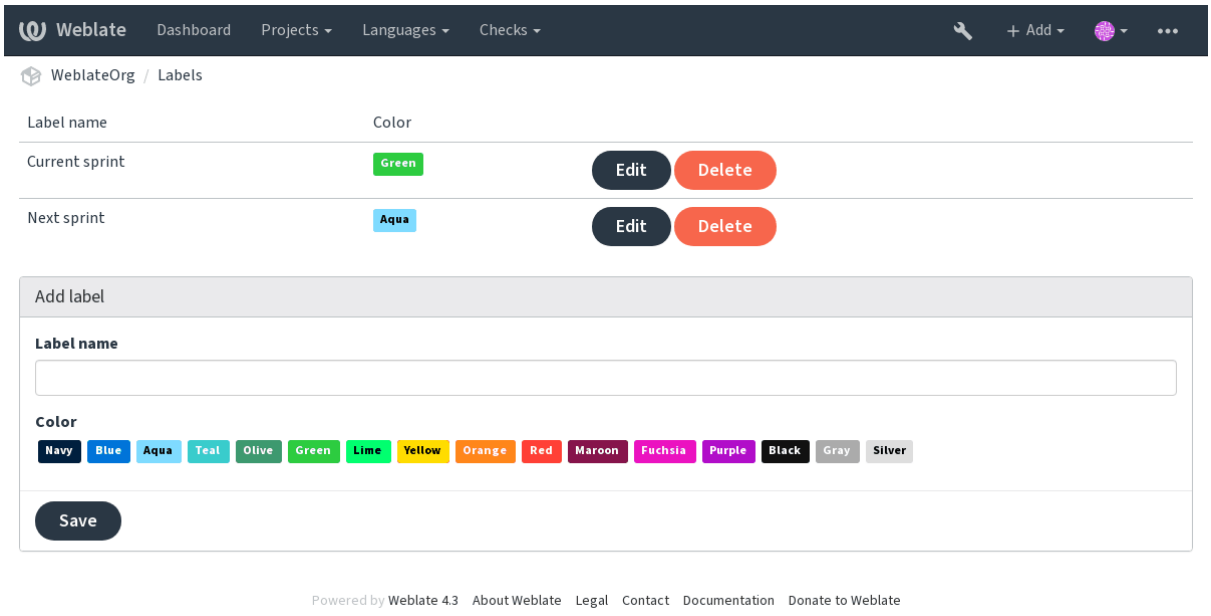
Caso de uso	Variante de expresión regular	Matched translation keys
Identificación de sufijos	`(Short|Min)$`	`monthShort`, `monthMin`, `month`
Identificación en renglón	`#[SML]`	`dial#S.key`, `dial#M.key`, `dial.key`

The variant is later grouped when translating:



Etiquetas de cadena

Split component translation strings into categories by text and colour in the project configuration.



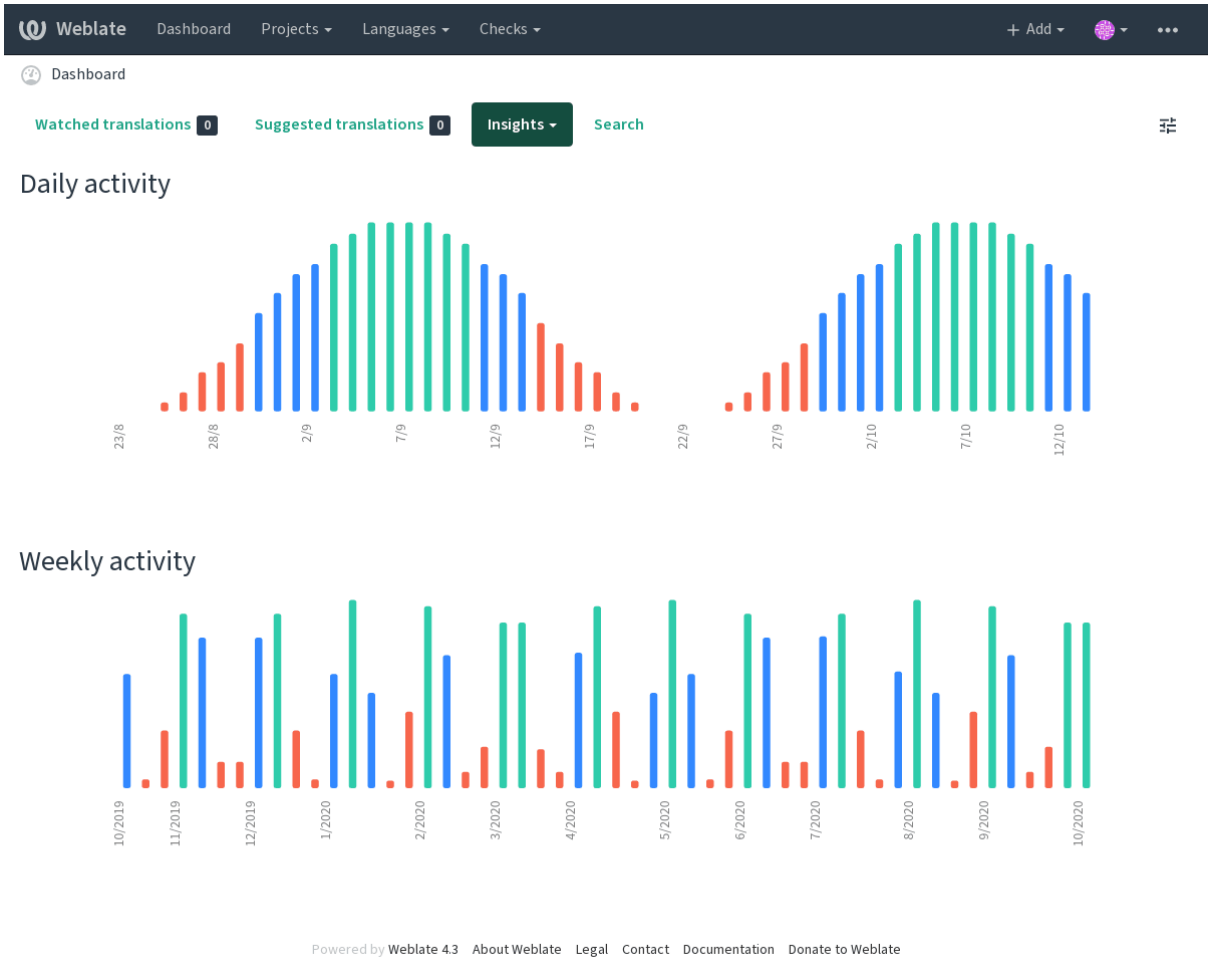
Consejo: Labels can be assigned to units in *Información adicional sobre las cadenas de origen* by bulk editing, or using the *Edición en masa* addon.

1.7.8 Reviewing strings

Activity reports

Activity reports check changes of translations, for projects, components or individual users.

The activity reports for a project or component is accessible from its dashboard, on the *Insights* tab, selecting *Activity*.



More reports are accessible on the *Insights* tab, selecting *Translation reports*.

The activity of the currently signed in user can be seen by clicking on *Profile* from the user menu on the top right.

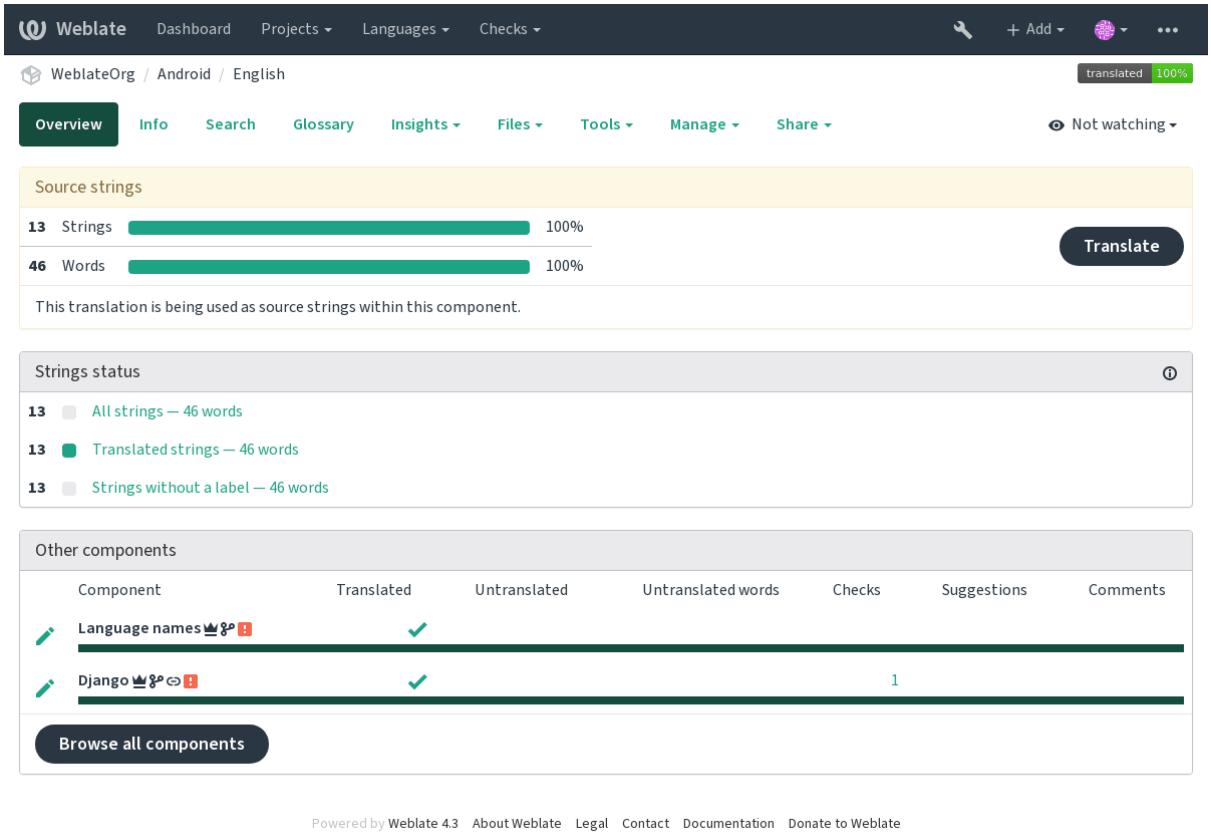
Source strings checks

There are many *Comprobaciones de calidad*, some of them focus on improving the quality of source strings. Many failing checks suggest a hint to make source strings easier to translate. All types of failing source checks are displayed on the *Source* tab of every component.

Translation string checks

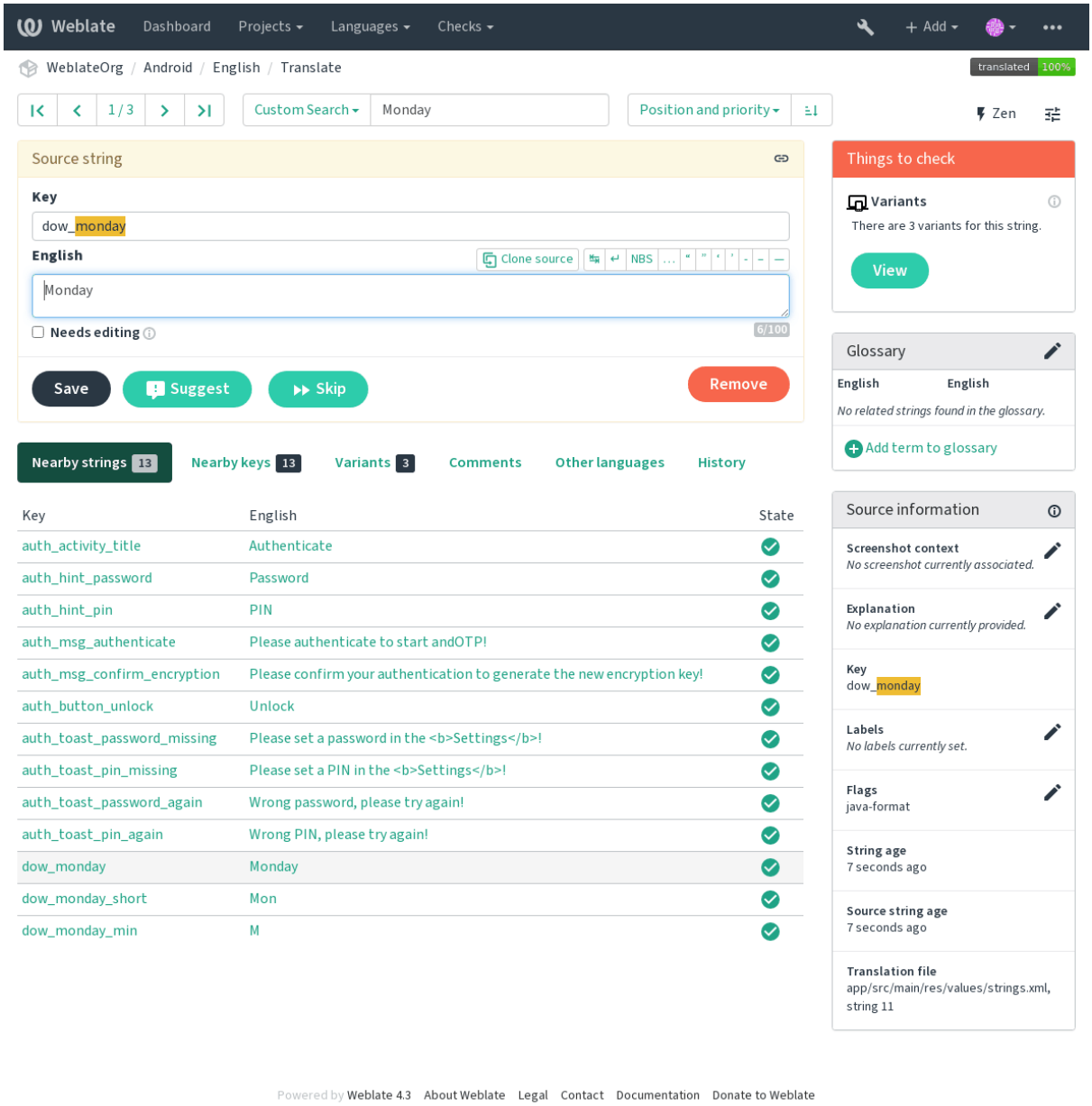
Erroneous failing translation string checks indicate the problem is with the source string. Translators sometimes fix mistakes in the translation instead of reporting it - a typical example is a missing full stop at the end of a sentence.

Reviewing all failing checks can provide valuable feedback to improve its source strings. To make source strings review easier, Weblate automatically creates a translation for the source language and shows you source level checks there:



One of the most interesting checks here is the *Varias comprobaciones fallidas* - it is triggered whenever there is failure on multiple translations of a given string. Usually this is something to look for, as this is a string which translators have problems translating properly.

The detailed listing is a per language overview:

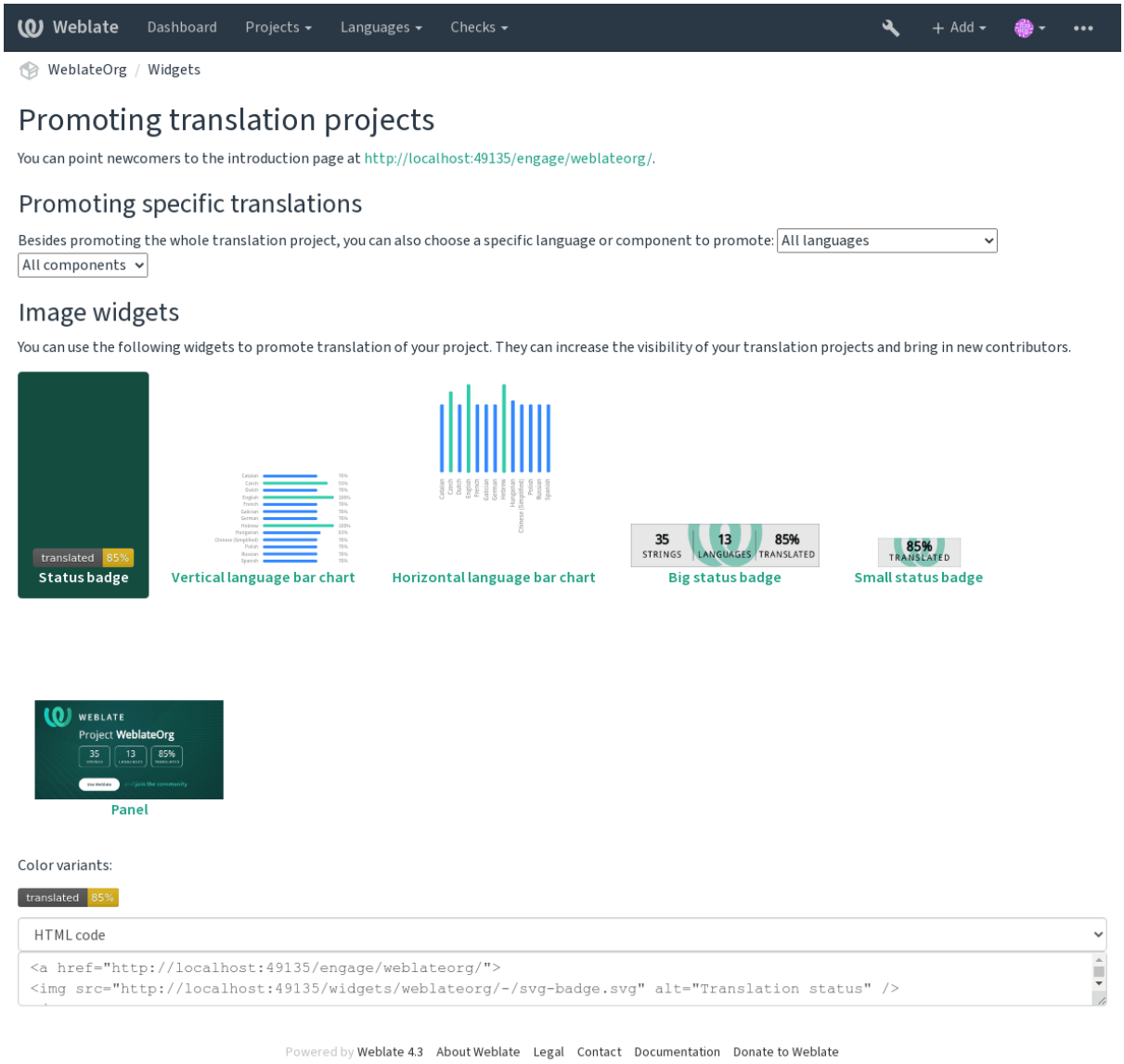


String comments

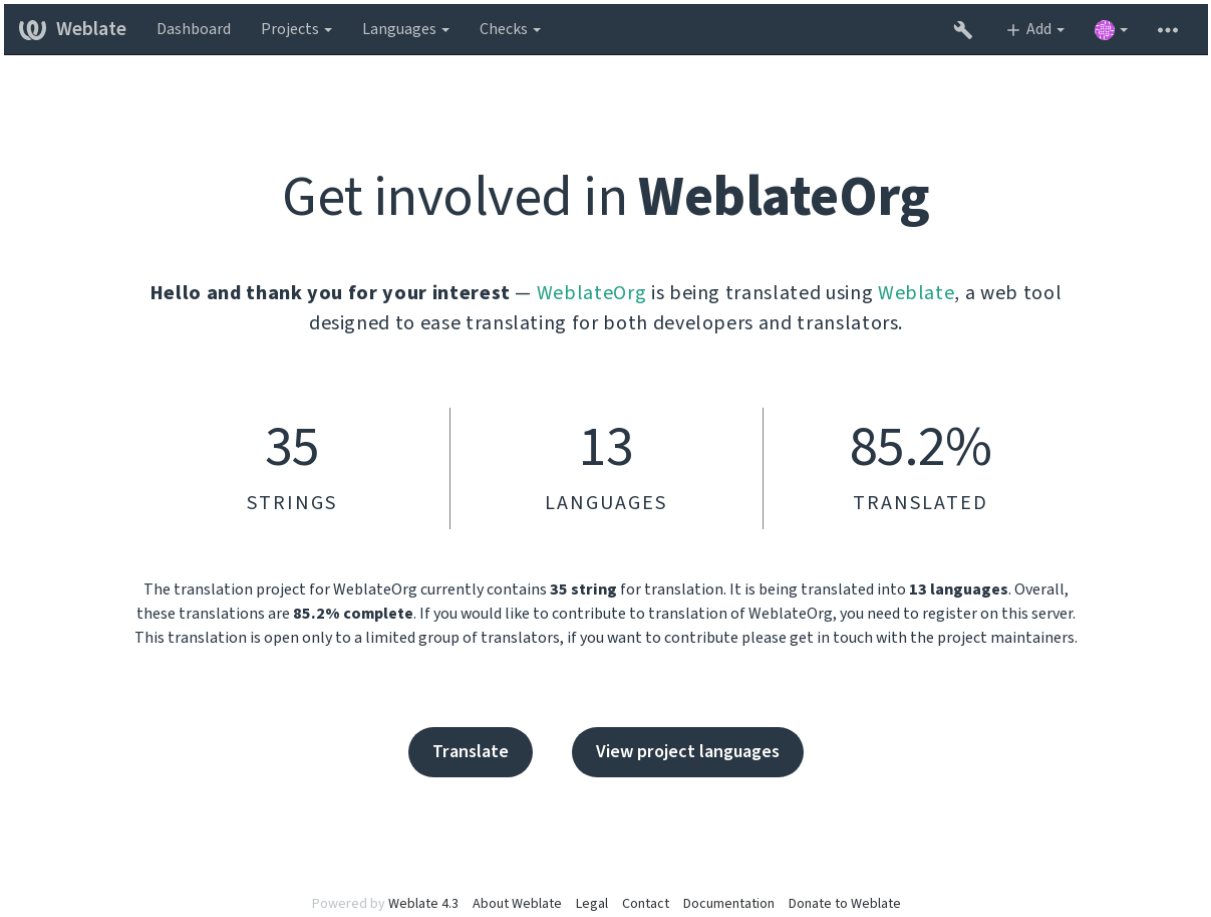
Translators can comment on both translation and source strings. Each *Configuración de componentes* can be configured to receive such comments to an e-mail address, and using the developers mailing list is usually the best approach. This way you can keep an eye on when problems arise in translation, take care of them, and fix them quickly.

1.7.9 Promoting the translation

Weblate provides you widgets to share on your website or other sources to promote the translation project. It also has a nice welcome page for new contributors to give them basic information about the translation. Additionally you can share information about translation using Facebook or Twitter. All these possibilities can be found on the *Share* tab:

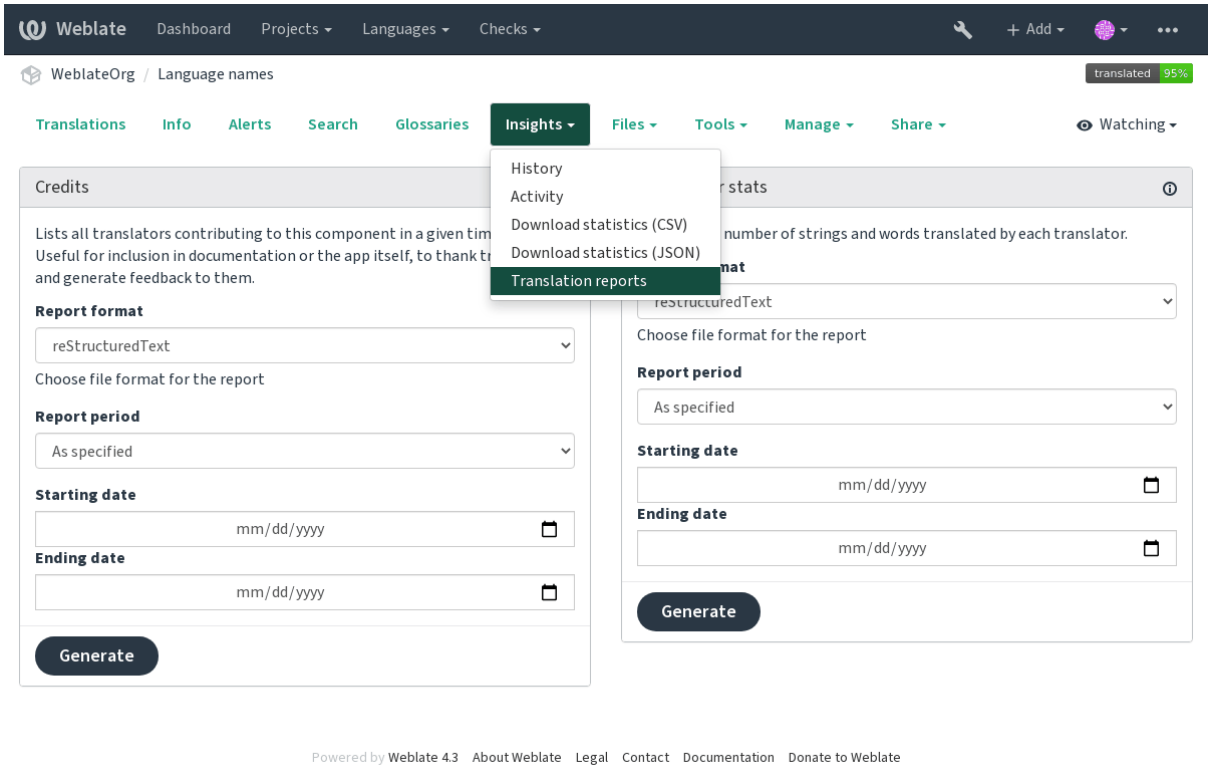


All these badges are provided with the link to simple page which explains users how to translate using Weblate:



1.7.10 Translation progress reporting

Reporting features give insight into how a translation progresses over a given period. A summary of contributions to any given component over time is provided. The reporting tool is found in the *Insights* menu of any translation component, project or on the dashboard:



Several reporting tools are available on this page and all can produce output in HTML, reStructuredText or JSON. The first two formats are suitable for embedding statistics into existing documentation, while JSON is useful for further processing of the data.

Créditos de traductores

Generates a document usable for crediting translators - sorted by language and lists all contributors to a given language:

```
* Czech

    * Michal Čihař <michal@cihar.com> (10)
    * John Doe <john@example.com> (5)

* Dutch

    * Jane Doe <jane@example.com> (42)
```

It will render as:

- Checo
  - Michal Čihař <michal@cihar.com> (10)
  - John Doe <john@example.com> (5)
- Neerlandés
  - Jae Doe <jane@example.com> (42)

Consejo: The number in parenthesis indicates number of contributions in given period.

Estadísticas de contribuidores

Generates the number of translated words and strings by translator name:

```
======================================= ========================================␣
↪======================== ======================== ========================␣
↪======================== ======================== ========================␣
↪======================== ======================== ========================␣
↪======================== ======================== ========================␣
↪======================== ======================== ========================␣
↪======================== ======================== ========================␣
↪======================== ========================
Name                                    Email                                   ␣
↪Count total              Source words total       Source chars total      ␣
↪Target words total       Target chars total       Count new               ␣
↪Source words new         Source chars new         Target words new        ␣
↪Target chars new         Count approved           Source words approved   ␣
↪Source chars approved    Target words approved    Target chars approved    Count␣
↪edited             Source words edited      Source chars edited      Target␣
↪words edited      Target chars edited
======================================= ========================================␣
↪======================== ======================== ========================␣
↪======================== ======================== ========================␣
↪======================== ======================== ========================␣
↪======================== ======================== ========================␣
↪======================== ======================== ========================␣
↪======================== ======================== ========================␣
↪======================== ========================
Michal Čihař                            michal@cihar.com                        ␣
↪                      1                        3                       24       ␣
↪                3                       21                       1              ␣
↪          3                       24                       3                   ␣
↪   21                       0                        0                       0␣
↪                      0                        0                       0      ␣
↪                 0                        0                        0            ␣
↪           0
Allan Nordhøy                           allan@example.com                       ␣
↪                      2                        5                       25       ␣
↪                4                       28                       2              ␣
↪          3                       24                       3                   ␣
↪   21                       0                        0                       0␣
↪                      0                        0                       0      ␣
↪                 0                        0                        0            ␣
↪           0
======================================= ========================================␣
↪======================== ======================== ========================␣
↪======================== ======================== ========================␣
↪======================== ======================== ========================␣
↪======================== ======================== ========================␣
↪======================== ======================== ========================␣
↪======================== ======================== ========================␣
↪======================== ========================
```

And it will get rendered as:

Nombre	Correo electrónico	Count total	Source words total	Source chars total	Target words total	Target chars total	Count new	Source words new	Source chars new	Target words new	Target chars new	Count approved	Source words approved	Source chars approved	Target words approved	Target chars approved	Count edited	Source words edited	Source chars edited	Target words edited	Target chars edited
Michal Čihař	michal@cihar.com	1	3	24	3	21	1	3	24	3	21	0	0	0	0	0	0	0	0	0	0
Allan Nordhøy	allan@example.com	2	5	25	4	28	2	3	24	3	21	0	0	0	0	0	0	0	0	0	0

It can be useful if you pay your translators based on amount of work, it gives you various stats on translators work.

All stats are available in three variants:

Total Overall number of edited strings.

New Newly translated strings which didn't have translation before.

Approved Count for string approvals in review workflow (see *Revisores dedicados*).

Edited Edited strings which had translation before.

The following metrics are available for each:

Count Number of strings.

Edits Number of edits in the string, measured in Damerau–Levenshtein distance.

Source words Number of words in the source string.

Source characters Number of characters in the source string.

Target words Number of words in the translated string.

Target characters Number of characters in the translated string.

1.8 Flujos de trabajo de traducción

Se admiten varios flujos de trabajo de traducción.

La siguiente no es una lista completa de maneras de configurar Weblate. Puede basar otros flujos de trabajo en los ejemplos más usuales que se enumeran aquí.

1.8.1 Acceso de traducción

The *Control de acceso* is not much discussed in the workflows as each access control option can be applied to any workflow. Please consult that documentation for information on how to manage access to translations.

In the following chapters, *any user* means a user who has access to the translation. It can be any authenticated user if the project is public, or a user that has a *Translate* permission for the project.

1.8.2 Translation states

Cada cadena traducida se clasifica en uno de los estados siguientes:

No traducidas Translation is empty, it might or not be stored in the file, depending on the file format.

Necesita edición Translation needs editing, this is usually the result of a source string change. The translation is stored in the file, depending on the file format it might be marked as needing edit (for example as it gets a fuzzy flag).

Revisión pendiente La traducción se ha efectuado pero no se ha revisado. Está almacenada en el archivo y es válida.

Aprobadas Translation has been approved in the review. It can no longer be changed by translators, but only by reviewers. Translators can only add suggestions to it.

Sugerencias Las sugerencias se almacenan solo en Weblate, no en el archivo de traducción.

1.8.3 Traducción directa

This is most usual setup for smaller teams, anybody can directly translate. This is also the default setup in Weblate.

- *Any user* can edit translations.
- Suggestions are optional ways to suggest changes, when translators are not sure about the change.

Configuración	Value	Nota
Activar revisiones	desactivada	Configured at project level.
Activar sugerencias	activada	It is useful for users to be able to suggest when they are not sure.
Votar sugerencias	desactivada	
Aceptar sugerencias automáticamente	0	
Grupo de traductores	*Users*	Or *Translate* with *Control de acceso*.
Grupo de revisores	Sin datos	Not used.

1.8.4 Revisión por pares

With this workflow, anybody can add suggestions, and need approval from additional member(s) before it is accepted as a translation.

- *Any user* can add suggestions.
- *Any user* can vote for suggestions.
- Suggestions become translations when given a predetermined number of votes.

Configuración	Value	Nota
Activar revisiones	desactivada	Configured at project level.
Activar sugerencias	activada	
Votar sugerencias	desactivada	
Aceptar sugerencias automáticamente	1	You can set higher value to require more peer reviews.
Grupo de traductores	*Users*	Or *Translate* with *Control de acceso*.
Grupo de revisores	Sin datos	Not used, all translators review.

1.8.5 Revisores dedicados

Nuevo en la versión 2.18: The proper review workflow is supported since Weblate 2.18.

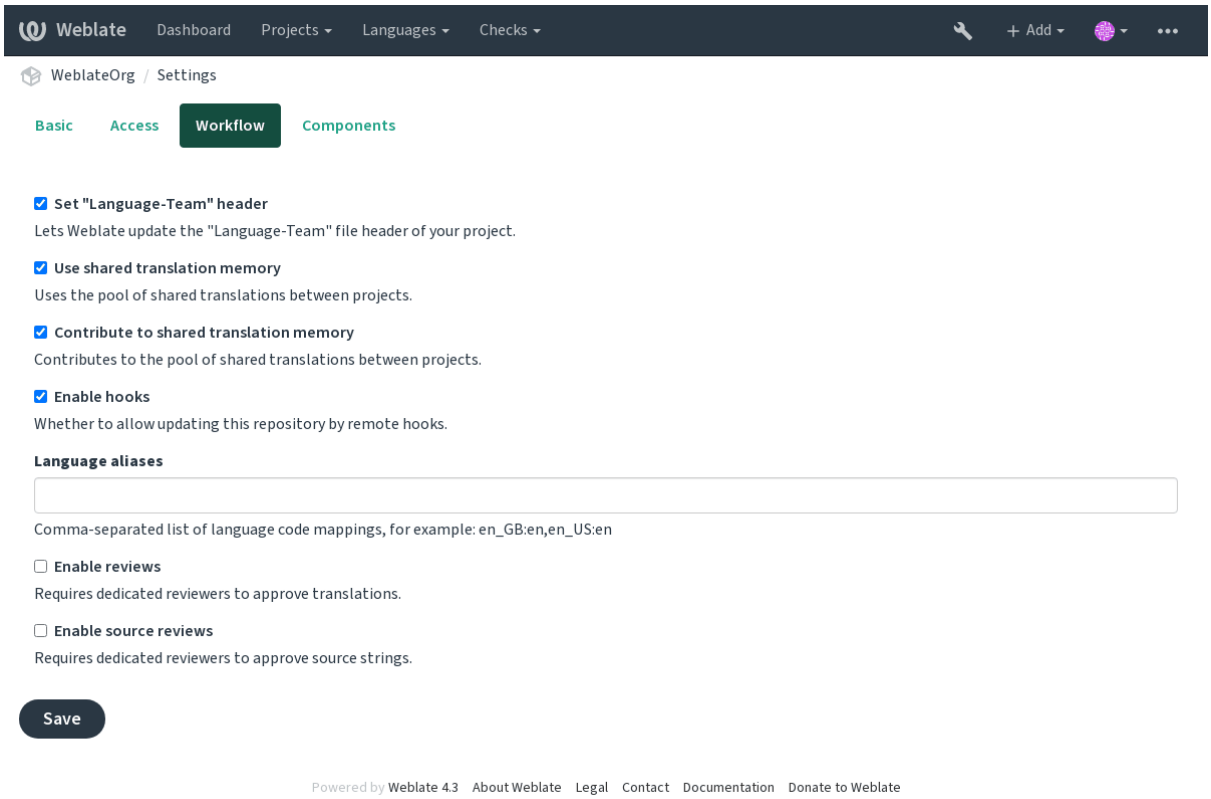
Al activar los revisores dedicados dividirá sus usuarios en dos grupos: uno será capaz de enviar traducciones, y el otro podrá revisarlas para garantizar que sean coherentes y su calidad sea buena.

- *Cualquier usuario* puede editar traducciones no aprobadas.
- Los *revisores* pueden aprobar o desaprobar las cadenas.
- Los *revisores* pueden editar todas las traducciones (incluidas las aprobadas).
- Es posible asimismo emplear las sugerencias para proponer modificaciones a las cadenas aprobadas.

Configuración	Value	Nota
Activar revisiones	activada	Configured at project level.
Activar sugerencias	desactivada	It is useful for users to be able to suggest when they are not sure.
Votar sugerencias	desactivada	
Aceptar sugerencias automáticamente	0	
Grupo de traductores	*Users*	Or *Translate* with *Control de acceso*.
Grupo de revisores	*Revisores*	Or *Review* with *Control de acceso*.

1.8.6 Turning on reviews

Reviews can be turned on in the project configuration, from the *Workflow* subpage of project settings (to be found in the *Manage* → *Settings* menu):

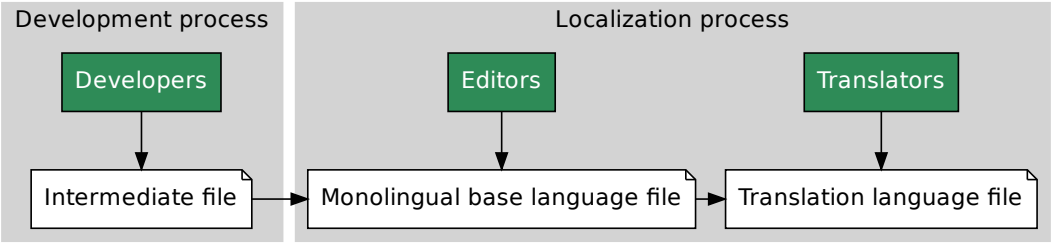


Nota: Depending on Weblate configuration, the setting might not be available to you. For example on Hosted Weblate this is not available for projects hosted for free.

1.8.7 Quality gateway for the source strings

In many cases the original source language strings are coming from developers, because they write the code and provide initial strings. However developers are often not a native speakers in the source language and do not provide desired quality of the source strings. The intermediate translation can help you in addressing this - there is additional quality gateway for the strings between developers and translators and users.

By setting *Archivo de idioma intermediario*, this file will be used as source for the strings, but it will be edited to source language to polish it. Once the string is ready in the source language, it will be also available for translators to translate into additional languages.



Ver también:

Archivo de idioma intermediario, *Archivo de base monolingüe*, *Formatos bilingües y monolingües*

1.8.8 Source strings reviews

With *Activar revisiones de origen* enabled, the review process can be applied on the source strings. Once enabled, users can report issues in the source strings. The actual process depends on whether you use bilingual or monolingual formats.

For monolingual formats, the source string review behaves similarly as with *Revisores dedicados* - once issue is reported on the source string, it is marked as *Needs editing*.

The bilingual formats do not allow direct editing of the source strings (these are typically extracted directly from the source code). In this case *Source needs review* label is attached to strings reported by translators. You should review such strings and either edit them in the source or remove the label.

Ver también:

Formatos bilingües y monolingües, *Revisores dedicados*, *Etiquetas de cadena*

1.9 Preguntas frecuentes

1.9.1 Configuración

¿Cómo se crea un flujo de trabajo automatizado?

Weblate can handle all the translation things semi-automatically for you. If you give it push access to your repository, the translations can happen without interaction, unless some merge conflict occurs.

1. Set up your Git repository to tell Weblate when there is any change, see *Actuadores de notificaciones* for info on how to do it.
2. Set a push URL at your *Configuración de componentes* in Weblate, this allows Weblate to push changes to your repository.
3. Turn on push-on-commit on your *Configuración de proyectos* in Weblate, this will make Weblate push changes to your repository whenever they happen at Weblate.

Ver también:

Regionalización continua, *Avoiding merge conflicts*

How to access repositories over SSH?

Please see *Accessing repositories* for info on setting up SSH keys.

How to fix merge conflicts in translations?

Merge conflicts happen from time to time when the translation file is changed in both Weblate and the upstream repository concurrently. You can usually avoid this by merging Weblate translations prior to making changes in the translation files (e.g. before running msgmerge). Just tell Weblate to commit all pending translations (you can do it in *Repository maintenance* in the *Manage* menu) and merge the repository (if automatic push is not on).

If you've already ran into a merge conflict, the easiest way is to solve all conflicts locally at your workstation - is to simply add Weblate as a remote repository, merge it into upstream and fix any conflicts. Once you push changes back, Weblate will be able to use the merged version without any other special actions.

Nota: Depending on your setup, access to the Weblate repository might require authentication. When using the built in *Git exporter* in Weblate, you authenticate with your username and the API key.

```
# Commit all pending changes in Weblate, you can do this in the UI as well:
wlc commit
# Lock the translation in Weblate, again this can be done in the UI as well:
wlc lock
# Add Weblate as remote:
git remote add weblate https://hosted.weblate.org/git/project/component/
# You might need to include credentials in some cases:
git remote add weblate https://username:APIKEY@hosted.weblate.org/git/project/
↪component/

# Update weblate remote:
git remote update weblate

# Merge Weblate changes:
git merge weblate/master

# Resolve conflicts:
edit …
```

(continué en la próxima página)

(proviene de la página anterior)

```
git add …
…
git commit

# Push changes to upstream repository, Weblate will fetch merge from there:
git push

# Open Weblate for translation:
wlc unlock
```

If you're using multiple branches in Weblate, you can do the same to all of them:

```
# Add and update Weblate remotes
git remote add weblate-one https://hosted.weblate.org/git/project/one/
git remote add weblate-second https://hosted.weblate.org/git/project/second/
git remote update weblate-one weblate-second

# Merge QA_4_7 branch:
git checkout QA_4_7
git merge weblate-one/QA_4_7
... # Resolve conflicts
git commit

# Merge master branch:
git checkout master
git merge weblates-second/master
... # Resolve conflicts
git commit

# Push changes to the upstream repository, Weblate will fetch the merge from there:
git push
```

In case of gettext PO files, there is a way to merge conflicts in a semi-automatic way:

Fetch and keep a local clone of the Weblate Git repository. Also get a second fresh local clone of the upstream Git repository (i. e. you need two copies of the upstream Git repository: An intact and a working copy):

```
# Add remote:
git remote add weblate /path/to/weblate/snapshot/

# Update Weblate remote:
git remote update weblate

# Merge Weblate changes:
git merge weblate/master

# Resolve conflicts in the PO files:
for PO in `find . -name '*.po'` ; do
    msgcat --use-first /path/to/weblate/snapshot/$PO\
               /path/to/upstream/snapshot/$PO -o $PO.merge
    msgmerge --previous --lang=${PO%.po} $PO.merge domain.pot -o $PO
    rm $PO.merge
    git add $PO
done
git commit

# Push changes to the upstream repository, Weblate will fetch merge from there:
git push
```

Ver también:

How to export the Git repository that Weblate uses?, *Regionalización continua*, *Avoiding merge conflicts*

¿Cómo traduzco varias ramas al mismo tiempo?

Weblate supports pushing translation changes within one *Configuración de proyectos*. For every *Configuración de componentes* which has it turned on (the default behavior), the change made is automatically propagated to others. This way translations are kept synchronized even if the branches themselves have already diverged quite a lot, and it is not possible to simply merge translation changes between them.

Once you merge changes from Weblate, you might have to merge these branches (depending on your development workflow) discarding differences:

```
git merge -s ours origin/maintenance
```

Ver también:

Mantener iguales las traducciones entre los componentes

How to translate multi-platform projects?

Weblate supports a wide range of file formats (see *Formatos de archivo admitidos*) and the easiest approach is to use the native format for each platform.

Once you have added all platform translation files as components in one project (see *Añadir proyectos y componentes de traducción*), you can utilize the translation propagation feature (turned on by default, and can be turned off in the *Configuración de componentes*) to translate strings for all platforms at once.

Ver también:

Mantener iguales las traducciones entre los componentes

How to export the Git repository that Weblate uses?

There is nothing special about the repository, it lives under the `DATA_DIR` directory and is named `vcs/<project>/<component>/`. If you have SSH access to this machine, you can use the repository directly.

For anonymous access, you might want to run a Git server and let it serve the repository to the outside world.

Alternatively, you can use *Git exporter* inside Weblate to automate this.

What are the options for pushing changes back upstream?

This heavily depends on your setup, Weblate is quite flexible in this area. Here are examples of some workflows used with Weblate:

- Weblate automatically pushes and merges changes (see *¿Cómo se crea un flujo de trabajo automatizado?*).
- You manually tell Weblate to push (it needs push access to the upstream repository).
- Somebody manually merges changes from the Weblate git repository into the upstream repository.
- Somebody rewrites history produced by Weblate (e.g. by eliminating merge commits), merges changes, and tells Weblate to reset the content in the upstream repository.

Of course you are free to mix all of these as you wish.

How can I limit Weblate access to only translations, without exposing source code to it?

You can use git submodule for separating translations from source code while still having them under version control.

1. Create a repository with your translation files.
2. Add this as a submodule to your code:

```
git submodule add git@example.com:project-translations.git path/to/translations
```

3. Link Weblate to this repository, it no longer needs access to the repository containing your source code.
4. You can update the main repository with translations from Weblate by:

```
git submodule update --remote path/to/translations
```

Please consult the git submodule documentation for more details.

How can I check whether my Weblate is set up properly?

Weblate includes a set of configuration checks which you can see in the admin interface, just follow the *Performance report* link in the admin interface, or open the `/manage/performance/` URL directly.

Why are all commits committed by Weblate <noreply@weblate.org>?

This is the default committer name, configured when you create a translation component. You can change it in the administration at any time.

The author of every commit (if the underlying VCS supports it) is still recorded correctly as the user that made the translation.

Ver también:

Configuración de componentes

1.9.2 Uso

How do I review the translations of others?

- You can subscribe to any changes made in *Notificaciones* and then check others contributions as they come in by e-mail.
- There is a review tool available at the bottom of the translation view, where you can choose to browse translations made by others since a given date.

How do I provide feedback on a source string?

On context tabs below translation, you can use the *Comments* tab to provide feedback on a source string, or discuss it with other translators.

How can I use existing translations while translating?

- Use the import functionality to load compendium as translations, suggestions or translations needing review. This is the best approach for a one-time translation using a compendium or a similar translation database.
- You can set up *tmserver* with all databases you have and let Weblate use it. This is good when you want to use it several times during translation.
- Another option is to translate all related projects in a single Weblate instance, which will make it automatically pick up translations from other projects as well.

Ver también:

Traducción automática, *Sugerencias automáticas*

Does Weblate update translation files besides translations?

Weblate tries to limit changes in translation files to a minimum. For some file formats it might unfortunately lead to reformatting the file. If you want to keep the file formatted your way, please use a pre-commit hook for that.

For monolingual files (see *Formatos de archivo admitidos*) Weblate might add new translation strings not present in the *template*, and not in actual translations. It does not however perform any automatic cleanup of stale strings as that might have unexpected outcomes. If you want to do this, please install a pre-commit hook which will handle the cleanup according to your requirements.

Weblate also will not try to update bilingual files in any way, so if you need `po` files being updated from `pot`, you need to do it yourself.

Ver también:

Procesar el repositorio con secuencias

Where do language definitions come from and how can I add my own?

The basic set of language definitions is included within Weblate and Translate-toolkit. This covers more than 150 languages and includes info about plural forms or text direction.

You are free to define your own languages in the administrative interface, you just need to provide info about it.

Can Weblate highlight changes in a fuzzy string?

Weblate supports this, however it needs the data to show the difference.

For Gettext PO files, you have to pass the parameter `--previous` to **`msgmerge`** when updating PO files, for example:

```
msgmerge --previous -U po/cs.po po/phpmyadmin.pot
```

For monolingual translations, Weblate can find the previous string by ID, so it shows the differences automatically.

Why does Weblate still show old translation strings when I've updated the template?

Weblate does not try to manipulate the translation files in any way other than allowing translators to translate. So it also does not update the translatable files when the template or source code have been changed. You simply have to do this manually and push changes to the repository, Weblate will then pick up the changes automatically.

Nota: It is usually a good idea to merge changes done in Weblate before updating translation files, as otherwise you will usually end up with some conflicts to merge.

For example with gettext PO files, you can update the translation files using the **msgmerge** tool:

```
msgmerge -U locale/cs/LC_MESSAGES/django.mo locale/django.pot
```

In case you want to do the update automatically, you can install addon *Actualizar archivos PO para que coincidan con POT (msgmerge)*.

1.9.3 Troubleshooting

Requests sometimes fail with «too many open files» error

This happens sometimes when your Git repository grows too much and you have many of them. Compressing the Git repositories will improve this situation.

The easiest way to do this is to run:

```
# Go to DATA_DIR directory
cd data/vcs
# Compress all Git repositories
for d in */* ; do
    pushd $d
    git gc
    popd
done
```

Ver también:

DATA_DIR

When accessing the site I get a «Bad Request (400)» error

This is most likely caused by an improperly configured *ALLOWED_HOSTS*. It needs to contain all hostnames you want to access on your Weblate. For example:

```
ALLOWED_HOSTS = ['weblate.example.com', 'weblate', 'localhost']
```

Ver también:

Allowed hosts setup

What does mean «There are more files for the single language (en)»?

This typically happens when you have translation file for source language. Weblate keeps track of source strings and reserves source language for this. The additional file for same language is not processed.

- In case the translation to the source language is desired, please change the *Idioma del código fuente* in the component settings.
- En caso de que no se necesite el archivo de traducción correspondiente al idioma de origen, elimínelo del repositorio.
- En caso de que se necesite el archivo de traducción del idioma de origen pero Weblate debería ignorarlo, ajuste el *Filtro de idioma* para excluirlo.

1.9.4 Funciones

¿Weblate admite sistemas de control de versiones aparte de Git y Mercurial?

Weblate currently does not have native support for anything other than *Git* (with extended support for *GitHub*, *Gerrit* and *Subversion*) and *Mercurial*, but it is possible to write backends for other VCSes.

You can also use *Auxiliares remotos de Git* in Git to access other VCSes.

Weblate also supports VCS less operation, see *Archivos locales*.

Nota: For native support of other VCSes, Weblate requires using distributed VCS, and could probably be adjusted to work with anything other than Git and Mercurial, but somebody has to implement this support.

Ver también:

Integración de control de versiones

¿Cómo Weblate da crédito a los traductores?

Every change made in Weblate is committed into VCS under the translators name. This way every single change has proper authorship, and you can track it down using the standard VCS tools you use for code.

Additionally, when the translation file format supports it, the file headers are updated to include the translator's name.

Ver también:

`list_translators`, *Translation progress reporting*

¿Por qué Weblate fuerza la visualización de todos los archivos PO en un único árbol?

Weblate was designed in a way that every PO file is represented as a single component. This is beneficial for translators, so they know what they are actually translating. If you feel your project should be translated as one, consider merging these po files. It will make life easier even for translators not using Weblate.

Nota: In case there is great demand for this feature, it might be implemented in future versions.

¿Por qué Weblate utiliza códigos de idioma tales como sr_Latn o zh_Hant?

These are language codes defined by **RFC 4646** to better indicate that they are really different languages instead previously wrongly used modifiers (for `@latin` variants) or country codes (for Chinese).

Weblate still understands legacy language codes and will map them to current one - for example `sr@latin` will be handled as `sr_Latn` or `zh@CN` as `zh_Hans`.

1.10 Formatos de archivo admitidos

Weblate supports most translation format understood by translate-toolkit, however each format being slightly different, some issues with formats that are not well tested can arise.

Ver también:

Translation Related File Formats

Nota: When choosing a file format for your application, it's better to stick some well established format in the toolkit/platform you use. This way your translators can additionally use whatever tools they are used to, and will more likely contribute to your project.

1.10.1 Formatos bilingües y monolingües

Both monolingual and bilingual formats are supported. Bilingual formats store two languages in single file—source and translation (typical examples are *GNU gettext*, *XLIFF* or *Cadenas de iOS de Apple*). On the other side, monolingual formats identify the string by ID, and each language file contains only the mapping of those to any given language (typically *Recursos de cadenas de Android*). Some file formats are used in both variants, see the detailed description below.

For correct use of monolingual files, Weblate requires access to a file containing complete list of strings to translate with their source—this file is called *Archivo de base monolingüe* within Weblate, though the naming might vary in your paradigm.

Additionally this workflow can be extended by utilizing *Archivo de idioma intermediario* to include strings provided by developers, but not to be used as is in the final strings.

1.10.2 Detección automática

Weblate can automatically detect several widespread file formats, but this detection can harm your performance and will limit features specific to given file format (for example automatic addition of new translations).

1.10.3 Translation types capabilities

Capabilities of all supported formats:

Format	Linguality[1]	Plurals[2]	Comments[3]	Context[4]	Location[5]	Flags[8]	Additional states[6]
GNU gettext	bilingual	yes	yes	yes	yes	yes[9]	needs editing
Monolingual gettext	mono	yes	yes	yes	yes	yes[9]	needs editing

continué en la próxima página

Tabla 3 – proviene de la página anterior

Format	Linguality[1]	Plurals[2]	Comments[3]	Context[4]	Location[5]	Flags[8]	Additional states[6]
XLIFF	both	yes	yes	yes	yes	yes[10]	needs editing, approved
Java properties	both	no	yes	no	no	no	
GWT properties	mono	yes	yes	no	no	no	
Traducciones para Joomla	mono	no	yes	no	yes	no	
.ts de Qt Linguist	both	yes	yes	no	yes	yes[10]	needs editing
Recursos de cadenas de Android	mono	yes	yes[7]	no	no	yes[10]	
Cadenas de iOS de Apple	bilingual	no	yes	no	no	no	
Cadenas de PHP	mono	no[11]	yes	no	no	no	
Archivos JSON	mono	no	no	no	no	no	
Archivos JSON de i18next	mono	yes	no	no	no	no	
Archivos JSON de go-i18n	mono	yes	no	no	no	no	
Archivo ARB	mono	yes	yes	no	no	no	
JSON para WebExtension	mono	yes	yes	no	no	no	
.XML resource files	mono	no	yes	no	no	yes[10]	
Archivos CSV	mono	no	yes	yes	yes	no	needs editing
YAML files	mono	no	yes	no	no	no	
Ruby YAML files	mono	yes	yes	no	no	no	
DTD files	mono	no	no	no	no	no	
Flat XML	mono	no	no	no	no	yes[10]	
Archivos RC de Windows	mono	no	yes	no	no	no	
Open XML de Excel	mono	no	yes	yes	yes	no	needs editing

continué en la próxima página

Tabla 3 – proviene de la página anterior

Format	Linguality[1]	Plurals[2]	Comments[3]	Context[4]	Location[5]	Flags[8]	Additional states[6]
Archivos de metadatos de tiendas de aplicaciones	mono	no	no	no	no	no	
Archivos de subtítulos	mono	no	no	no	yes	no	
Archivos HTML	mono	no	no	no	no	no	
Formato OpenDocument	mono	no	no	no	no	no	
Formato IDML	mono	no	no	no	no	no	
Traducciones en INI	mono	no	no	no	no	no	
Traducciones de INI de Inno Setup	mono	no	no	no	no	no	

1.10.4 GNU gettext

Most widely used format for translating libre software. This was first format supported by Weblate and still has the best support.

Contextual info stored in the file is supported by adjusting its headers or linking to corresponding source files.

The bilingual gettext PO file typically looks like this:

```
#: weblate/media/js/bootstrap-datepicker.js:1421
msgid "Monday"
msgstr "Pondělí"

#: weblate/media/js/bootstrap-datepicker.js:1421
msgid "Tuesday"
msgstr "Úterý"

#: weblate/accounts/avatar.py:163
msgctxt "No known user"
msgid "None"
msgstr "Žádný"
```

[1] See *Formatos bilingües y monolingües*
[2] Plurals are necessary to properly localize strings with variable count.
[3] Comments can be used to pass additional info about the string to translate.
[4] Context is used to differentiate identical strings used in different scopes (for example *Sun* can be used as an abbreviated name of the day «Sunday» or as the name of our closest star).
[5] Location of a string in source code might help proficient translators figure out how the string is used.
[8] See *Personalizar el comportamiento*
[6] Additional states supported by the file format in addition to «Not translated» and «Translated».
[9] The gettext type comments are used as flags.
[10] The flags are extracted from the non-standard attribute `weblate-flags` for all XML based formats. Additionally `max-length:N` is supported through the `maxwidth` attribute as defined in the XLIFF standard, see *Specifying translation flags*.
[7] XML comment placed before the `<string>` element, parsed as a developer comment.
[11] The plurals are supported only for Laravel which uses in string syntax to define them, see Localization in Laravel.

Typical Weblate *Configuración de componentes*	
Máscara de archivos	`po/*.po`
Archivo de base monolingüe	*Empty*
Plantilla para traducciones nuevas	`po/messages.pot`
Formato de archivo	*Gettext PO file*

Ver también:

Translating software using GNU Gettext, *Translating documentation using Sphinx*, Gettext on Wikipedia, PO Files, *Actualizar variable ALL_LINGUAS en el archivo «configure»*, *Personalizar la salida de gettext*, *Actualizar archivo LINGUAS*, *Generar archivos MO*, *Actualizar archivos PO para que coincidan con POT (msgmerge)*

Monolingual gettext

Some projects decide to use gettext as monolingual formats—they code just the IDs in their source code and the string then needs to be translated to all languages, including English. This is supported, though you have to choose this file format explicitly when importing components into Weblate.

The monolingual gettext PO file typically looks like this:

```
#: weblate/media/js/bootstrap-datepicker.js:1421
msgid "day-monday"
msgstr "Pondělí"

#: weblate/media/js/bootstrap-datepicker.js:1421
msgid "day-tuesday"
msgstr "Úterý"

#: weblate/accounts/avatar.py:163
msgid "none-user"
msgstr "Žádný"
```

While the base language file will be:

```
#: weblate/media/js/bootstrap-datepicker.js:1421
msgid "day-monday"
msgstr "Monday"

#: weblate/media/js/bootstrap-datepicker.js:1421
msgid "day-tuesday"
msgstr "Tuesday"

#: weblate/accounts/avatar.py:163
msgid "none-user"
msgstr "None"
```

Typical Weblate *Configuración de componentes*	
Máscara de archivos	`po/*.po`
Archivo de base monolingüe	`po/en.po`
Plantilla para traducciones nuevas	`po/messages.pot`
Formato de archivo	*Gettext PO file (monolingual)*

1.10.5 XLIFF

XML-based format created to standardize translation files, but in the end it is one of many standards, in this area.

XML Localization Interchange File Format (XLIFF) is usually used as bilingual, but Weblate supports it as monolingual as well.

Ver también:

XML Localization Interchange File Format (XLIFF) specification

Translation states

Distinto en la versión 3.3: Weblate ignored the state attribute prior to the 3.3 release.

The `state` attribute in the file is partially processed and mapped to the «Needs edit» state in Weblate (the following states are used to flag the string as needing edit if there is a target present: `new`, `needs-translation`, `needs-adaptation`, `needs-l10n`). Should the `state` attribute be missing, a string is considered translated as soon as a `<target>` element exists.

If the translation string has `approved="yes"`, it will also be imported into Weblate as «Approved», anything else will be imported as «Waiting for review» (which matches the XLIFF specification).

While saving, Weblate doesn't add those attributes unless necessary:

- The `state` attribute is only added in case string is marked as needing edit.
- The `approved` attribute is only added in case string has been reviewed.
- In other cases the attributes are not added, but they are updated in case they are present.

That means that when using the XLIFF format, it is strongly recommended to turn on the Weblate review process, in order to see and change the approved state of strings.

See *Revisores dedicados*.

Similarly upon importing such files (in the upload form), you should choose *Import as translated* under *Processing of strings needing edit*.

Whitespace and newlines in XLIFF

Generally types or amounts of whitespace is not differentiated between in XML formats. If you want to keep it, you have to add the `xml:space="preserve"` flag to the string.

For example:

```
    <trans-unit id="10" approved="yes">
        <source xml:space="preserve">hello</source>
        <target xml:space="preserve">Hello, world!
</target>
    </trans-unit>
```

Specifying translation flags

You can specify additional translation flags (see *Personalizar el comportamiento*) by using the `weblate-flags` attribute. Weblate also understands `maxwidth` and `font` attributes from the XLIFF specification:

```
<trans-unit id="10" maxwidth="100" size-unit="pixel" font="ubuntu;22;bold">
   <source>Hello %s</source>
</trans-unit>
<trans-unit id="20" maxwidth="100" size-unit="char" weblate-flags="c-format">
   <source>Hello %s</source>
</trans-unit>
```

The `font` attribute is parsed for font family, size and weight, the above example shows all of that, though only font family is required. Any whitespace in the font family is converted to underscore, so `Source Sans Pro` becomes `Source_Sans_Pro`, please keep that in mind when naming the font group (see *Gestionar tipos de letra*).

Typical Weblate *Configuración de componentes* for bilingual XLIFF	
Máscara de archivos	`localizations/*.xliff`
Archivo de base monolingüe	*Empty*
Plantilla para traducciones nuevas	`localizations/en-US.xliff`
Formato de archivo	*XLIFF Translation File*

Typical Weblate *Configuración de componentes* for monolingual XLIFF	
File mask	`localizations/*.xliff`
Archivo de base monolingüe	`localizations/en-US.xliff`
Plantilla para traducciones nuevas	`localizations/en-US.xliff`
Formato de archivo	*XLIFF Translation File*

Ver también:

XLIFF on Wikipedia, XLIFF, font attribute in XLIFF 1.2, maxwidth attribute in XLIFF 1.2

1.10.6 Java properties

Native Java format for translations.

Java properties are usually used as monolingual translations.

Weblate supports ISO-8859-1, UTF-8 and UTF-16 variants of this format. All of them support storing all Unicode characters, it is just differently encoded. In the ISO-8859-1, the Unicode escape sequences are used (for example `zkou\u0161ka`), all others encode characters directly either in UTF-8 or UTF-16.

Nota: Loading escape sequences works in UTF-8 mode as well, so please be careful choosing the correct encoding set to match your application needs.

Typical Weblate *Configuración de componentes*	
Máscara de archivos	`src/app/Bundle_*.properties`
Archivo de base monolingüe	`src/app/Bundle.properties`
Plantilla para traducciones nuevas	*Empty*
Formato de archivo	*Java Properties (ISO-8859-1)*

Ver también:

Java properties on Wikipedia, Mozilla and Java properties files, *Formatea el archivo de propiedades de Java*, *Limpieza de archivos de traducción*

1.10.7 GWT properties

Native GWT format for translations.

GWT properties are usually used as monolingual translations.

Typical Weblate *Configuración de componentes*	
Máscara de archivos	`src/app/Bundle_*.properties`
Archivo de base monolingüe	`src/app/Bundle.properties`
Plantilla para traducciones nuevas	*Empty*
Formato de archivo	*GWT Properties*

Ver también:

GWT localization guide Mozilla and Java properties files, *Formatea el archivo de propiedades de Java*, *Limpieza de archivos de traducción*

1.10.8 Traducciones en INI

Nuevo en la versión 4.1.

INI file format for translations.

INI translations are usually used as monolingual translations.

Typical Weblate *Configuración de componentes*	
Máscara de archivos	`language/*.ini`
Archivo de base monolingüe	`language/en.ini`
Plantilla para traducciones nuevas	*Empty*
Formato de archivo	*Archivo INI*

Ver también:

INI Files, *Traducciones para Joomla*, *Traducciones de INI de Inno Setup*

1.10.9 Traducciones de INI de Inno Setup

Nuevo en la versión 4.1.

Inno Setup INI file format for translations.

Normalmente, las traducciones de archivos INI de Inno Setup se configuran como monolingües.

Nota: La única diferencia importante con *Traducciones en INI* es que se admiten los sustitutorios `%n` y `%t` para insertar saltos de renglón y tabuladores, respectivamente.

Typical Weblate *Configuración de componentes*	
Máscara de archivos	`language/*.islu`
Archivo de base monolingüe	`language/en.islu`
Plantilla para traducciones nuevas	*Empty*
Formato de archivo	*Archivo INI de Inno Setup*

Nota: Por ahora, solo se admiten los archivos en codificación Unicode (`.islu`), no los ANSI (`.isl`).

Ver también:

INI Files, *Traducciones para Joomla*, *Traducciones en INI*

1.10.10 Traducciones para Joomla

Nuevo en la versión 2.12.

Formato nativo de Joomla para traducciones.

Joomla translations are usually used as monolingual translations.

Typical Weblate *Configuración de componentes*	
Máscara de archivos	`language/*/com_foobar.ini`
Archivo de base monolingüe	`language/en-GB/com_foobar.ini`
Plantilla para traducciones nuevas	*Empty*
Formato de archivo	*Archivo de idioma de Joomla*

Ver también:

Specification of Joomla language files, Mozilla and Java properties files, *Traducciones en INI*, *Traducciones de INI de Inno Setup*

1.10.11 .ts de Qt Linguist

Formato de traducción utilizado en aplicaciones programadas con Qt.

Qt Linguist files are used as both bilingual and monolingual translations.

Typical Weblate *Configuración de componentes* when using as bilingual	
Máscara de archivos	`i18n/app.*.ts`
Archivo de base monolingüe	*Empty*
Plantilla para traducciones nuevas	`i18n/app.de.ts`
Formato de archivo	*Archivo de traducción de Qt Linguist*

Typical Weblate *Configuración de componentes* when using as monolingual	
Máscara de archivos	`i18n/app.*.ts`
Archivo de base monolingüe	`i18n/app.en.ts`
Plantilla para traducciones nuevas	`i18n/app.en.ts`
Formato de archivo	*Archivo de traducción de Qt Linguist*

Ver también:

Qt Linguist manual, Qt .ts, *Formatos bilingües y monolingües*

1.10.12 Recursos de cadenas de Android

Formato de archivo específico de Android para traducir aplicaciones.

Android string resources are monolingual, the *Archivo de base monolingüe* file is stored in a different location from the others `res/values/strings.xml`.

Typical Weblate *Configuración de componentes*	
Máscara de archivos	`res/values-*/strings.xml`
Archivo de base monolingüe	`res/values/strings.xml`
Plantilla para traducciones nuevas	*Empty*
Formato de archivo	*Recurso de cadenas de Android*

Ver también:

Android string resources documentation, Android string resources

Nota: Android *string-array* structures are not currently supported. To work around this, you can break your string arrays apart:

```
<string-array name="several_strings">
    <item>First string</item>
    <item>Second string</item>
</string-array>
```

become:

```
<string-array name="several_strings">
    <item>@string/several_strings_0</item>
    <item>@string/several_strings_1</item>
</string-array>
<string name="several_strings_0">First string</string>
<string name="several_strings_1">Second string</string>
```

The *string-array* that points to the *string* elements should be stored in a different file, and not be made available for translation.

This script may help pre-process your existing strings.xml files and translations: https://gist.github.com/paour/11291062

1.10.13 Cadenas de iOS de Apple

Apple specific file format for translating applications, used for both iOS and iPhone/iPad application translations.

Apple iOS strings are usually used as bilingual translations.

Typical Weblate *Configuración de componentes*	
Máscara de archivos	`Resources/*.lproj/Localizable.strings`
Archivo de base monolingüe	`Resources/en.lproj/Localizable.strings` or `Resources/Base.lproj/Localizable.strings`
Plantilla para traducciones nuevas	*Empty*
Formato de archivo	*Cadenas de iOS (UTF-8)*

Ver también:

Apple «strings files» documentation, Mac OSX strings

1.10.14 Cadenas de PHP

PHP translations are usually monolingual, so it is recommended to specify a base file with (what is most often the) English strings.

Archivo de ejemplo:

```
<?php
$LANG['foo'] = 'bar';
$LANG['foo1'] = 'foo bar';
$LANG['foo2'] = 'foo bar baz';
$LANG['foo3'] = 'foo bar baz bag';
```

Typical Weblate *Configuración de componentes*	
Máscara de archivos	`lang/*/texts.php`
Archivo de base monolingüe	`lang/en/texts.php`
Plantilla para traducciones nuevas	`lang/en/texts.php`
Formato de archivo	*Cadenas de PHP*

Cadenas PHP de Laravel

Distinto en la versión 4.1.

The Laravel PHP localization files are supported as well with plurals:

```
<?php
return [
    'apples' => 'There is one apple|There are many apples',
];
```

Ver también:

PHP, Localization in Laravel

1.10.15 Archivos JSON

Nuevo en la versión 2.0.

Distinto en la versión 2.16: Since Weblate 2.16 and with translate-toolkit at-least 2.2.4, nested structure JSON files are supported as well.

Distinto en la versión 4.3: The structure of JSON file is properly preserved even for complex situations which were broken in prior releases.

El formato JSON se utiliza más a menudo para traducir aplicaciones creadas en JavaScript.

Weblate currently supports several variants of JSON translations:

- Simple key / value files, used for example by *vue-i18n* or *react-intl*.
- Archivos con claves anidadas.
- *Archivos JSON de i18next*
- *Archivos JSON de go-i18n*
- *JSON para WebExtension*
- *Archivo ARB*

JSON translations are usually monolingual, so it is recommended to specify a base file with (what is most often the) English strings.

Archivo de ejemplo:

```
{
  "Hello, world!\n": "Ahoj světe!\n",
  "Orangutan has %d banana.\n": "",
  "Try Weblate at https://demo.weblate.org/!\n": "",
  "Thank you for using Weblate.": ""
}
```

Nested files are supported as well (see above for requirements), such a file can look like:

```
{
  "weblate": {
    "hello": "Ahoj světe!\n",
    "orangutan": "",
    "try": "",
    "thanks": ""
  }
}
```

Consejo: The *JSON file* and *JSON nested structure file* can both handle same type of files. The only difference between them is when adding new strings. The nested variant tries to parse the key and insert the new string into the matching structure.

Typical Weblate *Configuración de componentes*	
Máscara de archivos	`langs/translation-*.json`
Archivo de base monolingüe	`langs/translation-en.json`
Plantilla para traducciones nuevas	*Empty*
Formato de archivo	*JSON nested structure file*

Ver también:

JSON, *Personalizar la salida de JSON*, *Limpieza de archivos de traducción*,

1.10.16 Archivos JSON de i18next

Distinto en la versión 2.17: Since Weblate 2.17 and with translate-toolkit at-least 2.2.5, i18next JSON files with plurals are supported as well.

i18next is an internationalization framework written in and for JavaScript. Weblate supports its localization files with features such as plurals.

i18next translations are monolingual, so it is recommended to specify a base file with (what is most often the) English strings.

Nota: Weblate supports the i18next JSON v3 format. The v2 and v1 variants are mostly compatible, with exception of how plurals are handled.

Archivo de ejemplo:

```
{
  "hello": "Hello",
  "apple": "I have an apple",
  "apple_plural": "I have {{count}} apples",
  "apple_negative": "I have no apples"
}
```

Typical Weblate *Configuración de componentes*	
Máscara de archivos	`langs/*.json`
Archivo de base monolingüe	`langs/en.json`
Plantilla para traducciones nuevas	*Empty*
Formato de archivo	*Archivo JSON de i18next*

Ver también:

JSON, i18next JSON Format, *Personalizar la salida de JSON*, *Limpieza de archivos de traducción*

1.10.17 Archivos JSON de go-i18n

Nuevo en la versión 4.1.

go-i18n translations are monolingual, so it is recommended to specify a base file with (what is most often the) English strings.

Nota: Weblate supports the go-i18n JSON v1 format, for flat JSON formats please use *Archivos JSON*. The v2 format with hash is currently not supported.

Typical Weblate *Configuración de componentes*	
Máscara de archivos	`langs/*.json`
Archivo de base monolingüe	`langs/en.json`
Plantilla para traducciones nuevas	*Empty*
Formato de archivo	*Archivo JSON de go-i18n*

Ver también:

JSON, go-i18n, *Personalizar la salida de JSON*, *Limpieza de archivos de traducción*,

1.10.18 Archivo ARB

Nuevo en la versión 4.1.

ARB translations are monolingual, so it is recommended to specify a base file with (what is most often the) English strings.

Typical Weblate *Configuración de componentes*	
Máscara de archivos	`lib/l10n/intl_*.arb`
Archivo de base monolingüe	`lib/l10n/intl_en.arb`
Plantilla para traducciones nuevas	*Empty*
Formato de archivo	*Archivo ARB*

Ver también:

JSON, Application Resource Bundle Specification, Internationalizing Flutter apps, *Personalizar la salida de JSON*, *Limpieza de archivos de traducción*

1.10.19 JSON para WebExtension

Nuevo en la versión 2.16: This is supported since Weblate 2.16 and with translate-toolkit at-least 2.2.4.

File format used when translating extensions for Mozilla Firefox or Google Chromium.

Nota: While this format is called JSON, its specification allows to include comments, which are not part of JSON specification. Weblate currently does not support file with comments.

Archivo de ejemplo:

```
{
  "hello": {
    "message": "Ahoj světe!\n",
    "description": "Description",
    "placeholders": {
      "url": {
```

(continué en la próxima página)

(proviene de la página anterior)

```
        "content": "$1",
        "example": "https://developer.mozilla.org"
      }
    }
  },
  "orangutan": {
    "message": "",
    "description": "Description"
  },
  "try": {
    "message": "",
    "description": "Description"
  },
  "thanks": {
    "message": "",
    "description": "Description"
  }
}
```

Typical Weblate *Configuración de componentes*	
Máscara de archivos	`_locales/*/messages.json`
Archivo de base monolingüe	`_locales/en/messages.json`
Plantilla para traducciones nuevas	*Empty*
Formato de archivo	*Archivo JSON para WebExtension*

Ver también:

JSON, Google chrome.i18n, Mozilla Extensions Internationalization

1.10.20 .XML resource files

Nuevo en la versión 2.3.

A .XML resource (.resx) file employs a monolingual XML file format used in Microsoft .NET applications. It is interchangeable with .resw, when using identical syntax to .resx.

Typical Weblate *Configuración de componentes*	
Máscara de archivos	`Resources/Language.*.resx`
Archivo de base monolingüe	`Resources/Language.resx`
Plantilla para traducciones nuevas	*Empty*
Formato de archivo	*Archivo de recursos de .NET*

Ver también:

.NET Resource files (.resx), *Limpieza de archivos de traducción*,

1.10.21 Archivos CSV

Nuevo en la versión 2.4.

CSV files can contain a simple list of source and translation. Weblate supports the following files:

- Files with header defining fields (source, translation, location, …). This is the recommended approach, as it is the least error prone.
- Files with two fields—source and translation (in this order), choose *Simple CSV file* as file format
- Files with fields as defined by translate-toolkit: location, source, target, ID, fuzzy, context, translator_comments, developer_comments

Advertencia: The CSV format currently automatically detects the dialect of the CSV file. In some cases the automatic detection might fail and you will get mixed results. This is especially true for CSV files with newlines in the values. As a workaround it is recommended to omit quoting characters.

Archivo de ejemplo:

```
Thank you for using Weblate.,Děkujeme za použití Weblate.
```

Typical Weblate *Configuración de componentes*	
Máscara de archivos	`locale/*.csv`
Archivo de base monolingüe	*Empty*
Plantilla para traducciones nuevas	`locale/en.csv`
Formato de archivo	*Archivo CSV*

Ver también:

CSV

1.10.22 YAML files

Nuevo en la versión 2.9.

The plain YAML files with string keys and values. Weblate also extract strings from lists or dictionaries.

Example of a YAML file:

```
weblate:
  hello: ""
  orangutan": ""
  try": ""
  thanks": ""
```

Typical Weblate *Configuración de componentes*	
Máscara de archivos	`translations/messages.*.yml`
Archivo de base monolingüe	`translations/messages.en.yml`
Plantilla para traducciones nuevas	*Empty*
Formato de archivo	*YAML file*

Ver también:

YAML, *Ruby YAML files*

1.10.23 Ruby YAML files

Nuevo en la versión 2.9.

Ruby i18n YAML files with language as root node.

Example Ruby i18n YAML file:

```
cs:
  weblate:
    hello: ""
    orangutan: ""
    try: ""
    thanks: ""
```

Typical Weblate *Configuración de componentes*	
Máscara de archivos	`translations/messages.*.yml`
Archivo de base monolingüe	`translations/messages.en.yml`
Plantilla para traducciones nuevas	*Empty*
Formato de archivo	*Ruby YAML file*

Ver también:

YAML, *YAML files*

1.10.24 DTD files

Nuevo en la versión 2.18.

Example DTD file:

```
<!ENTITY hello "">
<!ENTITY orangutan "">
<!ENTITY try "">
<!ENTITY thanks "">
```

Typical Weblate *Configuración de componentes*	
Máscara de archivos	`locale/*.dtd`
Archivo de base monolingüe	`locale/en.dtd`
Plantilla para traducciones nuevas	*Empty*
Formato de archivo	*DTD file*

Ver también:

Mozilla DTD format

1.10.25 Flat XML files

Nuevo en la versión 3.9.

Example of a flat XML file:

```
<?xml version='1.0' encoding='UTF-8'?>
<root>
  <str key="hello_world">Hello World!</str>
  <str key="resource_key">Translated value.</str>
</root>
```

Typical Weblate *Configuración de componentes*	
Máscara de archivos	`locale/*.xml`
Archivo de base monolingüe	`locale/en.xml`
Plantilla para traducciones nuevas	*Empty*
Formato de archivo	*Flat XML file*

Ver también:

Flat XML

1.10.26 Archivos RC de Windows

Distinto en la versión 4.1: Se ha reescrito el código de compatibilidad con los archivos RC de Windows.

Nota: Support for this format is currently in beta, feedback from testing is welcome.

Archivo RC de Windows de ejemplo:

```
LANGUAGE LANG_CZECH, SUBLANG_DEFAULT

STRINGTABLE
BEGIN
    IDS_MSG1                "Hello, world!\n"
    IDS_MSG2                "Orangutan has %d banana.\n"
    IDS_MSG3                "Try Weblate at http://demo.weblate.org/!\n"
    IDS_MSG4                "Thank you for using Weblate."
END
```

Typical Weblate *Configuración de componentes*	
Máscara de archivos	`lang/*.rc`
Archivo de base monolingüe	`lang/en-US.rc`
Plantilla para traducciones nuevas	`lang/en-US.rc`
Formato de archivo	*Archivo RC*

Ver también:

Windows RC files

1.10.27 Archivos de metadatos de tiendas de aplicaciones

Nuevo en la versión 3.5.

Es posible traducir los metadatos utilizados en las catalogaciones de las aplicaciones en varias tiendas. Actualmente, las herramientas siguientes son compatibles:

- Triple-T gradle-play-publisher
- Fastlane
- F-Droid

Los metadatos se componen de varios archivos de texto, los cuales Weblate presentará como cadenas por traducir separadas.

Typical Weblate *Configuración de componentes*	
Máscara de archivos	`fastlane/android/metadata/*`
Archivo de base monolingüe	`fastlane/android/metadata/en-US`
Plantilla para traducciones nuevas	`fastlane/android/metadata/en-US`
Formato de archivo	*App store metadata files*

1.10.28 Archivos de subtítulos

Nuevo en la versión 3.7.

Con Weblate puede traducir varios archivos de subtítulos:

- Archivo de subtítulos de SubRip (`*.srt`)
- Archivo de subtítulos de MicroDVD (`*.sub`)
- Advanced Substation Alpha subtitles file (`*.ass`)
- Substation Alpha subtitle file (`*.ssa`)

Typical Weblate *Configuración de componentes*	
Máscara de archivos	`path/*.srt`
Archivo de base monolingüe	`path/en.srt`
Plantilla para traducciones nuevas	`path/en.srt`
Formato de archivo	*Archivo de subtítulos de SubRip*

Ver también:

Subtitles

1.10.29 Open XML de Excel

Nuevo en la versión 3.2.

Excel Open XML (.xlsx) files can be imported and exported.

When uploading XLSX files for translation, be aware that only the active worksheet is considered, and there must be at least a column called `source` (which contains the source string) and a column called `target` (which contains the translation). Additionally there should be the column called `context` (which contains the context path of the translation string). If you use the XLSX download for exporting the translations into an Excel workbook, you already get a file with the correct file format.

1.10.30 Archivos HTML

Nuevo en la versión 4.1.

Nota: Support for this format is currently in beta, feedback from testing is welcome.

The translatable content is extracted from the HTML files and offered for the translation.

Ver también:

HTML

1.10.31 Formato OpenDocument

Nuevo en la versión 4.1.

Nota: Support for this format is currently in beta, feedback from testing is welcome.

The translatable content is extracted from the OpenDocument files and offered for the translation.

Ver también:

OpenDocument Format

1.10.32 Formato IDML

Nuevo en la versión 4.1.

Nota: Support for this format is currently in beta, feedback from testing is welcome.

The translatable content is extracted from the Adobe InDesign Markup Language files and offered for the translation.

1.10.33 Otros

Most formats supported by translate-toolkit which support serializing can be easily supported, but they did not (yet) receive any testing. In most cases some thin layer is needed in Weblate to hide differences in behavior of different translate-toolkit storages.

Ver también:

Translation Related File Formats

1.10.34 Añadir traducciones nuevas

Distinto en la versión 2.18: In versions prior to 2.18 the behaviour of adding new translations was file format specific.

Weblate puede iniciar automáticamente traducciones nuevas en todos los formatos de archivo.

Some formats expect to start with an empty file and only translated strings to be included (for example *Recursos de cadenas de Android*), while others expect to have all keys present (for example *GNU gettext*). In some situations this really doesn't depend on the format, but rather on the framework you use to handle the translation (for example with *Archivos JSON*).

When you specify *Plantilla para traducciones nuevas* in *Configuración de componentes*, Weblate will use this file to start new translations. Any exiting translations will be removed from the file when doing so.

When *Plantilla para traducciones nuevas* is empty and the file format supports it, an empty file is created where new strings will be added once they are translated.

La opción *Estilo de código de idioma* le permite personalizar los códigos de idioma que se utilizarán en los nombres de archivo generados:

Basado en el formato de archivo predefinido Depende del formato de archivo; en la mayoría se utiliza POSIX.

Estilo POSIX con guion bajo como separador Typically used by gettext and related tools, produces language codes like `pt_BR`.

Estilo POSIX con guion bajo como separador; incluye el código de país POSIX style language code including the country code even when not necessary (for example `cs_CZ`).

Estilo BCP con guion como separador Typically used on web platforms, produces language codes like `pt-BR`.

Estilo BCP con guion como separador; incluye el código de país BCP style language code including the country code even when not necessary (for example `cs-CZ`).

Estilo Android Only used in Android apps, produces language codes like `pt-rBR`.

Estilo Java Used by Java—mostly BCP with legacy codes for Chinese.

Nota: Weblate recognizes any of these when parsing translation files, the above settings only influences how new files are created.

1.10.35 Cadenas de solo lectura

Nuevo en la versión 3.10.

Read-only strings from translation files will be included, but can not be edited in Weblate. This feature is natively supported by few formats (*XLIFF* and *Recursos de cadenas de Android*), but can be emulated in others by adding a `read-only` flag, see *Personalizar el comportamiento*.

1.11 Integración de control de versiones

Weblate currently supports *Git* (with extended support for *GitHub*, *Gerrit* and *Subversion*) and *Mercurial* as version control backends.

1.11.1 Accessing repositories

The VCS repository you want to use has to be accessible to Weblate. With a publicly available repository you just need to enter the correct URL (for example `https://github.com/WeblateOrg/weblate.git`), but for private repositories or for push URLs the setup is more complex and requires authentication.

Accessing repositories from Hosted Weblate

For Hosted Weblate there is a dedicated push user registered on GitHub, Bitbucket, Codeberg and GitLab (with username *weblate* named *Weblate push user*). You need to add this user as a collaborator and give it appropriate permission to your repository (read only is okay for cloning, write is required for pushing). Depending on service and your organization settings, this happens immediately or requires confirmation from Weblate side.

The invitations on GitHub are accepted automatically within five minutes, on other services manual processing might be needed, so please be patient.

Once the *weblate* user is added, you can configure *Repositorio de código fuente* and *URL de envío al repositorio* using SSH protocol (for example `git@github.com:WeblateOrg/weblate.git`).

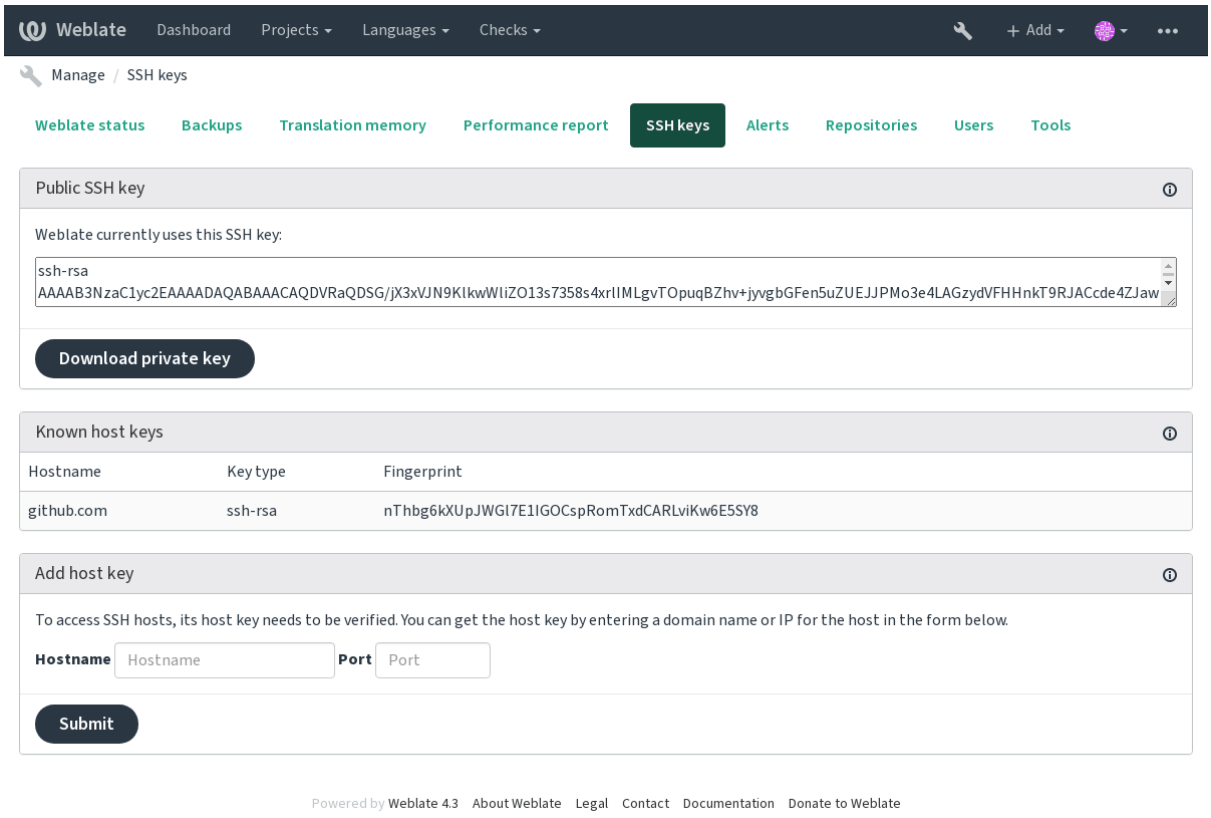
Repositorios SSH

The most frequently used method to access private repositories is based on SSH. Authorize the public Weblate SSH key (see *Clave SSH de Weblate*) to access the upstream repository this way.

Advertencia: On GitHub, each key can be added to only one repository, see *Repositorios en GitHub* and *Accessing repositories from Hosted Weblate*.

Weblate also stores the host key fingerprint upon first connection, and fails to connect to the host should it be changed later (see *Verifying SSH host keys*).

En caso de que necesite efectuar ajustes, hágalos desde la interfaz administrativa de Weblate:



Clave SSH de Weblate

The Weblate public key is visible to all users browsing the *About* page.

Admins can generate or display the public key currently used by Weblate in the connection (from *SSH keys*) on the admin interface landing page.

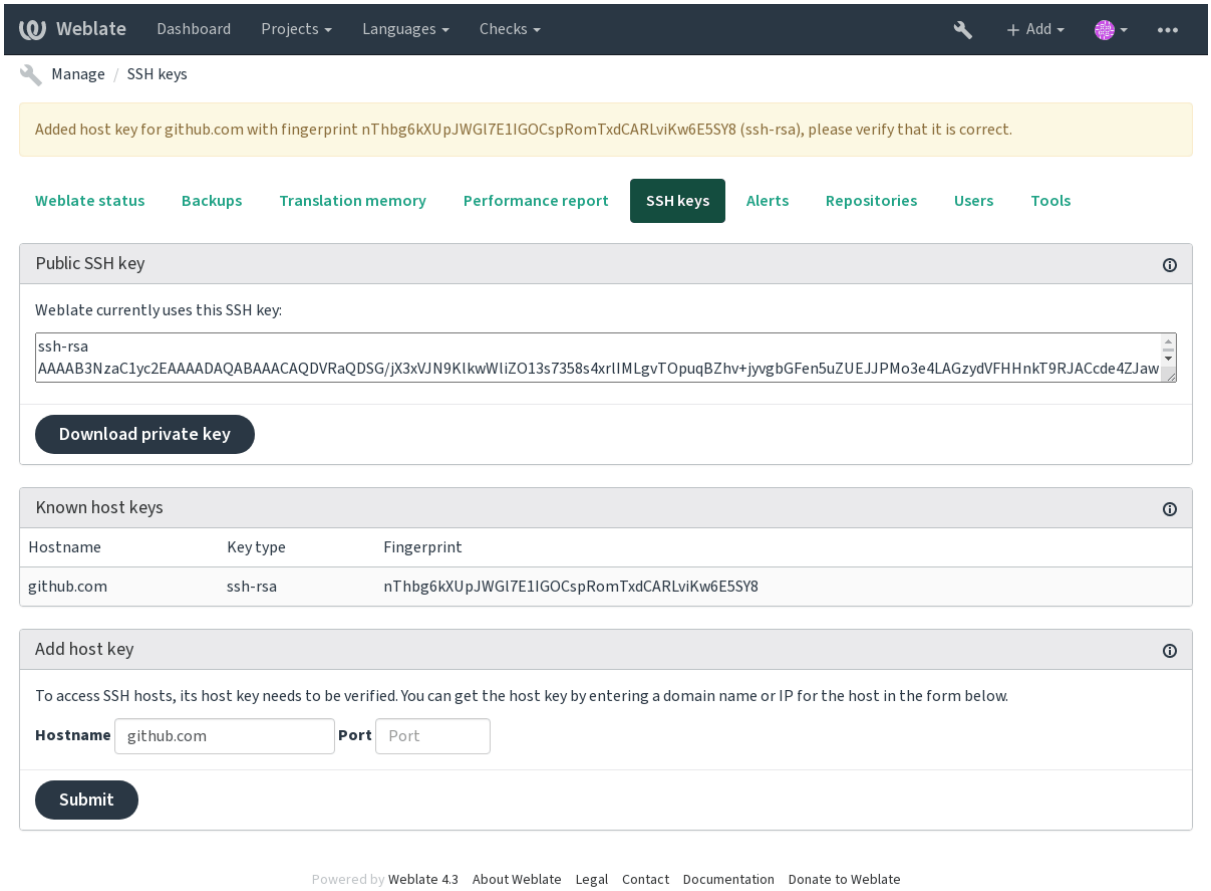
Nota: Por ahora, la clave privada SSH correspondiente no puede tener contraseña, así que cerciórese de protegerla adecuadamente.

Consejo: Make a backup of the generated private Weblate SSH key.

Verifying SSH host keys

Weblate automatically remembers the SSH host keys on first access and remembers them for further use.

In case you want to verify them before connecting to the repository, verify the SSH host keys of the servers you are going to access in *Add host key*, from the same section of the admin interface. Enter the hostname you are going to access (e.g. `gitlab.com`), and press *Submit*. Verify its fingerprint matches the server you added. They are shown in the confirmation message:



Repositorios en GitHub

Access via SSH is possible (see *Repositorios SSH*), but in case you need to access more than one repository, you will hit a GitHub limitation on allowed SSH key usage (since one key can be used only for one repository).

In case the *Rama a la que enviar* is not set, the project is forked and changes pushed through a fork. In case it is set, changes are pushed to the upstream repository and chosen branch.

For smaller deployments, use HTTPS authentication with a personal access token and your GitHub account, see Creating an access token for command-line use.

For bigger setups, it is usually better to create a dedicated user for Weblate, assign it the public SSH key generated in Weblate (see *Clave SSH de Weblate*) and grant it access to all the repositories you want to translate. This approach is also used for Hosted Weblate, there is dedicated *weblate* user for that.

Ver también:

Accessing repositories from Hosted Weblate

URL internos de Weblate

Para compartir un repositorio entre varios componentes puede utilizar un URL especial como `weblate://proyecto/componente`. De esta manera, el componente compartirá la configuración del repositorio del sistema de control de versiones con el componente referido (`proyecto/componente` en el ejemplo).

Weblate automatically adjusts repository URL when creating component when it finds component with matching repository setup. You can override this in last step of component configuration.

Reasons to use this:

- Ahorra espacio en disco en el servidor, ya que el repositorio se almacena solo una vez.
- Acelera las actualizaciones, ya que se actualiza solo un repositorio.
- There is just single exported repository with Weblate translations (see *Git exporter*).
- Some addons can operate on more components sharing single repository, for example *Concentrar consignas de Git*.

Repositorios HTTPS

Para acceder a repositorios HTTPS protegidos, incluya el nombre de usuario y la contraseña en el URL. No se preocupe, Weblate quitará estos datos al mostrar el URL a los usuarios (incluso si se les permite ver el URL del repositorio).

For example the GitHub URL with authentication added might look like: `https://user:your_access_token@github.com/WeblateOrg/weblate.git`.

Nota: If your username or password contains special characters, those have to be URL encoded, for example `https://user%40example.com:%24password%23@bitbucket.org/`….

Using proxy

If you need to access HTTP/HTTPS VCS repositories using a proxy server, configure the VCS to use it.

This can be done using the `http_proxy`, `https_proxy`, and `all_proxy` environment variables, (as described in the cURL documentation) or by enforcing it in the VCS configuration, for example:

```
git config --global http.proxy http://user:password@proxy.example.com:80
```

Nota: The proxy configuration needs to be done under user running Weblate (see also *Permisos del sistema de archivos*) and with `HOME=$DATA_DIR/home` (see *`DATA_DIR`*), otherwise Git executed by Weblate will not use it.

Ver también:

The cURL manpage, Git config documentation

1.11.2 Git

Ver también:

See *Accessing repositories* for info on how to access different kinds of repositories.

Git con envío forzado

This behaves exactly like Git itself, the only difference being that it always force pushes. This is intended only in the case of using a separate repository for translations.

Advertencia: Use with caution, as this easily leads to lost commits in your upstream repository.

Customizing Git configuration

Weblate invokes all VCS commands with `HOME=$DATA_DIR/home` (see *DATA_DIR*), therefore editing the user configuration needs to be done in `DATA_DIR/home/.git`.

Auxiliares remotos de Git

You can also use Git remote helpers for additionally supporting other version control systems, but be prepared to debug problems this may lead to.

At this time, helpers for Bazaar and Mercurial are available within separate repositories on GitHub: git-remote-hg and git-remote-bzr. Download them manually and put somewhere in your search path (for example `~/bin`). Make sure you have the corresponding version control systems installed.

Once you have these installed, such remotes can be used to specify a repository in Weblate.

To clone the `gnuhello` project from Launchpad using Bazaar:

```
bzr::lp:gnuhello
```

For the `hello` repository from selenic.com using Mercurial:

```
hg::http://selenic.com/repo/hello
```

Advertencia: The inconvenience of using Git remote helpers is for example with Mercurial, the remote helper sometimes creates a new tip when pushing changes back.

1.11.3 GitHub

Nuevo en la versión 2.3.

This adds a thin layer atop *Git* using the Github API to allow pushing translation changes as pull requests, instead of pushing directly to the repository.

Git pushes changes directly to a repository, while *GitHub* creates pull requests. The latter is not needed for merely accessing Git repositories.

Ver también:

Enviar cambios efectuados en Weblate

Enviar cambios a GitHub como solicitudes de incorporación

If not wanting to push translations to a GitHub repository, they can be sent as either one or many pull requests instead.

You need to configure API credentials to make this work.

Ver también:

`GITHUB_USERNAME`, `GITHUB_TOKEN`, `GITHUB_CREDENTIALS`

1.11.4 GitLab

Nuevo en la versión 3.9.

This just adds a thin layer atop *Git* using the GitLab API to allow pushing translation changes as merge requests instead of pushing directly to the repository.

There is no need to use this to access Git repositories, ordinary *Git* works the same, the only difference is how pushing to a repository is handled. With *Git* changes are pushed directly to the repository, while *GitLab* creates merge request.

Ver también:

Enviar cambios efectuados en Weblate

Enviar cambios a GitLab como solicitudes de fusión

Si no se desea enviar las traducciones directamente a un repositorio en GitLab, estas pueden enviarse como una o múltiples solicitudes de fusión.

You need to configure API credentials to make this work.

Ver también:

`GITLAB_USERNAME`, `GITLAB_TOKEN`, `GITLAB_CREDENTIALS`

1.11.5 Pagure

Nuevo en la versión 4.3.2.

This just adds a thin layer atop *Git* using the Pagure API to allow pushing translation changes as merge requests instead of pushing directly to the repository.

There is no need to use this to access Git repositories, ordinary *Git* works the same, the only difference is how pushing to a repository is handled. With *Git* changes are pushed directly to the repository, while *Pagure* creates merge request.

Ver también:

Enviar cambios efectuados en Weblate

Enviar cambios a Pagure como solicitudes de fusión

Si no se desea enviar las traducciones directamente a un repositorio en Pagure, estas pueden enviarse como una o múltiples solicitudes de fusión.

You need to configure API credentials to make this work.

Ver también:

`PAGURE_USERNAME`, `PAGURE_TOKEN`, `PAGURE_CREDENTIALS`

1.11.6 Gerrit

Nuevo en la versión 2.2.

Adds a thin layer atop *Git* using the git-review tool to allow pushing translation changes as Gerrit review requests, instead of pushing them directly to the repository.

La documentación de Gerrit tiene los detalles sobre la configuración necesaria para la puesta en marcha de dichos repositorios.

1.11.7 Mercurial

Nuevo en la versión 2.1.

Mercurial es otro sistema de control de versiones que puede utilizar directamente en Weblate.

Nota: Debería funcionar con cualquier versión de Mercurial, pero a veces hay cambios incompatibles en la interfaz de línea de órdenes que quebrantan la integración con Weblate.

Ver también:

See *Accessing repositories* for info on how to access different kinds of repositories.

1.11.8 Subversion

Nuevo en la versión 2.8.

Weblate uses git-svn to interact with subversion repositories. It is a Perl script that lets subversion be used by a Git client, enabling users to maintain a full clone of the internal repository and commit locally.

Nota: Weblate tries to detect Subversion repository layout automatically - it supports both direct URLs for branch or repositories with standard layout (branches/, tags/ and trunk/). More info about this is to be found in the git-svn documentation. If your repository does not have a standard layout and you encounter errors, try including the branch name in the repository URL and leaving branch empty.

Distinto en la versión 2.19: Before this, there was only support for standard layout repositories.

Datos de acceso de Subversion

Weblate expects you to have accepted the certificate up-front and if needed, your credentials. It will look to insert them into the DATA_DIR directory. Accept the certificate by using *svn* once with the *$HOME* environment variable set to the DATA_DIR:

```
# Use DATA_DIR as configured in Weblate settings.py, it is /app/data in the Docker
HOME=${DATA_DIR}/home svn co https://svn.example.com/example
```

Ver también:

DATA_DIR

1.11.9 Archivos locales

Nuevo en la versión 3.8.

Weblate can also operate without a remote VCS. The initial translations are imported by uploading them. Later you can replace individual files by file upload, or add translation strings directly from Weblate (currently available only for monolingual translations).

In the background Weblate creates a Git repository for you and all changes are tracked in. In case you later decide to use a VCS to store the translations, you already have a repository within Weblate can base your integration on.

1.12 API REST de Weblate

Nuevo en la versión 2.6: La API REST está disponible a partir de Weblate 2.6.

The API is accessible on the `/api/` URL and it is based on Django REST framework. You can use it directly or by *Cliente de Weblate*.

1.12.1 Autenticación y parámetros genéricos

The public project API is available without authentication, though unauthenticated requests are heavily throttled (by default to 100 requests per day), so it is recommended to use authentication. The authentication uses a token, which you can get in your profile. Use it in the `Authorization` header:

ANY /

Generic request behaviour for the API, the headers, status codes and parameters here apply to all endpoints as well.

Query Parameters

- **format** – Response format (overrides Accept). Possible values depends on REST framework setup, by default `json` and `api` are supported. The latter provides web browser interface for API.

Request Headers

- Accept – the response content type depends on Accept header
- Authorization – optional token to authenticate

Response Headers

- Content-Type – this depends on Accept header of request
- Allow – list of allowed HTTP methods on object

Response JSON Object

- **detail** (*string*) – verbose description of failure (for HTTP status codes other than 200 OK)
- **count** (*int*) – total item count for object lists
- **next** (*string*) – next page URL for object lists
- **previous** (*string*) – previous page URL for object lists
- **results** (*array*) – results for object lists
- **url** (*string*) – URL to access this resource using API
- **web_url** (*string*) – URL to access this resource using web browser

Status Codes

- 200 OK – when request was correctly handled

- 400 Bad Request – when form parameters are missing
- 403 Forbidden – when access is denied
- 429 Too Many Requests – when throttling is in place

Authentication examples

Example request:

```
GET /api/ HTTP/1.1
Host: example.com
Accept: application/json, text/javascript
Authorization: Token YOUR-TOKEN
```

Example response:

```
HTTP/1.0 200 OK
Date: Fri, 25 Mar 2016 09:46:12 GMT
Server: WSGIServer/0.1 Python/2.7.11+
Vary: Accept, Accept-Language, Cookie
X-Frame-Options: SAMEORIGIN
Content-Type: application/json
Content-Language: en
Allow: GET, HEAD, OPTIONS

{
    "projects":"http://example.com/api/projects/",
    "components":"http://example.com/api/components/",
    "translations":"http://example.com/api/translations/",
    "languages":"http://example.com/api/languages/"
}
```

CURL example:

```
curl \
    -H "Authorization: Token TOKEN" \
    https://example.com/api/
```

Passing Parameters Examples

For the POST method the parameters can be specified either as form submission (*application/x-www-form-urlencoded*) or as JSON (*application/json*).

Form request example:

```
POST /api/projects/hello/repository/ HTTP/1.1
Host: example.com
Accept: application/json
Content-Type: application/x-www-form-urlencoded
Authorization: Token TOKEN

operation=pull
```

JSON request example:

```
POST /api/projects/hello/repository/ HTTP/1.1
Host: example.com
Accept: application/json
Content-Type: application/json
Authorization: Token TOKEN
```

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```
Content-Length: 20

{"operation":"pull"}
```

CURL example:

```
curl \
    -d operation=pull \
    -H "Authorization: Token TOKEN" \
    http://example.com/api/components/hello/weblate/repository/
```

CURL JSON example:

```
curl \
    --data-binary '{"operation":"pull"}' \
    -H "Content-Type: application/json" \
    -H "Authorization: Token TOKEN" \
    http://example.com/api/components/hello/weblate/repository/
```

Rate limiting

The API requests are rate limited; the default configuration limits it to 100 requests per day for anonymous users and 5000 requests per hour for authenticated users.

Rate limiting can be adjusted in the `settings.py`; see Throttling in Django REST framework documentation for more details how to configure it.

The status of rate limiting is reported in following headers:

`X-RateLimit-Limit`	Rate limiting limit of requests to perform
`X-RateLimit-Remaining`	Remaining limit of requests
`X-RateLimit-Reset`	Number of seconds until ratelimit window resets

Distinto en la versión 4.1: Added ratelimiting status headers.

1.12.2 API Entry Point

GET /api/

The API root entry point.

Example request:

```
GET /api/ HTTP/1.1
Host: example.com
Accept: application/json, text/javascript
Authorization: Token YOUR-TOKEN
```

Example response:

```
HTTP/1.0 200 OK
Date: Fri, 25 Mar 2016 09:46:12 GMT
Server: WSGIServer/0.1 Python/2.7.11+
Vary: Accept, Accept-Language, Cookie
X-Frame-Options: SAMEORIGIN
Content-Type: application/json
Content-Language: en
Allow: GET, HEAD, OPTIONS
```

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```
{
    "projects":"http://example.com/api/projects/",
    "components":"http://example.com/api/components/",
    "translations":"http://example.com/api/translations/",
    "languages":"http://example.com/api/languages/"
}
```

1.12.3 Usuarios

Nuevo en la versión 4.0.

GET /api/users/

Devuelve un listado de usuarios si tiene permisos para ver y gestionar usuarios. En caso contrario, podrá ver solo sus propios datos.

Ver también:

Users object attributes are documented at *GET /api/users/(str:username)/*.

POST /api/users/

Creates a new user.

Parámetros

- **username** (*string*) – Nombre de usuario
- **full_name** (*string*) – User full name
- **email** (*string*) – User email
- **is_superuser** (*boolean*) – Is user superuser? (optional)
- **is_active** (*boolean*) – Is user active? (optional)

GET /api/users/(str: *username*)/

Returns information about users.

Parámetros

- **username** (*string*) – User's username

Response JSON Object

- **username** (*string*) – username of a user
- **full_name** (*string*) – full name of a user
- **email** (*string*) – email of a user
- **is_superuser** (*boolean*) – whether the user is a super user
- **is_active** (*boolean*) – whether the user is active
- **date_joined** (*string*) – date the user is created
- **groups** (*array*) – link to associated groups; see *GET /api/groups/(int:id)/*

Example JSON data:

```
{
    "email": "user@example.com",
    "full_name": "Example User",
    "username": "exampleusername",
    "groups": [
        "http://example.com/api/groups/2/",
        "http://example.com/api/groups/3/"
    ],
```

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```
    "is_superuser": true,
    "is_active": true,
    "date_joined": "2020-03-29T18:42:42.617681Z",
    "url": "http://example.com/api/users/exampleusername/",
    "statistics_url": "http://example.com/api/users/exampleusername/statistics/
↪"
}
```

PUT /api/users/(**str:** *username*)**/**
Changes the user parameters.

Parámetros

- **username** (*string*) – User's username

Response JSON Object

- **username** (*string*) – username of a user
- **full_name** (*string*) – full name of a user
- **email** (*string*) – email of a user
- **is_superuser** (*boolean*) – whether the user is a super user
- **is_active** (*boolean*) – whether the user is active
- **date_joined** (*string*) – date the user is created

PATCH /api/users/(**str:** *username*)**/**
Changes the user parameters.

Parámetros

- **username** (*string*) – User's username

Response JSON Object

- **username** (*string*) – username of a user
- **full_name** (*string*) – full name of a user
- **email** (*string*) – email of a user
- **is_superuser** (*boolean*) – whether the user is a super user
- **is_active** (*boolean*) – whether the user is active
- **date_joined** (*string*) – date the user is created

DELETE /api/users/(**str:** *username*)**/**
Deletes all user information and marks the user inactive.

Parámetros

- **username** (*string*) – User's username

POST /api/users/(**str:** *username*)**/groups/**
Associate groups with a user.

Parámetros

- **username** (*string*) – User's username

Form Parameters

- **string group_id** – The unique group ID

GET /api/users/(**str:** *username*)**/statistics/**
List statistics of a user.

Parámetros

- **username** (*string*) – User's username

Response JSON Object

- **translated** (*int*) – Number of translations by user
- **suggested** (*int*) – Number of suggestions by user
- **uploaded** (*int*) – Number of uploads by user
- **commented** (*int*) – Number of comments by user
- **languages** (*int*) – Number of languages user can translate

GET /api/users/(**str:** *username*)**/notifications/**
List subscriptions of a user.

Parámetros

- **username** (*string*) – User's username

POST /api/users/(**str:** *username*)**/notifications/**
Associate subscriptions with a user.

Parámetros

- **username** (*string*) – User's username

Request JSON Object

- **notification** (*string*) – Nombre de notificación registrada
- **scope** (*int*) – Scope of notification from the available choices
- **frequency** (*int*) – Frequency choices for notifications

GET /api/users/(**str:** *username*)**/notifications/**
int: *subscription_id***/** Get a subscription associated with a user.

Parámetros

- **username** (*string*) – User's username
- **subscription_id** (*int*) – Identificador de notificación registrada

PUT /api/users/(**str:** *username*)**/notifications/**
int: *subscription_id***/** Edit a subscription associated with a user.

Parámetros

- **username** (*string*) – User's username
- **subscription_id** (*int*) – Identificador de notificación registrada

Request JSON Object

- **notification** (*string*) – Nombre de notificación registrada
- **scope** (*int*) – Scope of notification from the available choices
- **frequency** (*int*) – Frequency choices for notifications

PATCH /api/users/(**str:** *username*)**/notifications/**
int: *subscription_id***/** Edit a subscription associated with a user.

Parámetros

- **username** (*string*) – User's username
- **subscription_id** (*int*) – Identificador de notificación registrada

Request JSON Object

- **notification** (*string*) – Nombre de notificación registrada
- **scope** (*int*) – Scope of notification from the available choices

- **frequency** (*int*) – Frequency choices for notifications

DELETE /api/users/(**str:** *username*)**/notifications/**
int: *subscription_id***/** Delete a subscription associated with a user.

Parámetros

- **username** (*string*) – User's username
- **subscription_id** – Nombre de notificación registrada
- **subscription_id** – int

1.12.4 Grupos

Nuevo en la versión 4.0.

GET /api/groups/
Devuelve una lista de grupos si tiene permisos para ver y gestionar grupos. En caso contrario, verá solo los grupos a los que pertenece el usuario.

Ver también:

Group object attributes are documented at *GET /api/groups/(int:id)/*.

POST /api/groups/
Creates a new group.

Parámetros

- **name** (*string*) – Nombre de grupo
- **project_selection** (*int*) – Group of project selection from given options
- **language_selection** (*int*) – Group of languages selected from given options

GET /api/groups/(**int:** *id*)**/**
Returns information about group.

Parámetros

- **id** (*int*) – Identificador del grupo

Response JSON Object

- **name** (*string*) – nombre de un grupo
- **project_selection** (*int*) – entero que se corresponde a un grupo de proyectos
- **language_selection** (*int*) – entero que se corresponde a un grupo de idiomas
- **roles** (*array*) – link to associated roles; see *GET /api/roles/(int:id)/*
- **projects** (*array*) – link to associated projects; see *GET /api/projects/(string:project)/*
- **components** (*array*) – link to associated components; see *GET /api/components/(string:project)/(string:component)/*
- **componentlist** (*array*) – link to associated componentlist; see *GET /api/component-lists/(str:slug)/*

Example JSON data:

```
{
    "name": "Guests",
    "project_selection": 3,
    "language_selection": 1,
    "url": "http://example.com/api/groups/1/",
```

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```
    "roles": [
        "http://example.com/api/roles/1/",
        "http://example.com/api/roles/2/"
    ],
    "languages": [
        "http://example.com/api/languages/en/",
        "http://example.com/api/languages/cs/",
    ],
    "projects": [
        "http://example.com/api/projects/demo1/",
        "http://example.com/api/projects/demo/"
    ],
    "componentlist": "http://example.com/api/component-lists/new/",
    "components": [
        "http://example.com/api/components/demo/weblate/"
    ]
}
```

PUT /api/groups/(int: *id*)/

Cambia los parámetros del grupo.

Parámetros

- **id** (*int*) – Identificador del grupo

Response JSON Object

- **name** (*string*) – nombre de un grupo
- **project_selection** (*int*) – entero que se corresponde a un grupo de proyectos
- **language_selection** (*int*) – entero que se corresponde a un grupo de idiomas

PATCH /api/groups/(int: *id*)/

Cambia los parámetros del grupo.

Parámetros

- **id** (*int*) – Identificador del grupo

Response JSON Object

- **name** (*string*) – nombre de un grupo
- **project_selection** (*int*) – entero que se corresponde a un grupo de proyectos
- **language_selection** (*int*) – entero que se corresponde a un grupo de idiomas

DELETE /api/groups/(int: *id*)/

Elimina el grupo.

Parámetros

- **id** (*int*) – Identificador del grupo

POST /api/groups/(int: *id*)/roles/

Associate roles with a group.

Parámetros

- **id** (*int*) – Identificador del grupo

Form Parameters

- **string role_id** – The unique role ID

POST /api/groups/(int: *id*)/components/

Associate components with a group.

Parámetros

- **id** (*int*) – Identificador del grupo

Form Parameters

- **string component_id** – The unique component ID

DELETE /api/groups/(**int:** *id*)**/components/**
int: *component_id* Delete component from a group.

Parámetros

- **id** (*int*) – Identificador del grupo
- **component_id** (*int*) – The unique component ID

POST /api/groups/(**int:** *id*)**/projects/**
Associate projects with a group.

Parámetros

- **id** (*int*) – Identificador del grupo

Form Parameters

- **string project_id** – The unique project ID

DELETE /api/groups/(**int:** *id*)**/projects/**
int: *project_id* Delete project from a group.

Parámetros

- **id** (*int*) – Identificador del grupo
- **project_id** (*int*) – The unique project ID

POST /api/groups/(**int:** *id*)**/languages/**
Associate languages with a group.

Parámetros

- **id** (*int*) – Identificador del grupo

Form Parameters

- **string language_code** – The unique language code

DELETE /api/groups/(**int:** *id*)**/languages/**
string: *language_code* Delete language from a group.

Parámetros

- **id** (*int*) – Identificador del grupo
- **language_code** (*string*) – The unique language code

POST /api/groups/(**int:** *id*)**/componentlists/**
Associate componentlists with a group.

Parámetros

- **id** (*int*) – Identificador del grupo

Form Parameters

- **string component_list_id** – The unique componentlist ID

DELETE /api/groups/(**int:** *id*)**/componentlists/**
int: *component_list_id* Delete componentlist from a group.

Parámetros

- **id** (*int*) – Identificador del grupo
- **component_list_id** (*int*) – The unique componentlist ID

1.12.5 Roles

GET /api/roles/

Returns a list of all roles associated with user. If user is superuser, then list of all existing roles is returned.

Ver también:

Roles object attributes are documented at *GET /api/roles/(int:id)/*.

POST /api/roles/

Creates a new role.

Parámetros

- **name** (*string*) – Role name
- **permissions** (*array*) – List of codenames of permissions

GET /api/roles/(int: *id*)/

Returns information about a role.

Parámetros

- **id** (*int*) – Role ID

Response JSON Object

- **name** (*string*) – Role name
- **permissions** (*array*) – list of codenames of permissions

Example JSON data:

```
{
    "name": "Access repository",
    "permissions": [
        "vcs.access",
        "vcs.view"
    ],
    "url": "http://example.com/api/roles/1/",
}
```

PUT /api/roles/(int: *id*)/

Changes the role parameters.

Parámetros

- **id** (*int*) – Role's ID

Response JSON Object

- **name** (*string*) – Role name
- **permissions** (*array*) – list of codenames of permissions

PATCH /api/roles/(int: *id*)/

Changes the role parameters.

Parámetros

- **id** (*int*) – Role's ID

Response JSON Object

- **name** (*string*) – Role name
- **permissions** (*array*) – list of codenames of permissions

DELETE /api/roles/(int: *id*)/

Deletes the role.

Parámetros

- **id** (*int*) – Role's ID

1.12.6 Idiomas

GET /api/languages/

Devuelve un listado de todos los idiomas.

Ver también:

Los atributos de objeto de idioma se documentan en *GET /api/languages/(string:language)/*.

POST /api/languages/

Crea un idioma nuevo.

Parámetros

- **code** (*string*) – Nombre del idioma
- **name** (*string*) – Nombre del idioma
- **direction** (*string*) – Dirección del idioma
- **plural** (*object*) – Fórmula y número de plurales del idioma

GET /api/languages/(string: *language*)/

Devuelve información relativa a un idioma.

Parámetros

- **language** (*string*) – Código de idioma

Response JSON Object

- **code** (*string*) – Código de idioma
- **direction** (*string*) – Dirección del texto
- **plural** (*object*) – Objeto de información de plurales de un idioma
- **aliases** (*array*) – Array of aliases for language

Example JSON data:

```
{
    "code": "en",
    "direction": "ltr",
    "name": "English",
    "plural": {
        "id": 75,
        "source": 0,
        "number": 2,
        "formula": "n != 1",
        "type": 1
    },
    "aliases": [
        "english",
        "en_en",
        "base",
        "source",
        "eng"
    ],
    "url": "http://example.com/api/languages/en/",
    "web_url": "http://example.com/languages/en/",
    "statistics_url": "http://example.com/api/languages/en/statistics/"
}
```

PUT /api/languages/(string: *language*)/

Permite cambiar los parámetros del idioma.

Parámetros

- **language** (*string*) – Código del idioma

Request JSON Object

- **name** (*string*) – Nombre del idioma
- **direction** (*string*) – Dirección del idioma
- **plural** (*object*) – Language plural details

PATCH /api/languages/(string: *language*)/
Permite cambiar los parámetros del idioma.

Parámetros

- **language** (*string*) – Código del idioma

Request JSON Object

- **name** (*string*) – Nombre del idioma
- **direction** (*string*) – Dirección del idioma
- **plural** (*object*) – Language plural details

DELETE /api/languages/(string: *language*)/
Elimina el idioma.

Parámetros

- **language** (*string*) – Código del idioma

GET /api/languages/(string: *language*)/statistics/
Devuelve estadísticas sobre un idioma.

Parámetros

- **language** (*string*) – Código de idioma

Response JSON Object

- **total** (*int*) – número total de cadenas
- **total_words** (*int*) – número total de palabras
- **last_change** (*timestamp*) – últimos cambios en el idioma
- **recent_changes** (*int*) – número total de cambios
- **translated** (*int*) – número de cadenas traducidas
- **translated_percent** (*float*) – porcentaje de cadenas traducidas
- **translated_words** (*int*) – número de palabras traducidas
- **translated_words_percent** (*int*) – porcentaje de palabras traducidas
- **translated_chars** (*int*) – número de caracteres traducidos
- **translated_chars_percent** (*int*) – porcentaje de caracteres traducidos
- **total_chars** (*int*) – número de caracteres totales
- **fuzzy** (*int*) – número de cadenas por revisar
- **fuzzy_percent** (*int*) – porcentaje de cadenas por revisar
- **failing** (*int*) – número de cadenas fallidas
- **failing** – porcentaje de cadenas fallidas

1.12.7 Proyectos

GET /api/projects/

Devuelve un listado de todos los proyectos.

Ver también:

Los atributos de objeto de proyecto se documentan en *GET /api/projects/(string:project)/*.

POST /api/projects/

Nuevo en la versión 3.9.

Crea un proyecto nuevo.

Parámetros

- **name** (*string*) – Nombre del proyecto
- **slug** (*string*) – «Slug» del proyecto
- **web** (*string*) – Sitio web del proyecto

GET /api/projects/(string: *project*)/

Devuelve información relativa a un proyecto.

Parámetros

- **project** (*string*) – URL semántico del proyecto

Response JSON Object

- **name** (*string*) – nombre del proyecto
- **slug** (*string*) – project slug
- **web** (*string*) – sitio web del proyecto
- **components_list_url** (*string*) – URL a la lista de componentes; vea *GET /api/projects/(string:project)/components/*
- **repository_url** (*string*) – URL al estado del repositorio; vea *GET /api/projects/(string:project)/repository/*
- **changes_list_url** (*string*) – URL a la lista de cambios; vea *GET /api/projects/(string:project)/changes/*

Example JSON data:

```
{
    "name": "Hello",
    "slug": "hello",
    "url": "http://example.com/api/projects/hello/",
    "web": "https://weblate.org/",
    "web_url": "http://example.com/projects/hello/"
}
```

PATCH /api/projects/(string: *project*)/

Nuevo en la versión 4.3.

Edit a project by a patch request.

Parámetros

- **project** (*string*) – URL semántico del proyecto
- **component** (*string*) – URL semántico del componente

PUT /api/projects/(string: *project*)/

Nuevo en la versión 4.3.

Edit a project by a put request.

Parámetros

- **project** (*string*) – URL semántico del proyecto

DELETE /api/projects/(string: *project*)/

Nuevo en la versión 3.9.

Elimina un proyecto.

Parámetros

- **project** (*string*) – URL semántico del proyecto

GET /api/projects/(string: *project*)/changes/

Returns a list of project changes. This is essentially a project scoped `GET /api/changes/` accepting same params.

Parámetros

- **project** (*string*) – URL semántico del proyecto

Response JSON Object

- **results** (*array*) – array of component objects; see `GET /api/changes/(int:id)/`

GET /api/projects/(string: *project*)/repository/

Returns information about VCS repository status. This endpoint contains only an overall summary for all repositories for the project. To get more detailed status use `GET /api/components/(string:project)/(string:component)/repository/`.

Parámetros

- **project** (*string*) – URL semántico del proyecto

Response JSON Object

- **needs_commit** (*boolean*) – whether there are any pending changes to commit
- **needs_merge** (*boolean*) – whether there are any upstream changes to merge
- **needs_push** (*boolean*) – whether there are any local changes to push

Example JSON data:

```
{
    "needs_commit": true,
    "needs_merge": false,
    "needs_push": true
}
```

POST /api/projects/(string: *project*)/repository/

Efectúa la operación indicada en el repositorio del sistema de control de versiones.

Parámetros

- **project** (*string*) – URL semántico del proyecto

Request JSON Object

- **operation** (*string*) – Operation to perform: one of `push`, `pull`, `commit`, `reset`, `cleanup`

Response JSON Object

- **result** (*boolean*) – resultado de la operación

CURL example:

```
curl \
    -d operation=pull \
    -H "Authorization: Token TOKEN" \
    http://example.com/api/projects/hello/repository/
```

JSON request example:

```
POST /api/projects/hello/repository/ HTTP/1.1
Host: example.com
Accept: application/json
Content-Type: application/json
Authorization: Token TOKEN
Content-Length: 20

{"operation":"pull"}
```

Ejemplo de respuesta en JSON

```
HTTP/1.0 200 OK
Date: Tue, 12 Apr 2016 09:32:50 GMT
Server: WSGIServer/0.1 Python/2.7.11+
Vary: Accept, Accept-Language, Cookie
X-Frame-Options: SAMEORIGIN
Content-Type: application/json
Content-Language: en
Allow: GET, POST, HEAD, OPTIONS

{"result":true}
```

GET /api/projects/(string: *project*)/components/

Devuelve un listado de componentes de traducción en el proyecto indicado.

Parámetros

- **project** (*string*) – URL semántico del proyecto

Response JSON Object

- **results** (*array*) – array of component objects; see *GET /api/components/(string:project)/(string:component)/*

POST /api/projects/(string: *project*)/components/

Nuevo en la versión 3.9.

Distinto en la versión 4.3: The `zipfile` and `docfile` parameters are now accepted for VCS less components, see *Archivos locales*.

Crea componentes de traducción en el proyecto indicado.

Parámetros

- **project** (*string*) – URL semántico del proyecto

Request JSON Object

- **zipfile** (*file*) – ZIP file to upload into Weblate for translations initialization
- **docfile** (*file*) – Documento para traducir

Response JSON Object

- **result** (*object*) – Created component object; see *GET /api/components/(string:project)/(string:component)/*

CURL example:

```
curl \
    --data-binary '{
        "branch": "master",
        "file_format": "po",
        "filemask": "po/*.po",
        "git_export": "",
        "license": "",
        "license_url": "",
        "name": "Weblate",
        "slug": "weblate",
        "repo": "file:///home/nijel/work/weblate-hello",
        "template": "",
        "new_base": "",
        "vcs": "git"
    }' \
    -H "Content-Type: application/json" \
    -H "Authorization: Token TOKEN" \
    http://example.com/api/projects/hello/components/
```

JSON request example:

```
POST /api/projects/hello/components/ HTTP/1.1
Host: example.com
Accept: application/json
Content-Type: application/json
Authorization: Token TOKEN
Content-Length: 20

{
    "branch": "master",
    "file_format": "po",
    "filemask": "po/*.po",
    "git_export": "",
    "license": "",
    "license_url": "",
    "name": "Weblate",
    "slug": "weblate",
    "repo": "file:///home/nijel/work/weblate-hello",
    "template": "",
    "new_base": "",
    "vcs": "git"
}
```

Ejemplo de respuesta en JSON

```
HTTP/1.0 200 OK
Date: Tue, 12 Apr 2016 09:32:50 GMT
Server: WSGIServer/0.1 Python/2.7.11+
Vary: Accept, Accept-Language, Cookie
X-Frame-Options: SAMEORIGIN
Content-Type: application/json
Content-Language: en
Allow: GET, POST, HEAD, OPTIONS

{
    "branch": "master",
    "file_format": "po",
    "filemask": "po/*.po",
    "git_export": "",
    "license": "",
    "license_url": "",
    "name": "Weblate",
```

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```
    "slug": "weblate",
    "project": {
        "name": "Hello",
        "slug": "hello",
        "source_language": {
            "code": "en",
            "direction": "ltr",
            "name": "English",
            "url": "http://example.com/api/languages/en/",
            "web_url": "http://example.com/languages/en/"
        },
        "url": "http://example.com/api/projects/hello/",
        "web": "https://weblate.org/",
        "web_url": "http://example.com/projects/hello/"
    },
    "repo": "file:///home/nijel/work/weblate-hello",
    "template": "",
    "new_base": "",
    "url": "http://example.com/api/components/hello/weblate/",
    "vcs": "git",
    "web_url": "http://example.com/projects/hello/weblate/"
}
```

GET /api/projects/(string: *project*)/languages/

Returns paginated statistics for all languages within a project.

Nuevo en la versión 3.8.

Parámetros

- **project** (*string*) – URL semántico del proyecto

Response JSON Object

- **results** (*array*) – array of translation statistics objects
- **language** (*string*) – nombre del idioma
- **code** (*string*) – código del idioma
- **total** (*int*) – número total de cadenas
- **translated** (*int*) – número de cadenas traducidas
- **translated_percent** (*float*) – porcentaje de cadenas traducidas
- **total_words** (*int*) – número total de palabras
- **translated_words** (*int*) – número de palabras traducidas
- **words_percent** (*float*) – porcentaje de palabras traducidas

GET /api/projects/(string: *project*)/statistics/

Devuelve estadísticas sobre un proyecto.

Nuevo en la versión 3.8.

Parámetros

- **project** (*string*) – URL semántico del proyecto

Response JSON Object

- **total** (*int*) – número total de cadenas
- **translated** (*int*) – número de cadenas traducidas
- **translated_percent** (*float*) – porcentaje de cadenas traducidas
- **total_words** (*int*) – número total de palabras

- **translated_words** (*int*) – número de palabras traducidas
- **words_percent** (*float*) – porcentaje de palabras traducidas

1.12.8 Componentes

GET /api/components/

Devuelve un listado de componentes de traducción.

Ver también:

Component object attributes are documented at *GET /api/components/(string:project)/(string:component)/*.

GET /api/components/(string: *project***)/**

string: *component***/** Devuelve información relativa al componente de traducción.

Parámetros

- **project** (*string*) – URL semántico del proyecto
- **component** (*string*) – URL semántico del componente

Response JSON Object

- **project** (*object*) – el proyecto de traducción; vea *GET /api/projects/(string:project)/*
- **name** (*string*) – *Nombre de componente*
- **slug** (*string*) – *«Slug» del componente*
- **vcs** (*string*) – *Sistema de control de versiones*
- **repo** (*string*) – *Repositorio de código fuente*
- **git_export** (*string*) – *URL de repositorio exportado*
- **branch** (*string*) – *Rama del repositorio*
- **push_branch** (*string*) – *Rama a la que enviar*
- **filemask** (*string*) – *File mask*
- **template** (*string*) – *Archivo de base monolingüe*
- **edit_template** (*string*) – *Editar archivo de base*
- **intermediate** (*string*) – *Archivo de idioma intermediario*
- **new_base** (*string*) – *Plantilla para traducciones nuevas*
- **file_format** (*string*) – *Formato de archivo*
- **license** (*string*) – *Licencia de la traducción*
- **agreement** (*string*) – *Acuerdo de contribuidor*
- **new_lang** (*string*) – *Adición de traducciones nuevas*
- **language_code_style** (*string*) – *Estilo de código de idioma*
- **source_language** (*object*) – objeto de idioma de origen; vea *GET /api/languages/(string:language)/*
- **push** (*string*) – *URL de envío al repositorio*
- **check_flags** (*string*) – *Indicadores de traducción*
- **priority** (*string*) – *Prioridad*
- **enforced_checks** (*string*) – *Comprobaciones obligatorias*

- **restricted** (*string*) – *Acceso restringido*
- **repoweb** (*string*) – *Explorador del repositorio*
- **report_source_bugs** (*string*) – *Dirección para informar de errores en las cadenas de origen*
- **merge_style** (*string*) – *Estilo de fusión*
- **commit_message** (*string*) – *Commit, add, delete, merge and addon messages*
- **add_message** (*string*) – *Commit, add, delete, merge and addon messages*
- **delete_message** (*string*) – *Commit, add, delete, merge and addon messages*
- **merge_message** (*string*) – *Commit, add, delete, merge and addon messages*
- **addon_message** (*string*) – *Commit, add, delete, merge and addon messages*
- **allow_translation_propagation** (*string*) – *Permitir propagación de traducciones*
- **enable_suggestions** (*string*) – *Activar sugerencias*
- **suggestion_voting** (*string*) – *Votar sugerencias*
- **suggestion_autoaccept** (*string*) – *Aceptar sugerencias automáticamente*
- **push_on_commit** (*string*) – *Enviar al consignar*
- **commit_pending_age** (*string*) – *Antigüedad de cambios por consignar*
- **auto_lock_error** (*string*) – *Bloquear al producirse un error*
- **language_regex** (*string*) – *Filtro de idioma*
- **variant_regex** (*string*) – *Expresión regular de variantes*
- **repository_url** (*string*) – URL al estado del repositorio; vea `GET /api/components/(string:project)/(string:component)/repository/`
- **translations_url** (*string*) – URL a la lista de traducciones; vea `GET /api/components/(string:project)/(string:component)/translations/`
- **lock_url** (*string*) – URL to lock status; see `GET /api/components/(string:project)/(string:component)/lock/`
- **changes_list_url** (*string*) – URL to changes list; see `GET /api/components/(string:project)/(string:component)/changes/`

Example JSON data:

```
{
    "branch": "master",
    "file_format": "po",
    "filemask": "po/*.po",
    "git_export": "",
    "license": "",
    "license_url": "",
    "name": "Weblate",
    "slug": "weblate",
    "project": {
        "name": "Hello",
        "slug": "hello",
        "source_language": {
            "code": "en",
            "direction": "ltr",
            "name": "English",
            "url": "http://example.com/api/languages/en/",
```

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```
            "web_url": "http://example.com/languages/en/"
        },
        "url": "http://example.com/api/projects/hello/",
        "web": "https://weblate.org/",
        "web_url": "http://example.com/projects/hello/"
    },
    "source_language": {
        "code": "en",
        "direction": "ltr",
        "name": "English",
        "url": "http://example.com/api/languages/en/",
        "web_url": "http://example.com/languages/en/"
    },
    "repo": "file:///home/nijel/work/weblate-hello",
    "template": "",
    "new_base": "",
    "url": "http://example.com/api/components/hello/weblate/",
    "vcs": "git",
    "web_url": "http://example.com/projects/hello/weblate/"
}
```

PATCH /api/components/(string: *project*)/

string: *component*/ Edit a component by a patch request.

Parámetros

- **project** (*string*) – URL semántico del proyecto
- **component** (*string*) – URL semántico del componente
- **source_language** (*string*) – Código del idioma de origen del proyecto (opcional)

Request JSON Object

- **name** (*string*) – nombre del componente
- **slug** (*string*) – slug of component
- **repo** (*string*) – VCS repository URL

CURL example:

```
curl \
    --data-binary '{"name": "new name"}' \
    -H "Content-Type: application/json" \
    -H "Authorization: Token TOKEN" \
    PATCH http://example.com/api/projects/hello/components/
```

JSON request example:

```
PATCH /api/projects/hello/components/ HTTP/1.1
Host: example.com
Accept: application/json
Content-Type: application/json
Authorization: Token TOKEN
Content-Length: 20

{
    "name": "new name"
}
```

Ejemplo de respuesta en JSON

```
HTTP/1.0 200 OK
Date: Tue, 12 Apr 2016 09:32:50 GMT
Server: WSGIServer/0.1 Python/2.7.11+
Vary: Accept, Accept-Language, Cookie
X-Frame-Options: SAMEORIGIN
Content-Type: application/json
Content-Language: en
Allow: GET, POST, HEAD, OPTIONS

{
    "branch": "master",
    "file_format": "po",
    "filemask": "po/*.po",
    "git_export": "",
    "license": "",
    "license_url": "",
    "name": "new name",
    "slug": "weblate",
    "project": {
        "name": "Hello",
        "slug": "hello",
        "source_language": {
            "code": "en",
            "direction": "ltr",
            "name": "English",
            "url": "http://example.com/api/languages/en/",
            "web_url": "http://example.com/languages/en/"
        },
        "url": "http://example.com/api/projects/hello/",
        "web": "https://weblate.org/",
        "web_url": "http://example.com/projects/hello/"
    },
    "repo": "file:///home/nijel/work/weblate-hello",
    "template": "",
    "new_base": "",
    "url": "http://example.com/api/components/hello/weblate/",
    "vcs": "git",
    "web_url": "http://example.com/projects/hello/weblate/"
}
```

PUT /api/components/(string: *project*)/(string: *component*)/ Edit a component by a put request.

Parámetros

- **project** (*string*) – URL semántico del proyecto
- **component** (*string*) – URL semántico del componente

Request JSON Object

- **branch** (*string*) – Rama del repositorio de control de versiones
- **file_format** (*string*) – formato de archivo de las traducciones
- **filemask** (*string*) – mask of translation files in the repository
- **name** (*string*) – nombre del componente
- **slug** (*string*) – slug of component
- **repo** (*string*) – VCS repository URL
- **template** (*string*) – base file for monolingual translations
- **new_base** (*string*) – base file for adding new translations

- **vcs** (*string*) – sistema de control de versiones

DELETE /api/components/(string: *project*)/string: *component*/ Nuevo en la versión 3.9.

Elimina un componente.

Parámetros

- **project** (*string*) – URL semántico del proyecto
- **component** (*string*) – URL semántico del componente

GET /api/components/(string: *project*)/string: *component*/changes/ Returns a list of component changes. This is essentially a component scoped *GET /api/changes/* accepting same params.

Parámetros

- **project** (*string*) – URL semántico del proyecto
- **component** (*string*) – URL semántico del componente

Response JSON Object

- **results** (*array*) – array of component objects; see *GET /api/changes/(int:id)/*

GET /api/components/(string: *project*)/string: *component*/screenshots/ Devuelve un listado de las capturas de pantalla del componente.

Parámetros

- **project** (*string*) – URL semántico del proyecto
- **component** (*string*) – URL semántico del componente

Response JSON Object

- **results** (*array*) – array of component screenshots; see *GET /api/screenshots/(int:id)/*

GET /api/components/(string: *project*)/string: *component*/lock/ Devuelve el estado de bloqueo del componente.

Parámetros

- **project** (*string*) – URL semántico del proyecto
- **component** (*string*) – URL semántico del componente

Response JSON Object

- **locked** (*boolean*) – whether component is locked for updates

Example JSON data:

```
{
    "locked": false
}
```

POST /api/components/(string: *project*)/string: *component*/lock/ Establece el estado de bloqueo del componente.

Response is same as *GET /api/components/(string:project)/(string:component)/lock/*.

Parámetros

- **project** (*string*) – URL semántico del proyecto
- **component** (*string*) – URL semántico del componente

Request JSON Object

- **lock** – Boolean whether to lock or not.

CURL example:

```
curl \
    -d lock=true \
    -H "Authorization: Token TOKEN" \
    http://example.com/api/components/hello/weblate/repository/
```

JSON request example:

```
POST /api/components/hello/weblate/repository/ HTTP/1.1
Host: example.com
Accept: application/json
Content-Type: application/json
Authorization: Token TOKEN
Content-Length: 20

{"lock": true}
```

Ejemplo de respuesta en JSON

```
HTTP/1.0 200 OK
Date: Tue, 12 Apr 2016 09:32:50 GMT
Server: WSGIServer/0.1 Python/2.7.11+
Vary: Accept, Accept-Language, Cookie
X-Frame-Options: SAMEORIGIN
Content-Type: application/json
Content-Language: en
Allow: GET, POST, HEAD, OPTIONS

{"locked":true}
```

GET /api/components/(string: *project*)/(string: *component*)/repository/ Returns information about VCS repository status.

The response is same as for *GET /api/projects/(string:project)/repository/*.

Parámetros

- **project** (*string*) – URL semántico del proyecto
- **component** (*string*) – URL semántico del componente

Response JSON Object

- **needs_commit** (*boolean*) – whether there are any pending changes to commit
- **needs_merge** (*boolean*) – whether there are any upstream changes to merge
- **needs_push** (*boolean*) – whether there are any local changes to push
- **remote_commit** (*string*) – Remote commit information
- **status** (*string*) – VCS repository status as reported by VCS
- **merge_failure** – Text describing merge failure or null if there is none

POST /api/components/(string: *project*)/(string: *component*)/repository/ Performs the given operation on a VCS repository.

See *POST /api/projects/(string:project)/repository/* for documentation.

Parámetros

- **project** (*string*) – URL semántico del proyecto
- **component** (*string*) – URL semántico del componente

Request JSON Object

- **operation** (*string*) – Operation to perform: one of `push`, `pull`, `commit`, `reset`, `cleanup`

Response JSON Object

- **result** (*boolean*) – resultado de la operación

CURL example:

```
curl \
    -d operation=pull \
    -H "Authorization: Token TOKEN" \
    http://example.com/api/components/hello/weblate/repository/
```

JSON request example:

```
POST /api/components/hello/weblate/repository/ HTTP/1.1
Host: example.com
Accept: application/json
Content-Type: application/json
Authorization: Token TOKEN
Content-Length: 20

{"operation":"pull"}
```

Ejemplo de respuesta en JSON

```
HTTP/1.0 200 OK
Date: Tue, 12 Apr 2016 09:32:50 GMT
Server: WSGIServer/0.1 Python/2.7.11+
Vary: Accept, Accept-Language, Cookie
X-Frame-Options: SAMEORIGIN
Content-Type: application/json
Content-Language: en
Allow: GET, POST, HEAD, OPTIONS

{"result":true}
```

GET /api/components/(string: *project*)/(string: *component*)/monolingual_base/ Descarga el archivo de base para traducciones monolingües.

Parámetros

- **project** (*string*) – URL semántico del proyecto
- **component** (*string*) – URL semántico del componente

GET /api/components/(string: *project*)/(string: *component*)/new_template/ Descarga el archivo de plantilla para traducciones nuevas.

Parámetros

- **project** (*string*) – URL semántico del proyecto
- **component** (*string*) – URL semántico del componente

GET /api/components/(string: *project*)/(string: *component*)/translations/ Devuelve un listado de objetos de traducción en el componente indicado.

Parámetros

- **project** (*string*) – URL semántico del proyecto
- **component** (*string*) – URL semántico del componente

Response JSON Object

- **results** (*array*) – array of translation objects; see *GET /api/translations/(string:project)/(string:component)/(string:language)/*

POST /api/components/(string: *project*)/(string: *component*)/translations/ Creates new translation in the given component.

Parámetros

- **project** (*string*) – URL semántico del proyecto
- **component** (*string*) – URL semántico del componente

Request JSON Object

- **language_code** (*string*) – translation language code; see *GET /api/languages/(string:language)/*

Response JSON Object

- **result** (*object*) – new translation object created

CURL example:

```
curl \
    -d language_code=cs \
    -H "Authorization: Token TOKEN" \
    http://example.com/api/projects/hello/components/
```

JSON request example:

```
POST /api/projects/hello/components/ HTTP/1.1
Host: example.com
Accept: application/json
Content-Type: application/json
Authorization: Token TOKEN
Content-Length: 20

{"language_code": "cs"}
```

Ejemplo de respuesta en JSON

```
HTTP/1.0 200 OK
Date: Tue, 12 Apr 2016 09:32:50 GMT
Server: WSGIServer/0.1 Python/2.7.11+
Vary: Accept, Accept-Language, Cookie
X-Frame-Options: SAMEORIGIN
Content-Type: application/json
Content-Language: en
Allow: GET, POST, HEAD, OPTIONS

{
    "failing_checks": 0,
    "failing_checks_percent": 0,
    "failing_checks_words": 0,
    "filename": "po/cs.po",
    "fuzzy": 0,
    "fuzzy_percent": 0.0,
    "fuzzy_words": 0,
    "have_comment": 0,
    "have_suggestion": 0,
    "is_template": false,
    "is_source": false,
    "language": {
        "code": "cs",
        "direction": "ltr",
```

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```
        "name": "Czech",
        "url": "http://example.com/api/languages/cs/",
        "web_url": "http://example.com/languages/cs/"
    },
    "language_code": "cs",
    "id": 125,
    "last_author": null,
    "last_change": null,
    "share_url": "http://example.com/engage/hello/cs/",
    "total": 4,
    "total_words": 15,
    "translate_url": "http://example.com/translate/hello/weblate/cs/",
    "translated": 0,
    "translated_percent": 0.0,
    "translated_words": 0,
    "url": "http://example.com/api/translations/hello/weblate/cs/",
    "web_url": "http://example.com/projects/hello/weblate/cs/"
}
```

GET /api/components/(string: *project*)/
string: *component*/statistics/ Devuelve estadísticas paginadas para todas las traducciones del componente.

Nuevo en la versión 2.7.

Parámetros

- **project** (*string*) – URL semántico del proyecto
- **component** (*string*) – URL semántico del componente

Response JSON Object

- **results** (*array*) – array of translation statistics objects; see *GET /api/translations/(string:project)/(string:component)/(string:language)/statistics/*

1.12.9 Traducciones

GET /api/translations/
Devuelve un listado de traducciones.

Ver también:

Translation object attributes are documented at *GET /api/translations/(string:project)/(string:component)/(string:language)/*.

GET /api/translations/(string: *project*)/
string: *component*/string: *language*/ Devuelve información relativa a una traducción.

Parámetros

- **project** (*string*) – URL semántico del proyecto
- **component** (*string*) – URL semántico del componente
- **language** (*string*) – Código de idioma de la traducción

Response JSON Object

- **component** (*object*) – component object; see *GET /api/components/(string:project)/(string:component)/*
- **failing_checks** (*int*) – número de cadenas que fallan una comprobación

- **failing_checks_percent** (*float*) – porcentaje de cadenas que fallan una comprobación
- **failing_checks_words** (*int*) – número de palabras con comprobaciones fallidas
- **filename** (*string*) – nombre de archivo de la traducción
- **fuzzy** (*int*) – número de cadenas marcadas para revisión
- **fuzzy_percent** (*float*) – porcentaje de cadenas marcadas para revisión
- **fuzzy_words** (*int*) – número de palabras marcadas para revisión
- **have_comment** (*int*) – número de cadenas con un comentario
- **have_suggestion** (*int*) – número de cadenas con una sugerencia
- **is_template** (*boolean*) – indica si la traducción tiene una base monolingüe
- **language** (*object*) – objeto de idioma de origen; vea *GET /api/languages/(string:language)/*
- **language_code** (*string*) – el código de idioma utilizado en el repositorio; puede ser distinto del código de idioma del objeto de idioma
- **last_author** (*string*) – nombre del último autor
- **last_change** (*timestamp*) – cronomarcador del último cambio
- **revision** (*string*) – revision hash for the file
- **share_url** (*string*) – URL para compartir que va a la página de participación
- **total** (*int*) – número total de cadenas
- **total_words** (*int*) – número total de palabras
- **translate_url** (*string*) – URL para traducir
- **translated** (*int*) – número de cadenas traducidas
- **translated_percent** (*float*) – porcentaje de cadenas traducidas
- **translated_words** (*int*) – número de palabras traducidas
- **repository_url** (*string*) – URL to repository status; see *GET /api/translations/(string:project)/(string:component)/(string:language)/repository/*
- **file_url** (*string*) – URL to file object; see *GET /api/translations/(string:project)/(string:component)/(string:language)/file/*
- **changes_list_url** (*string*) – URL to changes list; see *GET /api/translations/(string:project)/(string:component)/(string:language)/changes/*
- **units_list_url** (*string*) – URL to strings list; see *GET /api/translations/(string:project)/(string:component)/(string:language)/units/*

Example JSON data:

```
{
    "component": {
        "branch": "master",
        "file_format": "po",
        "filemask": "po/*.po",
        "git_export": "",
        "license": "",
        "license_url": "",
```

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```
        "name": "Weblate",
        "new_base": "",
        "project": {
            "name": "Hello",
            "slug": "hello",
            "source_language": {
                "code": "en",
                "direction": "ltr",
                "name": "English",
                "url": "http://example.com/api/languages/en/",
                "web_url": "http://example.com/languages/en/"
            },
            "url": "http://example.com/api/projects/hello/",
            "web": "https://weblate.org/",
            "web_url": "http://example.com/projects/hello/"
        },
        "repo": "file:///home/nijel/work/weblate-hello",
        "slug": "weblate",
        "template": "",
        "url": "http://example.com/api/components/hello/weblate/",
        "vcs": "git",
        "web_url": "http://example.com/projects/hello/weblate/"
    },
    "failing_checks": 3,
    "failing_checks_percent": 75.0,
    "failing_checks_words": 11,
    "filename": "po/cs.po",
    "fuzzy": 0,
    "fuzzy_percent": 0.0,
    "fuzzy_words": 0,
    "have_comment": 0,
    "have_suggestion": 0,
    "is_template": false,
    "language": {
        "code": "cs",
        "direction": "ltr",
        "name": "Czech",
        "url": "http://example.com/api/languages/cs/",
        "web_url": "http://example.com/languages/cs/"
    },
    "language_code": "cs",
    "last_author": "Weblate Admin",
    "last_change": "2016-03-07T10:20:05.499",
    "revision": "7ddfafe6daaf57fc8654cc852ea6be212b015792",
    "share_url": "http://example.com/engage/hello/cs/",
    "total": 4,
    "total_words": 15,
    "translate_url": "http://example.com/translate/hello/weblate/cs/",
    "translated": 4,
    "translated_percent": 100.0,
    "translated_words": 15,
    "url": "http://example.com/api/translations/hello/weblate/cs/",
    "web_url": "http://example.com/projects/hello/weblate/cs/"
}
```


DELETE /api/translations/(string: *project*)**/**
string: *component*/**string:** *language*/ Nuevo en la versión 3.9.

Elimina una traducción.

Parámetros

- **project** (*string*) – URL semántico del proyecto

- **component** (*string*) – URL semántico del componente
- **language** (*string*) – Código de idioma de la traducción

GET /api/translations/(**string:** *project*)**/**
string: *component***/string:** *language***/changes/** Returns a list of translation changes. This is essentially a translations-scoped `GET /api/changes/` accepting the same parameters.

Parámetros

- **project** (*string*) – URL semántico del proyecto
- **component** (*string*) – URL semántico del componente
- **language** (*string*) – Código de idioma de la traducción

Response JSON Object

- **results** (*array*) – array of component objects; see `GET /api/changes/(int:id)/`

GET /api/translations/(**string:** *project*)**/**
string: *component***/string:** *language***/units/** Devuelve un listado de unidades de traducción.

Parámetros

- **project** (*string*) – URL semántico del proyecto
- **component** (*string*) – URL semántico del componente
- **language** (*string*) – Código de idioma de la traducción
- **q** (*string*) – Search query string *Búsquedas* (optional)

Response JSON Object

- **results** (*array*) – array of component objects; see `GET /api/units/(int:id)/`

POST /api/translations/(**string:** *project*)**/**
string: *component***/string:** *language***/units/** Add new monolingual unit.

Parámetros

- **project** (*string*) – URL semántico del proyecto
- **component** (*string*) – URL semántico del componente
- **language** (*string*) – Código de idioma de la traducción

Request JSON Object

- **key** (*string*) – Name of translation unit
- **value** (*string*) – The translation unit value

POST /api/translations/(**string:** *project*)**/**
string: *component***/string:** *language***/autotranslate/** Trigger automatic translation.

Parámetros

- **project** (*string*) – URL semántico del proyecto
- **component** (*string*) – URL semántico del componente
- **language** (*string*) – Código de idioma de la traducción

Request JSON Object

- **mode** (*string*) – Modo de traducción automatizada
- **filter_type** (*string*) – Automatic translation filter type
- **auto_source** (*string*) – Fuente de la traducción automática

- **component** (*string*) – Permita que el proyecto contribuya a la memoria de traducción compartida para obtener acceso a componentes adicionales.
- **engines** (*string*) – Motores de traducción automática
- **threshold** (*string*) – Umbral de puntuación

GET /api/translations/(string: *project*)/(string: *component*)/(string: *language*)/file/ Download current translation file as stored in VCS (without `format` parameter) or as converted to a standard format (currently supported: Gettext PO, MO, XLIFF and TBX).

Nota: This API endpoint uses different logic for output than rest of API as it operates on whole file rather than on data. Set of accepted `format` parameter differs and without such parameter you get translation file as stored in VCS.

Query Parameters

- **format** – File format to use; if not specified no format conversion happens; supported file formats: `po`, `mo`, `xliff`, `xliff11`, `tbx`, `csv`, `xlsx`, `json`, `aresource`, `strings`

Parámetros

- **project** (*string*) – URL semántico del proyecto
- **component** (*string*) – URL semántico del componente
- **language** (*string*) – Código de idioma de la traducción

POST /api/translations/(string: *project*)/(string: *component*)/(string: *language*)/file/ Upload new file with translations.

Parámetros

- **project** (*string*) – URL semántico del proyecto
- **component** (*string*) – URL semántico del componente
- **language** (*string*) – Código de idioma de la traducción

Form Parameters

- **string conflicts** – How to deal with conflicts (`ignore`, `replace-translated` or `replace-approved`)
- **file file** – Archivo cargado
- **string email** – Correo electrónico del autor
- **string author** – Nombre del autor
- **string method** – Upload method (`translate`, `approve`, `suggest`, `fuzzy`, `replace`, `source`), see *Métodos de importación*
- **string fuzzy** – Fuzzy strings processing (*empty*, `process`, `approve`)

CURL example:

```
curl -X POST \
    -F file=@strings.xml \
    -H "Authorization: Token TOKEN" \
    http://example.com/api/translations/hello/android/cs/file/
```

GET /api/translations/(string: *project*)/(string: *component*)/(string: *language*)/repository/ Returns information about VCS repository status.

The response is same as for *GET /api/components/(string:project)/(string:component)/repository/*.

Parámetros

- **project** (*string*) – URL semántico del proyecto
- **component** (*string*) – URL semántico del componente
- **language** (*string*) – Código de idioma de la traducción

POST /api/translations/(string: *project*)/string: *component*/string: *language*/repository/ Efectúa la operación indicada en el repositorio del sistema de control de versiones.

See *POST /api/projects/(string:project)/repository/* for documentation.

Parámetros

- **project** (*string*) – URL semántico del proyecto
- **component** (*string*) – URL semántico del componente
- **language** (*string*) – Código de idioma de la traducción

Request JSON Object

- **operation** (*string*) – Operation to perform: one of `push`, `pull`, `commit`, `reset`, `cleanup`

Response JSON Object

- **result** (*boolean*) – resultado de la operación

GET /api/translations/(string: *project*)/string: *component*/string: *language*/statistics/ Devuelve estadísticas detalladas sobre la traducción.

Nuevo en la versión 2.7.

Parámetros

- **project** (*string*) – URL semántico del proyecto
- **component** (*string*) – URL semántico del componente
- **language** (*string*) – Código de idioma de la traducción

Response JSON Object

- **code** (*string*) – código del idioma
- **failing** (*int*) – número de comprobaciones fallidas
- **failing_percent** (*float*) – porcentaje de comprobaciones fallidas
- **fuzzy** (*int*) – número de cadenas que necesitan revisión
- **fuzzy_percent** (*float*) – porcentaje de cadenas que necesitan revisión
- **total_words** (*int*) – número total de palabras
- **translated_words** (*int*) – número de palabras traducidas
- **last_author** (*string*) – nombre del último autor
- **last_change** (*timestamp*) – fecha del último cambio
- **name** (*string*) – nombre del idioma
- **total** (*int*) – número total de cadenas
- **translated** (*int*) – número de cadenas traducidas
- **translated_percent** (*float*) – porcentaje de cadenas traducidas

- **url** (*string*) – URL to access the translation (engagement URL)
- **url_translate** (*string*) – URL to access the translation (real translation URL)

1.12.10 Unidades

Nuevo en la versión 2.10.

GET /api/units/

Devuelve un listado de unidades de traducción.

Ver también:

Unit object attributes are documented at *GET /api/units/(int:id)/*.

GET /api/units/(int: *id*)/

Distinto en la versión 4.3: The `target` and `source` are now arrays to properly handle plural strings.

Returns information about translation unit.

Parámetros

- **id** (*int*) – Identificador de unidad

Response JSON Object

- **translation** (*string*) – URL de un objeto de traducción relacionado
- **source** (*array*) – cadena de origen
- **previous_source** (*string*) – previous source string used for fuzzy matching
- **target** (*array*) – cadena de destino
- **id_hash** (*string*) – identificador único de la unidad
- **content_hash** (*string*) – identificador único de la cadena de origen
- **location** (*string*) – ubicación de la unidad en el código fuente
- **context** (*string*) – contexto de la unidad de traducción
- **note** (*string*) – nota de la unidad de traducción
- **flags** (*string*) – indicadores de la unidad de traducción
- **state** (*int*) – unit state, 0 - not translated, 10 - needs editing, 20 - translated, 30 - approved, 100 - read only
- **fuzzy** (*boolean*) – si la unidad está marcada como pendiente de trabajo o revisión
- **translated** (*boolean*) – indica si la unidad está traducida
- **approved** (*boolean*) – indica si la traducción está aprobada
- **position** (*int*) – posición de la unidad en el archivo de traducción
- **has_suggestion** (*boolean*) – indica si la unidad tiene sugerencias
- **has_comment** (*boolean*) – indica si la unidad tiene comentarios
- **has_failing_check** (*boolean*) – indica si la unidad tiene comprobaciones fallidas
- **num_words** (*int*) – número de palabras de origen
- **priority** (*int*) – prioridad de traducción; 100 es la predeterminada
- **id** (*int*) – identificador de unidad
- **explanation** (*string*) – String explanation, available on source units, see *Información adicional sobre las cadenas de origen*

- **extra_flags** (*string*) – Additional string flags, available on source units, see *Personalizar el comportamiento*
- **web_url** (*string*) – URL para editar la unidad
- **souce_unit** (*string*) – Source unit link; see `GET /api/units/(int:id)/`

PATCH /api/units/(int: *id*)/

Nuevo en la versión 4.3.

Performs partial update on translation unit.

Parámetros

- **id** (*int*) – Identificador de unidad

Request JSON Object

- **state** (*int*) – unit state, 0 - not translated, 10 - needs editing, 20 - translated, 30 - approved, 100 - read only
- **target** (*array*) – cadena de destino
- **explanation** (*string*) – String explanation, available on source units, see *Información adicional sobre las cadenas de origen*
- **extra_flags** (*string*) – Additional string flags, available on source units, see *Personalizar el comportamiento*

PUT /api/units/(int: *id*)/

Nuevo en la versión 4.3.

Performs full update on translation unit.

Parámetros

- **id** (*int*) – Identificador de unidad

Request JSON Object

- **state** (*int*) – unit state, 0 - not translated, 10 - needs editing, 20 - translated, 30 - approved, 100 - read only
- **target** (*array*) – cadena de destino
- **explanation** (*string*) – String explanation, available on source units, see *Información adicional sobre las cadenas de origen*
- **extra_flags** (*string*) – Additional string flags, available on source units, see *Personalizar el comportamiento*

DELETE /api/units/(int: *id*)/

Nuevo en la versión 4.3.

Deletes a translation unit.

Parámetros

- **id** (*int*) – Identificador de unidad

1.12.11 Cambios

Nuevo en la versión 2.10.

GET /api/changes/

Distinto en la versión 4.1: Filtering of changes was introduced in the 4.1 release.

Devuelve un listado de cambios a la traducción.

Ver también:

Change object attributes are documented at *GET /api/changes/(int:id)/*.

Query Parameters

- **user** (*string*) – Username of user to filters
- **action** (*int*) – Action to filter, can be used several times
- **timestamp_after** (*timestamp*) – ISO 8601 formatted timestamp to list changes after
- **timestamp_before** (*timestamp*) – ISO 8601 formatted timestamp to list changes before

GET /api/changes/(int: *id*)/

Devuelve información relativa a un cambio de traducción.

Parámetros

- **id** (*int*) – Identificador de cambio

Response JSON Object

- **unit** (*string*) – URL of a related unit object
- **translation** (*string*) – URL de un objeto de traducción relacionado
- **component** (*string*) – URL of a related component object
- **glossary_term** (*string*) – URL of a related glossary term object
- **user** (*string*) – URL of a related user object
- **author** (*string*) – URL of a related author object
- **timestamp** (*timestamp*) – cronomarcador de suceso
- **action** (*int*) – identificación numérica de acción
- **action_name** (*string*) – descripción de texto de acción
- **target** (*string*) – event changed text or detail
- **id** (*int*) – change identifier

1.12.12 Capturas de pantalla

Nuevo en la versión 2.14.

GET /api/screenshots/

Devuelve un listado de información de cadenas de capturas de pantalla.

Ver también:

Screenshot object attributes are documented at *GET /api/screenshots/(int:id)/*.

GET /api/screenshots/(int: *id*)/

Devuelve información relativa a los datos de una captura de pantalla.

Parámetros

- **id** (*int*) – Identificador de captura de pantalla

Response JSON Object

- **name** (*string*) – nombre de una captura de pantalla
- **component** (*string*) – URL of a related component object
- **file_url** (*string*) – URL to download a file; see *GET /api/screenshots/(int:id)/file/*
- **units** (*array*) – link to associated source string information; see *GET /api/units/(int:id)/*

GET /api/screenshots/(int: *id*)/file/

Download the screenshot image.

Parámetros

- **id** (*int*) – Identificador de captura de pantalla

POST /api/screenshots/(int: *id*)/file/

Replace screenshot image.

Parámetros

- **id** (*int*) – Identificador de captura de pantalla

Form Parameters

- **file image** – Archivo cargado

CURL example:

```
curl -X POST \
    -F image=@image.png \
    -H "Authorization: Token TOKEN" \
    http://example.com/api/screenshots/1/file/
```

POST /api/screenshots/(int: *id*)/units/

Associate source string with screenshot.

Parámetros

- **id** (*int*) – Identificador de captura de pantalla

Form Parameters

- **string unit_id** – Identificador de unidad

Response JSON Object

- **name** (*string*) – nombre de una captura de pantalla
- **translation** (*string*) – URL de un objeto de traducción relacionado
- **file_url** (*string*) – URL to download a file; see *GET /api/screenshots/(int:id)/file/*
- **units** (*array*) – link to associated source string information; see *GET /api/units/(int:id)/*

DELETE /api/screenshots/(int: *id*)/units/

int: *unit_id* Remove source string association with screenshot.

Parámetros

- **id** (*int*) – Identificador de captura de pantalla
- **unit_id** – Id. de unidad de cadena de origen

POST /api/screenshots/

Crea una captura de pantalla nueva.

Form Parameters

- **file image** – Archivo cargado
- **string name** – Nombre de captura de pantalla
- **string project_slug** – «Slug» del proyecto
- **string component_slug** – «Slug» del componente
- **string language_code** – Código de idioma

Response JSON Object

- **name** (*string*) – nombre de una captura de pantalla
- **component** (*string*) – URL of a related component object
- **file_url** (*string*) – URL to download a file; see *GET /api/screenshots/(int:id)/file/*
- **units** (*array*) – link to associated source string information; see *GET /api/units/(int:id)/*

PATCH /api/screenshots/(int: *id*)/

Edit partial information about screenshot.

Parámetros

- **id** (*int*) – Identificador de captura de pantalla

Response JSON Object

- **name** (*string*) – nombre de una captura de pantalla
- **component** (*string*) – URL of a related component object
- **file_url** (*string*) – URL to download a file; see *GET /api/screenshots/(int:id)/file/*
- **units** (*array*) – link to associated source string information; see *GET /api/units/(int:id)/*

PUT /api/screenshots/(int: *id*)/

Edit full information about screenshot.

Parámetros

- **id** (*int*) – Identificador de captura de pantalla

Response JSON Object

- **name** (*string*) – nombre de una captura de pantalla
- **component** (*string*) – URL of a related component object
- **file_url** (*string*) – URL to download a file; see *GET /api/screenshots/(int:id)/file/*
- **units** (*array*) – link to associated source string information; see *GET /api/units/(int:id)/*

DELETE /api/screenshots/(int: *id*)/

Eliminar captura de pantalla.

Parámetros

- **id** (*int*) – Identificador de captura de pantalla

1.12.13 Listas de componentes

Nuevo en la versión 4.0.

GET /api/component-lists/
Devuelve un listado de listas de componentes.

Ver también:

Component list object attributes are documented at *GET /api/component-lists/(str:slug)/*.

GET /api/component-lists/(str: *slug*)/
Devuelve información relativa a la lista de componentes.

Parámetros

- **slug** (*string*) – Component list slug

Response JSON Object

- **name** (*string*) – name of a component list
- **slug** (*string*) – slug of a component list
- **show_dashboard** (*boolean*) – whether to show it on a dashboard
- **components** (*array*) – link to associated components; see *GET /api/components/(string:project)/(string:component)/*
- **auto_assign** (*array*) – automatic assignment rules

PUT /api/component-lists/(str: *slug*)/
Changes the component list parameters.

Parámetros

- **slug** (*string*) – Component list slug

Request JSON Object

- **name** (*string*) – name of a component list
- **slug** (*string*) – slug of a component list
- **show_dashboard** (*boolean*) – whether to show it on a dashboard

PATCH /api/component-lists/(str: *slug*)/
Changes the component list parameters.

Parámetros

- **slug** (*string*) – Component list slug

Request JSON Object

- **name** (*string*) – name of a component list
- **slug** (*string*) – slug of a component list
- **show_dashboard** (*boolean*) – whether to show it on a dashboard

DELETE /api/component-lists/(str: *slug*)/
Deletes the component list.

Parámetros

- **slug** (*string*) – Component list slug

POST /api/component-lists/(str: *slug*)/components/
Associate component with a component list.

Parámetros

- **slug** (*string*) – Component list slug

Form Parameters

- **string component_id** – Identificador de componente

DELETE /api/component-lists/(str: *slug*)/components/
str: *component_slug* Disassociate a component from the component list.

Parámetros

- **slug** (*string*) – Component list slug
- **component_slug** (*string*) – «Slug» del componente

1.12.14 Glosario

GET /api/glossary/
Returns a list of all glossaries which are associated with a project that user has access to.

Ver también:

Los atributos de objeto de idioma se documentan en *GET /api/languages/(string:language)/*.

GET /api/glossary/(int: *id*)/
Returns information about a glossary.

Parámetros

- **id** (*int*) – Glossary id

Response JSON Object

- **name** (*string*) – Código de idioma
- **color** (*string*) – Dirección del texto
- **source_language** (*object*) – Objeto de información de plurales de un idioma
- **projects** (*array*) – link to associated projects; see *GET /api/projects/(string:project)/*

Example JSON data:

```
{
    "name": "Hello",
    "id": 1,
    "color": "silver",
    "source_language": {
        "code": "en",
        "name": "English",
        "plural": {
            "id": 75,
            "source": 0,
            "number": 2,
            "formula": "n != 1",
            "type": 1
        },
        "aliases": [
            "english",
            "en_en",
            "base",
            "source",
            "eng"
        ],
        "direction": "ltr",
        "web_url": "http://example.com/languages/en/",
        "url": "http://example.com/api/languages/en/",
        "statistics_url": "http://example.com/api/languages/en/statistics/"
```

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```
    },
    "project": {
        "name": "Hello",
        "slug": "hello",
        "id": 1,
        "source_language": {
            "code": "en",
            "name": "English",
            "plural": {
                "id": 75,
                "source": 0,
                "number": 2,
                "formula": "n != 1",
                "type": 1
            },
            "aliases": [
                "english",
                "en_en",
                "base",
                "source",
                "eng"
            ],
            "direction": "ltr",
            "web_url": "http://example.com/languages/en/",
            "url": "http://example.com/api/languages/en/",
            "statistics_url": "http://example.com/api/languages/en/statistics/"
        },
        "web_url": "http://example.com/projects/demo1/",
        "url": "http://example.com/api/projects/demo1/",
        "components_list_url": "http://example.com/api/projects/demo1/
↪components/",
        "repository_url": "http://example.com/api/projects/demo1/repository/",
        "statistics_url": "http://example.com/api/projects/demo1/statistics/",
        "changes_list_url": "http://example.com/api/projects/demo1/changes/",
        "languages_url": "http://example.com/api/projects/demo1/languages/"
    },
    "projects_url": "http://example.com/api/glossary/7/projects/",
    "terms_url": "http://example.com/api/glossary/7/terms/",
    "url": "http://example.com/api/glossary/7/"
}
```

PUT /api/glossary/(int: *id*)/

Changes the glossary parameters.

Parámetros

- **id** (*int*) – Glossary id

Request JSON Object

- **name** (*string*) – Nombre del idioma
- **color** (*string*) – Dirección del idioma
- **source_language** (*object*) – Language plural details

PATCH /api/glossary/(int: *id*)/

Changes the glossary parameters.

Parámetros

- **id** (*int*) – Glossary id

Request JSON Object

- **name** (*string*) – Nombre del idioma

- **color** (*string*) – Dirección del idioma
- **source_language** (*object*) – Language plural details

DELETE /api/glossary/(int: *id*)/
Deletes the Glossary.

Parámetros

- **id** (*int*) – Glossary id

GET /api/glossary/(int: *id*)/projects/
Returns projects linked with a glossary.

Parámetros

- **id** (*int*) – Glossary id

Response JSON Object

- **projects** (*array*) – associated projects; see *GET /api/projects/(string:project)/*

POST /api/glossary/(int: *id*)/projects/
Associate project with a glossary.

Parámetros

- **id** (*int*) – Glossary id

Form Parameters

- **string project_slug** – «Slug» del proyecto

DELETE /api/glossary/(int: *id*)/projects/
Remove association of a project with a glossary.

Parámetros

- **id** (*int*) – Glossary id

Form Parameters

- **string project_slug** – «Slug» del proyecto

GET /api/glossary/(int: *id*)/terms/
List terms of a glossary.

Parámetros

- **id** (*int*) – Glossary id

POST /api/glossary/(int: *id*)/terms/
Associate terms with a glossary.

Parámetros

- **id** (*int*) – Glossary id

Request JSON Object

- **language** (*object*) – Language of the term
- **source** (*string*) – Source string for the term
- **target** (*string*) – Target string for the term

GET /api/glossary/(int: *id*)/terms/
int: *term_id*/ Get a term associated with a glossary.

Parámetros

- **id** (*int*) – Glossary id
- **term_id** (*int*) – ID of term

PUT /api/glossary/(int: *id*)/terms/
int: *term_id*/ Edit a term associated with a glossary.

Parámetros

- **id** (*int*) – Glossary id
- **term_id** (*int*) – ID of term

Request JSON Object

- **language** (*object*) – Language of the term
- **source** (*string*) – Source string for the term
- **target** (*string*) – Target string for the term

PATCH /api/glossary/(int: *id*)/terms/
int: *term_id*/ Edit a term associated with a glossary.

Parámetros

- **id** (*int*) – Glossary id
- **term_id** (*int*) – ID of term

Request JSON Object

- **language** (*object*) – Language of the term
- **source** (*string*) – Source string for the term
- **target** (*string*) – Target string for the term

DELETE /api/glossary/(int: *id*)/terms/
int: *term_id*/ Delete a term associated with a glossary.

Parámetros

- **id** (*int*) – Glossary id
- **term_id** (*int*) – ID of term

1.12.15 Actuadores de notificaciones

Notification hooks allow external applications to notify Weblate that the VCS repository has been updated.

You can use repository endpoints for projects, components and translations to update individual repositories; see *POST /api/projects/(string:project)/repository/* for documentation.

GET /hooks/update/(string: *project*)/
string: *component*/ Obsoleto desde la versión 2.6: Please use *POST /api/components/(string:project)/(string:component)/repository/* instead which works properly with authentication for ACL limited projects.

Triggers update of a component (pulling from VCS and scanning for translation changes).

GET /hooks/update/(string: *project*)/
Obsoleto desde la versión 2.6: Please use *POST /api/projects/(string:project)/repository/* instead which works properly with authentication for ACL limited projects.

Triggers update of all components in a project (pulling from VCS and scanning for translation changes).

POST /hooks/github/
Special hook for handling GitHub notifications and automatically updating matching components.

Nota: GitHub includes direct support for notifying Weblate: enable Weblate service hook in repository settings and set the URL to the URL of your Weblate installation.

Ver también:

Recibir cambios automáticamente de GitHub For instruction on setting up GitHub integration

https://docs.github.com/en/github/extending-github/about-webhooks Generic information about GitHub Webhooks

ENABLE_HOOKS Para activar actuadores en todo Weblate

POST /hooks/gitlab/

Special hook for handling GitLab notifications and automatically updating matching components.

Ver también:

Automatically receiving changes from GitLab For instruction on setting up GitLab integration

https://docs.gitlab.com/ce/user/project/integrations/webhooks.html Generic information about GitLab Webhooks

ENABLE_HOOKS Para activar actuadores en todo Weblate

POST /hooks/bitbucket/

Special hook for handling Bitbucket notifications and automatically updating matching components.

Ver también:

Recibir cambios automáticamente de Bitbucket For instruction on setting up Bitbucket integration

https://confluence.atlassian.com/bitbucket/manage-webhooks-735643732.html Generic information about Bitbucket Webhooks

ENABLE_HOOKS Para activar actuadores en todo Weblate

POST /hooks/pagure/

Nuevo en la versión 3.3.

Special hook for handling Pagure notifications and automatically updating matching components.

Ver también:

Recibir cambios automáticamente de Pagure For instruction on setting up Pagure integration

https://docs.pagure.org/pagure/usage/using_webhooks.html Generic information about Pagure Webhooks

ENABLE_HOOKS Para activar actuadores en todo Weblate

POST /hooks/azure/

Nuevo en la versión 3.8.

Special hook for handling Azure Repos notifications and automatically updating matching components.

Ver también:

Recibir cambios automáticamente de Azure Repos For instruction on setting up Azure integration

https://docs.microsoft.com/en-us/azure/devops/service-hooks/services/webhooks Generic information about Azure Repos Web Hooks

ENABLE_HOOKS Para activar actuadores en todo Weblate

POST /hooks/gitea/

Nuevo en la versión 3.9.

Special hook for handling Gitea Webhook notifications and automatically updating matching components.

Ver también:

Recibir cambios automáticamente de Gitea For instruction on setting up Gitea integration

https://docs.gitea.io/en-us/webhooks/ Generic information about Gitea Webhooks

ENABLE_HOOKS Para activar actuadores en todo Weblate

POST /hooks/gitee/

Nuevo en la versión 3.9.

Special hook for handling Gitee Webhook notifications and automatically updating matching components.

Ver también:

Recibir cambios automáticamente de Gitee For instruction on setting up Gitee integration

https://gitee.com/help/categories/40 Generic information about Gitee Webhooks

ENABLE_HOOKS Para activar actuadores en todo Weblate

1.12.16 Exportaciones

Weblate brinda diversas exportaciones para permitirle un tratamiento posterior de sus datos.

GET /exports/stats/(string: *project*)/(string: *component*)/

Query Parameters

- **format** (*string*) – Formato de salida: `json` o `csv`

Obsoleto desde la versión 2.6: Please use *GET /api/components/(string:project)/(string:component)/statistics/* and *GET /api/translations/(string:project)/(string:component)/(string:language)/statistics/* instead; it allows access to ACL controlled projects as well.

Recupera las estadísticas del componente indicado en el formato que se indique.

Ejemplo de solicitud:

```
GET /exports/stats/weblate/master/ HTTP/1.1
Host: example.com
Accept: application/json, text/javascript
```

Ejemplo de respuesta:

```
HTTP/1.1 200 OK
Vary: Accept
Content-Type: application/json

[
    {
        "code": "cs",
        "failing": 0,
        "failing_percent": 0.0,
        "fuzzy": 0,
        "fuzzy_percent": 0.0,
        "last_author": "Michal Čihař",
        "last_change": "2012-03-28T15:07:38+00:00",
        "name": "Czech",
        "total": 436,
        "total_words": 15271,
        "translated": 436,
        "translated_percent": 100.0,
        "translated_words": 3201,
        "url": "http://hosted.weblate.org/engage/weblate/cs/",
```

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```
        "url_translate": "http://hosted.weblate.org/projects/weblate/master/cs/
↪"
    },
    {
        "code": "nl",
        "failing": 21,
        "failing_percent": 4.8,
        "fuzzy": 11,
        "fuzzy_percent": 2.5,
        "last_author": null,
        "last_change": null,
        "name": "Dutch",
        "total": 436,
        "total_words": 15271,
        "translated": 319,
        "translated_percent": 73.2,
        "translated_words": 3201,
        "url": "http://hosted.weblate.org/engage/weblate/nl/",
        "url_translate": "http://hosted.weblate.org/projects/weblate/master/nl/
↪"
    },
    {
        "code": "el",
        "failing": 11,
        "failing_percent": 2.5,
        "fuzzy": 21,
        "fuzzy_percent": 4.8,
        "last_author": null,
        "last_change": null,
        "name": "Greek",
        "total": 436,
        "total_words": 15271,
        "translated": 312,
        "translated_percent": 71.6,
        "translated_words": 3201,
        "url": "http://hosted.weblate.org/engage/weblate/el/",
        "url_translate": "http://hosted.weblate.org/projects/weblate/master/el/
↪"
    }
]
```


1.12.17 Sindicación RSS

Las modificaciones a las traducciones se exportan en suministros RSS.

GET /exports/rss/(string: *project*)/
string: *component*/string: *language*/ Recupera el suministro RSS de los cambios recientes de una traducción.

GET /exports/rss/(string: *project*)/
string: *component*/ Recupera el suministro RSS de los cambios recientes de un componente.

GET /exports/rss/(string: *project*)/
Recupera el suministro RSS de los cambios recientes de un proyecto.

GET /exports/rss/language/(string: *language*)/
Recupera el suministro RSS de los cambios recientes de un idioma.

GET /exports/rss/
Recupera el suministro RSS de los cambios recientes de la instalación de Weblate.

Ver también:

RSS on wikipedia

1.13 Cliente de Weblate

Nuevo en la versión 2.7: There has been full wlc utility support ever since Weblate 2.7. If you are using an older version some incompatibilities with the API might occur.

1.13.1 Instalación

The Weblate Client is shipped separately and includes the Python module. To use the commands below, you need to install `wlc`:

```
pip3 install wlc
```

1.13.2 Uso de Docker

El cliente de Weblate está disponible también como imagen para Docker.

The image is published on Docker Hub: https://hub.docker.com/r/weblate/wlc

Instalación:

```
docker pull weblate/wlc
```

The Docker container uses Weblate's default settings and connects to the API deployed in localhost. The API URL and API_KEY can be configured through the arguments accepted by Weblate.

The command to launch the container uses the following syntax:

```
docker run --rm weblate/wlc [WLC_ARGS]
```

Ejemplo:

```
docker run --rm weblate/wlc --url https://hosted.weblate.org/api/ list-projects
```

1.13.3 Primeros pasos

The wlc configuration is stored in `~/.config/weblate` (see *Archivos de configuración* for other locations), please create it to match your environment:

```
[weblate]
url = https://hosted.weblate.org/api/

[keys]
https://hosted.weblate.org/api/ = APIKEY
```

You can then invoke commands on the default server:

```
wlc ls
wlc commit sandbox/hello-world
```

Ver también:

Archivos de configuración

1.13.4 Synopsis

```
wlc [arguments] <command> [options]
```

Las órdenes indican cuál operación ha de realizarse.

1.13.5 Descripción

Weblate Client is a Python library and command-line utility to manage Weblate remotely using API. The command-line utility can be invoked as **wlc** and is built-in on `wlc`.

Argumentos

The program accepts the following arguments which define output format or which Weblate instance to use. These must be entered before any command.

--format `{csv,json,text,html}`
Especifique el formato de la salida.

--url `URL`
Specify the API URL. Overrides any value found in the configuration file, see *Archivos de configuración*. The URL should end with `/api/`, for example `https://hosted.weblate.org/api/`.

--key `KEY`
Specify the API user key to use. Overrides any value found in the configuration file, see *Archivos de configuración*. You can find your key in your profile on Weblate.

--config `PATH`
Overrides the configuration file path, see *Archivos de configuración*.

--config-section `SECTION`
Overrides configuration file section in use, see *Archivos de configuración*.

Órdenes

Las siguientes órdenes están disponibles:

version
Muestra la versión actual.

list-languages
Enumera los idiomas utilizados en Weblate.

list-projects
Enumera los proyectos en Weblate.

list-components
Enumera los componentes en Weblate.

list-translations
Enumera las traducciones en Weblate.

show
Muestra un objeto de Weblate (traducción, componente o proyecto).

ls
Enumera objetos de Weblate (traducción, componente o proyecto).

commit
Consigna los cambios efectuados en un objeto de Weblate (traducción, componente o proyecto).

pull
Incorpora los cambios en el repositorio remoto en un objeto de Weblate (traducción, componente o proyecto).

push
Envía los cambios en el objeto de Weblate (traducción, componente o proyecto) al repositorio remoto.

reset
Nuevo en la versión 0.7: Admitido desde wlc 0.7.

Restablece los cambios en un objeto de Weblate (traducción, componente o proyecto) para que coincida con el repositorio remoto.

cleanup
Nuevo en la versión 0.9: Admitido desde wlc 0.9.

Removes any untracked changes in a Weblate object to match the remote repository (translation, component or project).

repo
Displays repository status for a given Weblate object (translation, component or project).

statistics
Displays detailed statistics for a given Weblate object (translation, component or project).

lock-status
Nuevo en la versión 0.5: Admitido desde wlc 0.5.

Muestra el estado de bloqueo.

lock
Nuevo en la versión 0.5: Admitido desde wlc 0.5.

Bloquea el componente para evitar más traducciones en Weblate.

unlock
Nuevo en la versión 0.5: Admitido desde wlc 0.5.

Desbloquea la traducción del componente de Weblate.

changes
Nuevo en la versión 0.7: Admitido desde wlc 0.7 y Weblate 2.10.

Muestra los cambios correspondientes al objeto indicado.

download
Nuevo en la versión 0.7: Admitido desde wlc 0.7.

Descarga un archivo de traducción.

--convert
Convierte el formato de archivo. Si no se especifica ningún formato, no se produce ninguna conversión en el servidor y el archivo se descarga tal cual es en el repositorio.

--output
Permite especificar el archivo en el que se guardará la salida; si no se define, se mostrará en la salida estándar.

upload
Nuevo en la versión 0.9: Admitido desde wlc 0.9.

Carga un archivo de traducción.

--overwrite
Sobrescribir traducciones existentes al cargar.

--input
Archivo del cual se lee contenido; si no se define, se lee de la entrada estándar.

Consejo: Puede obtener más información al invocar cada orden si añade `--help`; por ejemplo: `wlc ls --help`.

1.13.6 Archivos de configuración

`.weblate`, `.weblate.ini`, `weblate.ini` Distinto en la versión 1.6: También se aceptan los archivos con la extensión *.ini*.

Archivo de configuración por proyecto

`C:\Users\NOMBRE\AppData\weblate.ini` Nuevo en la versión 1.6.

Archivo de configuración de usuario en Windows.

`~/.config/weblate` Archivo de configuración de usuario

`/etc/xdg/weblate` Archivo de configuración para todo el sistema

El programa sigue la especificación XDG, de modo que puede ajustar la colocación de los archivos de configuración mediante las variables de entorno `XDG_CONFIG_HOME` o `XDG_CONFIG_DIRS`. En Windows, se prefiere el directorio `APPDATA` para ubicar el archivo de configuración.

Following settings can be configured in the `[weblate]` section (you can customize this by *`--config-section`*):

`key`
Clave de API para obtener acceso a Weblate.

`url`
URL del servidor de la API; el valor predeterminado es `http://127.0.0.1:8000/api/`.

`translation`
Path to the default translation - component or project.

El archivo de configuración es un INI; por ejemplo:

```
[weblate]
url = https://hosted.weblate.org/api/
key = APIKEY
translation = weblate/master
```

Además, las claves de la API se pueden almacenar en la sección `[keys]`:

```
[keys]
https://hosted.weblate.org/api/ = APIKEY
```

This allows you to store keys in your personal settings, while using the `.weblate` configuration in the VCS repository so that wlc knows which server it should talk to.

1.13.7 Ejemplos

Mostrar la versión actual del programa:

```
$ wlc version
version: 0.1
```

Enumerar todos los proyectos:

```
$ wlc list-projects
name: Hello
slug: hello
url: http://example.com/api/projects/hello/
```

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```
web: https://weblate.org/
web_url: http://example.com/projects/hello/
```

También puede designar el proyecto en el que debe funcionar wlc:

```
$ cat .weblate
[weblate]
url = https://hosted.weblate.org/api/
translation = weblate/master

$ wlc show
branch: master
file_format: po
source_language: en
filemask: weblate/locale/*/LC_MESSAGES/django.po
git_export: https://hosted.weblate.org/git/weblate/master/
license: GPL-3.0+
license_url: https://spdx.org/licenses/GPL-3.0+
name: master
new_base: weblate/locale/django.pot
project: weblate
repo: git://github.com/WeblateOrg/weblate.git
slug: master
template:
url: https://hosted.weblate.org/api/components/weblate/master/
vcs: git
web_url: https://hosted.weblate.org/projects/weblate/master/
```

Con esta configuración es sencillo consignar los cambios pendientes del proyecto actual:

```
$ wlc commit
```

1.14 API de Python de Weblate

1.14.1 Instalación

The Python API is shipped separately, you need to install the *Cliente de Weblate*: (wlc) to have it.

```
pip install wlc
```

1.14.2 `wlc`

`WeblateException`

exception `wlc.`**`WeblateException`**

Base class for all exceptions.

Weblate

class wlc.**Weblate**(*key=''*, *url=None*, *config=None*)

Parámetros

- **key** (*str*) – User key
- **url** (*str*) – API server URL, if not specified default is used
- **config** (wlc.config.WeblateConfig) – Configuration object, overrides any other parameters.

Access class to the API, define API key and optionally API URL.

get(*path*)

Parámetros **path** (*str*) – Request path

Tipo del valor devuelto object

Performs a single API GET call.

post(*path*, ***kwargs*)

Parámetros **path** (*str*) – Request path

Tipo del valor devuelto object

Performs a single API GET call.

1.14.3 wlc.config

WeblateConfig

class wlc.config.**WeblateConfig**(*section='wlc'*)

Parámetros **section** (*str*) – Configuration section to use

Configuration file parser following XDG specification.

load(*path=None*)

Parámetros **path** (*str*) – Path from which to load configuration.

Loads configuration from a file, if none is specified, it loads from the *wlc* configuration file (`~/.config/wlc`) placed in your XDG configuration path (`/etc/xdg/wlc`).

1.14.4 wlc.main

wlc.main.**main**(*settings=None*, *stdout=None*, *args=None*)

Parámetros

- **settings** (*list*) – Settings to override as list of tuples
- **stdout** (*object*) – stdout file object for printing output, uses `sys.stdout` as default
- **args** (*list*) – Command-line arguments to process, uses `sys.args` as default

Main entry point for command-line interface.

@wlc.main.**register_command**(*command*)

Decorator to register *Command* class in main parser used by *main()*.

Command

class `wlc.main.`**`Command`**(*args*, *config*, *stdout=None*)

Clase principal para invocar órdenes.

CAPÍTULO 2

Documentación para administradores

2.1 Instrucciones de configuración

2.1.1 Instalar Weblate

Instalar con Docker

With dockerized Weblate deployment you can get your personal Weblate instance up and running in seconds. All of Weblate's dependencies are already included. PostgreSQL is set up as the default database.

Requisitos de *hardware*

Weblate should run on all contemporary hardware without problems, the following is the minimal configuration required to run Weblate on a single host (Weblate, database and webserver):

- 2 GB de RAM
- 2 núcleos de CPU
- 1 GB de espacio de almacenamiento

Cuanta más memoria tenga, mejor, ya que se utiliza para el prealmacenaje en todos los niveles (sistema de archivos, base de datos y Weblate).

Many concurrent users increases the amount of needed CPU cores. For hundreds of translation components at least 4 GB of RAM is recommended.

Nota: Actual requirements for your installation of Weblate vary heavily based on the size of the translations managed in it.

Instalación

The following examples assume you have a working Docker environment, with `docker-compose` installed. Please check the Docker documentation for instructions.

1. Clone el repositorio weblate-docker:

```
git clone https://github.com/WeblateOrg/docker-compose.git weblate-docker
cd weblate-docker
```

2. Create a `docker-compose.override.yml` file with your settings. See *Docker environment variables* for full list of environment variables.

```
version: '3'
services:
  weblate:
    ports:
      - 80:8080
    environment:
      WEBLATE_EMAIL_HOST: smtp.example.com
      WEBLATE_EMAIL_HOST_USER: user
      WEBLATE_EMAIL_HOST_PASSWORD: pass
      WEBLATE_SERVER_EMAIL: weblate@example.com
      WEBLATE_DEFAULT_FROM_EMAIL: weblate@example.com
      WEBLATE_SITE_DOMAIN: weblate.example.com
      WEBLATE_ADMIN_PASSWORD: password for the admin user
      WEBLATE_ADMIN_EMAIL: weblate.admin@example.com
```

Nota: If *`WEBLATE_ADMIN_PASSWORD`* is not set, the admin user is created with a random password shown on first startup.

The provided example makes Weblate listen on port 80, edit the port mapping in the `docker-compose.override.yml` file to change it.

3. Inicie los contenedores de Weblate:

```
docker-compose up
```

Enjoy your Weblate deployment, it's accessible on port 80 of the `weblate` container.

Distinto en la versión 2.15-2: The setup has changed recently, priorly there was separate web server container, since 2.15-2 the web server is embedded in the Weblate container.

Distinto en la versión 3.7.1-6: In July 2019 (starting with the 3.7.1-6 tag), the containers are not running as a root user. This has changed the exposed port from 80 to 8080.

Ver también:

Invocar órdenes de gestión

Contenedor Docker con compatibilidad con HTTPS

Please see *Instalación* for generic deployment instructions, this section only mentions differences compared to it.

Utilizar certificados SSL propios

Nuevo en la versión 3.8-3.

In case you have own SSL certificate you want to use, simply place the files into the Weblate data volume (see *Volúmenes de contenedores Docker*):

- `ssl/fullchain.pem`, que contiene el certificado SSL y cualquier certificado CA que se necesite
- `ssl/privkey.pem`, que contiene la clave privada

Both of these files must be owned by the same user as the one starting the docker container and have file mask set to `600` (readable and writable only by the owning user).

Additionally, Weblate container will now accept SSL connections on port 4443, you will want to include the port forwarding for HTTPS in docker compose override:

```
version: '3'
services:
  weblate:
    ports:
      - 80:8080
      - 443:4443
```

If you already host other sites on the same server, it is likely ports `80` and `443` are used by a reverse proxy, such as NGINX. To pass the HTTPS connection from NGINX to the docker container, you can use the following configuration:

```
server {
    listen 443;
    listen [::]:443;

    server_name <SITE_URL>;
    ssl_certificate /etc/letsencrypt/live/<SITE>/fullchain.pem;
    ssl_certificate_key /etc/letsencrypt/live/<SITE>/privkey.pem;

    location / {
            proxy_set_header HOST $host;
            proxy_set_header X-Forwarded-Proto https;
            proxy_set_header X-Real-IP $remote_addr;
            proxy_set_header X-Forwarded-For $proxy_add_x_forwarded_for;
            proxy_set_header X-Forwarded-Host $server_name;
            proxy_pass https://127.0.0.1:<EXPOSED_DOCKER_PORT>;
    }
}
```

Replace `<SITE_URL>`, `<SITE>` and `<EXPOSED_DOCKER_PORT>` with actual values from your environment.

Certificados SSL automáticos con Let's Encrypt

In case you want to use Let's Encrypt automatically generated SSL certificates on public installation, you need to add a reverse HTTPS proxy an additional Docker container, https-portal will be used for that. This is made use of in the `docker-compose-https.yml` file. Then create a `docker-compose-https.override.yml` file with your settings:

```
version: '3'
services:
  weblate:
    environment:
      WEBLATE_EMAIL_HOST: smtp.example.com
      WEBLATE_EMAIL_HOST_USER: user
      WEBLATE_EMAIL_HOST_PASSWORD: pass
      WEBLATE_SITE_DOMAIN: weblate.example.com
      WEBLATE_ADMIN_PASSWORD: password for admin user
  https-portal:
    environment:
      DOMAINS: 'weblate.example.com -> http://weblate:8080'
```

Whenever invoking **`docker-compose`** you need to pass both files to it, and then do:

```
docker-compose -f docker-compose-https.yml -f docker-compose-https.override.yml␣
↪build
docker-compose -f docker-compose-https.yml -f docker-compose-https.override.yml up
```

Actualizar el contenedor de Docker

Usually it is good idea to only update the Weblate container and keep the PostgreSQL container at the version you have, as upgrading PostgreSQL is quite painful and in most cases does not bring many benefits.

You can do this by sticking with the existing docker-compose and just pull the latest images and then restart:

```
docker-compose stop
docker-compose pull
docker-compose up
```

The Weblate database should be automatically migrated on first startup, and there should be no need for additional manual actions.

Nota: Upgrades across 3.0 are not supported by Weblate. If you are on 2.x series and want to upgrade to 3.x, first upgrade to the latest 3.0.1-x (at time of writing this it is the `3.0.1-7`) image, which will do the migration and then continue upgrading to newer versions.

You might also want to update the `docker-compose` repository, though it's not needed in most case. Please beware of PostgreSQL version changes in this case as it's not straightforward to upgrade the database, see GitHub issue for more info.

Admin login

After container setup, you can sign in as *admin* user with password provided in `WEBLATE_ADMIN_PASSWORD`, or a random password generated on first start if that was not set.

To reset *admin* password, restart the container with `WEBLATE_ADMIN_PASSWORD` set to new password.

Ver también:

`WEBLATE_ADMIN_PASSWORD`, `WEBLATE_ADMIN_NAME`, `WEBLATE_ADMIN_EMAIL`

Docker environment variables

Many of Weblate's *Configuración* can be set in the Docker container using environment variables:

Generic settings

WEBLATE_DEBUG

Configures Django debug mode using `DEBUG`.

Example:

```
environment:
  WEBLATE_DEBUG: 1
```

Ver también:

Desactivar el modo de depuración.

WEBLATE_LOGLEVEL

Configures the logging verbosity.

WEBLATE_SITE_TITLE

Changes the site-title shown in the header of all pages.

WEBLATE_SITE_DOMAIN

Configura el dominio del sitio.

Consejo: Si no se define, se utiliza el primer elemento de `WEBLATE_ALLOWED_HOSTS`.

Ver también:

Set correct site domain, `SITE_DOMAIN`

WEBLATE_ADMIN_NAME

WEBLATE_ADMIN_EMAIL

Configures the site-admin's name and e-mail. It is used for both `ADMINS` setting and creating *admin* user (see `WEBLATE_ADMIN_PASSWORD` for more info on that).

Example:

```
environment:
  WEBLATE_ADMIN_NAME: Weblate admin
  WEBLATE_ADMIN_EMAIL: noreply@example.com
```

Ver también:

Admin login, *Properly configure admins*, `ADMINS`

WEBLATE_ADMIN_PASSWORD

Sets the password for the *admin* user.

- If not set and *admin* user does not exist, it is created with a random password shown on first container startup.
- If not set and *admin* user exists, no action is performed.
- If set the *admin* user is adjusted on every container startup to match `WEBLATE_ADMIN_PASSWORD`, `WEBLATE_ADMIN_NAME` and `WEBLATE_ADMIN_EMAIL`.

> **Advertencia:** It might be a security risk to store password in the configuration file. Consider using this variable only for initial setup (or let Weblate generate random password on initial startup) or for password recovery.

Ver también:

Admin login, `WEBLATE_ADMIN_PASSWORD`, `WEBLATE_ADMIN_NAME`, `WEBLATE_ADMIN_EMAIL`

WEBLATE_SERVER_EMAIL

WEBLATE_DEFAULT_FROM_EMAIL

Configures the address for outgoing e-mails.

Ver también:

Configure e-mail sending

WEBLATE_ALLOWED_HOSTS

Configures allowed HTTP hostnames using `ALLOWED_HOSTS`.

El valor predeterminado es `*`, que permite todos los nombres de anfitrión.

Example:

```
environment:
  WEBLATE_ALLOWED_HOSTS: weblate.example.com,example.com
```

Ver también:

`ALLOWED_HOSTS`, *Allowed hosts setup*, *Set correct site domain*

WEBLATE_REGISTRATION_OPEN

Configures whether registrations are open by toggling `REGISTRATION_OPEN`.

Example:

```
environment:
  WEBLATE_REGISTRATION_OPEN: 0
```

WEBLATE_REGISTRATION_ALLOW_BACKENDS

Configure which authentication methods can be used to create new account via `REGISTRATION_ALLOW_BACKENDS`.

Example:

```
environment:
  WEBLATE_REGISTRATION_OPEN: 0
  WEBLATE_REGISTRATION_ALLOW_BACKENDS: azuread-oauth2,azuread-tenant-
↪oauth2
```

WEBLATE_TIME_ZONE

Configures the used time zone in Weblate, see `TIME_ZONE`.

> **Nota:** To change the time zone of the Docker container itself, use the `TZ` environment variable.

Example:

```
environment:
  WEBLATE_TIME_ZONE: Europe/Prague
```

WEBLATE_ENABLE_HTTPS

Makes Weblate assume it is operated behind a reverse HTTPS proxy, it makes Weblate use HTTPS in e-mail and API links or set secure flags on cookies.

Nota: This does not make the Weblate container accept HTTPS connections, you need to configure that as well, see *Contenedor Docker con compatibilidad con HTTPS* for examples.

Example:

```
environment:
  WEBLATE_ENABLE_HTTPS: 1
```

Ver también:

Set correct site domain

WEBLATE_IP_PROXY_HEADER

Lets Weblate fetch the IP address from any given HTTP header. Use this when using a reverse proxy in front of the Weblate container.

Enables `IP_BEHIND_REVERSE_PROXY` and sets `IP_PROXY_HEADER`.

Nota: The format must conform to Django's expectations. Django transforms raw HTTP header names as follows:

- converts all characters to uppercase
- replaces any hyphens with underscores
- prepends `HTTP_` prefix

So `X-Forwarded-For` would be mapped to `HTTP_X_FORWARDED_FOR`.

Example:

```
environment:
  WEBLATE_IP_PROXY_HEADER: HTTP_X_FORWARDED_FOR
```

WEBLATE_SECURE_PROXY_SSL_HEADER

A tuple representing a HTTP header/value combination that signifies a request is secure. This is needed when Weblate is running behind a reverse proxy doing SSL termination which does not pass standard HTTPS headers.

Example:

```
environment:
  WEBLATE_SECURE_PROXY_SSL_HEADER: HTTP_X_FORWARDED_PROTO,https
```

Ver también:

`SECURE_PROXY_SSL_HEADER`

WEBLATE_REQUIRE_LOGIN

Configures login required for the whole of the Weblate installation using `LOGIN_REQUIRED_URLS`.

Example:

```
environment:
  WEBLATE_REQUIRE_LOGIN: 1
```

WEBLATE_LOGIN_REQUIRED_URLS_EXCEPTIONS

WEBLATE_ADD_LOGIN_REQUIRED_URLS_EXCEPTIONS

WEBLATE_REMOVE_LOGIN_REQUIRED_URLS_EXCEPTIONS

Adds URL exceptions for login required for the whole Weblate installation using *LOGIN_REQUIRED_URLS_EXCEPTIONS*.

You can either replace whole settings, or modify default value using `ADD` and `REMOVE` variables.

WEBLATE_GOOGLE_ANALYTICS_ID

Configures ID for Google Analytics by changing *GOOGLE_ANALYTICS_ID*.

WEBLATE_GITHUB_USERNAME

Configures GitHub username for GitHub pull-requests by changing *GITHUB_USERNAME*.

Ver también:

GitHub

WEBLATE_GITHUB_TOKEN

Nuevo en la versión 4.3.

Configures GitHub personal access token for GitHub pull-requests via API by changing *GITHUB_TOKEN*.

Ver también:

GitHub

WEBLATE_GITLAB_USERNAME

Configures GitLab username for GitLab merge-requests by changing *GITLAB_USERNAME*

Ver también:

GitLab

WEBLATE_GITLAB_TOKEN

Configures GitLab personal access token for GitLab merge-requests via API by changing *GITLAB_TOKEN*

Ver también:

GitLab

WEBLATE_PAGURE_USERNAME

Configures Pagure username for Pagure merge-requests by changing *PAGURE_USERNAME*

Ver también:

Pagure

WEBLATE_PAGURE_TOKEN

Configures Pagure personal access token for Pagure merge-requests via API by changing *PAGURE_TOKEN*

Ver también:

Pagure

WEBLATE_SIMPLIFY_LANGUAGES

Configures the language simplification policy, see *SIMPLIFY_LANGUAGES*.

WEBLATE_DEFAULT_ACCESS_CONTROL

Configures the default *Control de acceso* for new projects, see *DEFAULT_ACCESS_CONTROL*.

WEBLATE_DEFAULT_RESTRICTED_COMPONENT

Configures the default value for *Acceso restringido* for new components, see *DEFAULT_RESTRICTED_COMPONENT*.

WEBLATE_DEFAULT_TRANSLATION_PROPAGATION

Configures the default value for *Permitir propagación de traducciones* for new components, see *DEFAULT_TRANSLATION_PROPAGATION*.

WEBLATE_DEFAULT_COMMITER_EMAIL

Configura *DEFAULT_COMMITER_EMAIL*.

WEBLATE_DEFAULT_COMMITER_NAME
Configura *DEFAULT_COMMITER_NAME*.

WEBLATE_AKISMET_API_KEY
Configura la clave de API de Akismet; vea *AKISMET_API_KEY*.

WEBLATE_GPG_IDENTITY
Configura la firma con GPG de las consignas; vea *WEBLATE_GPG_IDENTITY*.

Ver también:

Signing Git commits with GnuPG

WEBLATE_URL_PREFIX
Configures URL prefix where Weblate is running, see *URL_PREFIX*.

WEBLATE_SILENCED_SYSTEM_CHECKS
Configures checks which you do not want to be displayed, see `SILENCED_SYSTEM_CHECKS`.

WEBLATE_CSP_SCRIPT_SRC

WEBLATE_CSP_IMG_SRC

WEBLATE_CSP_CONNECT_SRC

WEBLATE_CSP_STYLE_SRC

WEBLATE_CSP_FONT_SRC
Allows to customize `Content-Security-Policy` HTTP header.

Ver también:

Content security policy, *CSP_SCRIPT_SRC*, *CSP_IMG_SRC*, *CSP_CONNECT_SRC*, *CSP_STYLE_SRC*, *CSP_FONT_SRC*

WEBLATE_LICENSE_FILTER
Configures *LICENSE_FILTER*.

WEBLATE_HIDE_VERSION
Configures *HIDE_VERSION*.

Configuración de traducción automática

WEBLATE_MT_APERTIUM_APY
Enables *Apertium* machine translation and sets *MT_APERTIUM_APY*

WEBLATE_MT_AWS_REGION

WEBLATE_MT_AWS_ACCESS_KEY_ID

WEBLATE_MT_AWS_SECRET_ACCESS_KEY
Configura la traducción automática de *AWS*.

```
environment:
  WEBLATE_MT_AWS_REGION: us-east-1
  WEBLATE_MT_AWS_ACCESS_KEY_ID: AKIAIOSFODNN7EXAMPLE
  WEBLATE_MT_AWS_SECRET_ACCESS_KEY: wJalrXUtnFEMI/K7MDENG/bPxRfiCYEXAMPLEKEY
```

WEBLATE_MT_DEEPL_KEY
Activa la traducción automática de *DeepL* y establece *MT_DEEPL_KEY*

WEBLATE_MT_DEEPL_API_VERSION
Configura la versión de la API de *DeepL* que debe utilizarse; vea *MT_DEEPL_API_VERSION*.

WEBLATE_MT_GOOGLE_KEY
Activa *Google Translate* y establece *MT_GOOGLE_KEY*

WEBLATE_MT_MICROSOFT_COGNITIVE_KEY
Activa *Microsoft Cognitive Services Translator* y establece `MT_MICROSOFT_COGNITIVE_KEY`

WEBLATE_MT_MICROSOFT_ENDPOINT_URL
Establece `MT_MICROSOFT_ENDPOINT_URL`; observe que debe contener solo el nombre de dominio.

WEBLATE_MT_MICROSOFT_REGION
Establece `MT_MICROSOFT_REGION`

WEBLATE_MT_MICROSOFT_BASE_URL
Establece `MT_MICROSOFT_BASE_URL`

WEBLATE_MT_MODERNMT_KEY
Activa *ModernMT* y establece `MT_MODERNMT_KEY`.

WEBLATE_MT_MYMEMORY_ENABLED

Activa la traducción automática de *MyMemory* y establece `MT_MYMEMORY_EMAIL` a `WEBLATE_ADMIN_EMAIL`.

Example:

```
environment:
  WEBLATE_MT_MYMEMORY_ENABLED: 1
```

WEBLATE_MT_GLOSBE_ENABLED
Activa la traducción automática de *Glosbe*.

```
environment:
  WEBLATE_MT_GLOSBE_ENABLED: 1
```

WEBLATE_MT_MICROSOFT_TERMINOLOGY_ENABLED
Activa la traducción automática de *Servicio terminológico de Microsoft*.

```
environment:
  WEBLATE_MT_MICROSOFT_TERMINOLOGY_ENABLED: 1
```

WEBLATE_MT_SAP_BASE_URL

WEBLATE_MT_SAP_SANDBOX_APIKEY

WEBLATE_MT_SAP_USERNAME

WEBLATE_MT_SAP_PASSWORD

WEBLATE_MT_SAP_USE_MT
Configura la traducción automática de *SAP Translation Hub*.

```
environment:
    WEBLATE_MT_SAP_BASE_URL: "https://example.hana.ondemand.com/translationhub/
↪api/v1/"
    WEBLATE_MT_SAP_USERNAME: "user"
    WEBLATE_MT_SAP_PASSWORD: "password"
    WEBLATE_MT_SAP_USE_MT: 1
```

Configuración de autenticación

LDAP

WEBLATE_AUTH_LDAP_SERVER_URI

WEBLATE_AUTH_LDAP_USER_DN_TEMPLATE

WEBLATE_AUTH_LDAP_USER_ATTR_MAP

WEBLATE_AUTH_LDAP_BIND_DN

WEBLATE_AUTH_LDAP_BIND_PASSWORD

WEBLATE_AUTH_LDAP_CONNECTION_OPTION_REFERRALS

WEBLATE_AUTH_LDAP_USER_SEARCH

WEBLATE_AUTH_LDAP_USER_SEARCH_FILTER

WEBLATE_AUTH_LDAP_USER_SEARCH_UNION

WEBLATE_AUTH_LDAP_USER_SEARCH_UNION_DELIMITER

Configuración de la autenticación con LDAP.

Example for direct bind:

```
environment:
  WEBLATE_AUTH_LDAP_SERVER_URI: ldap://ldap.example.org
  WEBLATE_AUTH_LDAP_USER_DN_TEMPLATE: uid=%(user)s,ou=People,dc=example,dc=net
  # map weblate 'full_name' to ldap 'name' and weblate 'email' attribute to
↪'mail' ldap attribute.
  # another example that can be used with OpenLDAP: 'full_name:cn,email:mail'
  WEBLATE_AUTH_LDAP_USER_ATTR_MAP: full_name:name,email:mail
```

Example for search and bind:

```
environment:
  WEBLATE_AUTH_LDAP_SERVER_URI: ldap://ldap.example.org
  WEBLATE_AUTH_LDAP_BIND_DN: CN=ldap,CN=Users,DC=example,DC=com
  WEBLATE_AUTH_LDAP_BIND_PASSWORD: password
  WEBLATE_AUTH_LDAP_USER_ATTR_MAP: full_name:name,email:mail
  WEBLATE_AUTH_LDAP_USER_SEARCH: CN=Users,DC=example,DC=com
```

Example for union search and bind:

```
environment:
  WEBLATE_AUTH_LDAP_SERVER_URI: ldap://ldap.example.org
  WEBLATE_AUTH_LDAP_BIND_DN: CN=ldap,CN=Users,DC=example,DC=com
  WEBLATE_AUTH_LDAP_BIND_PASSWORD: password
  WEBLATE_AUTH_LDAP_USER_ATTR_MAP: full_name:name,email:mail
  WEBLATE_AUTH_LDAP_USER_SEARCH_UNION: ou=users,dc=example,
↪dc=com|ou=otherusers,dc=example,dc=com
```

Example with search and bind against Active Directory:

```
environment:
  WEBLATE_AUTH_LDAP_BIND_DN: CN=ldap,CN=Users,DC=example,DC=com
  WEBLATE_AUTH_LDAP_BIND_PASSWORD: password
  WEBLATE_AUTH_LDAP_SERVER_URI: ldap://ldap.example.org
  WEBLATE_AUTH_LDAP_CONNECTION_OPTION_REFERRALS: 0
  WEBLATE_AUTH_LDAP_USER_ATTR_MAP: full_name:name,email:mail
  WEBLATE_AUTH_LDAP_USER_SEARCH: CN=Users,DC=example,DC=com
  WEBLATE_AUTH_LDAP_USER_SEARCH_FILTER: (sAMAccountName=%(user)s)
```

Ver también:

LDAP authentication

GitHub

WEBLATE_SOCIAL_AUTH_GITHUB_KEY

WEBLATE_SOCIAL_AUTH_GITHUB_SECRET
Activa la *Autenticación por GitHub*.

Bitbucket

WEBLATE_SOCIAL_AUTH_BITBUCKET_KEY

WEBLATE_SOCIAL_AUTH_BITBUCKET_SECRET
Activa la *Autenticación por Bitbucket*.

Facebook

WEBLATE_SOCIAL_AUTH_FACEBOOK_KEY

WEBLATE_SOCIAL_AUTH_FACEBOOK_SECRET
Activa la *OAuth 2 de Facebook*.

Google

WEBLATE_SOCIAL_AUTH_GOOGLE_OAUTH2_KEY

WEBLATE_SOCIAL_AUTH_GOOGLE_OAUTH2_SECRET

WEBLATE_SOCIAL_AUTH_GOOGLE_OAUTH2_WHITELISTED_DOMAINS

WEBLATE_SOCIAL_AUTH_GOOGLE_OAUTH2_WHITELISTED_EMAILS
Activa la *OAuth 2 de Google*.

GitLab

WEBLATE_SOCIAL_AUTH_GITLAB_KEY

WEBLATE_SOCIAL_AUTH_GITLAB_SECRET

WEBLATE_SOCIAL_AUTH_GITLAB_API_URL
Activa la *OAuth 2 de GitLab*.

Active Directory de Azure

WEBLATE_SOCIAL_AUTH_AZUREAD_OAUTH2_KEY

WEBLATE_SOCIAL_AUTH_AZUREAD_OAUTH2_SECRET
Enables Azure Active Directory authentication, see *Active Directory de Microsoft Azure*.

Azure Active Directory with Tenant support

WEBLATE_SOCIAL_AUTH_AZUREAD_TENANT_OAUTH2_KEY

WEBLATE_SOCIAL_AUTH_AZUREAD_TENANT_OAUTH2_SECRET

WEBLATE_SOCIAL_AUTH_AZUREAD_TENANT_OAUTH2_TENANT_ID
Enables Azure Active Directory authentication with Tenant support, see *Active Directory de Microsoft Azure*.

Keycloak

WEBLATE_SOCIAL_AUTH_KEYCLOAK_KEY

WEBLATE_SOCIAL_AUTH_KEYCLOAK_SECRET

WEBLATE_SOCIAL_AUTH_KEYCLOAK_PUBLIC_KEY

WEBLATE_SOCIAL_AUTH_KEYCLOAK_ALGORITHM

WEBLATE_SOCIAL_AUTH_KEYCLOAK_AUTHORIZATION_URL

WEBLATE_SOCIAL_AUTH_KEYCLOAK_ACCESS_TOKEN_URL
Enables Keycloak authentication, see documentation.

Proveedores de Linux

You can enable authentication using Linux vendors authentication services by setting following variables to any value.

WEBLATE_SOCIAL_AUTH_FEDORA

WEBLATE_SOCIAL_AUTH_OPENSUSE

WEBLATE_SOCIAL_AUTH_UBUNTU

Slack

WEBLATE_SOCIAL_AUTH_SLACK_KEY

SOCIAL_AUTH_SLACK_SECRET
Enables Slack authentication, see *Slack*.

SAML

Self-signed SAML keys are automatically generated on first container startup. In case you want to use own keys, place the certificate and private key in `/app/data/ssl/saml.crt` and `/app/data/ssl/saml.key`.

WEBLATE_SAML_IDP_ENTITY_ID

WEBLATE_SAML_IDP_URL

WEBLATE_SAML_IDP_X509CERT
SAML Identity Provider settings, see *Autenticación por SAML*.

Otras configuraciones de autenticación

WEBLATE_NO_EMAIL_AUTH
Desactiva la autenticación por correo electrónico al asignársele cualquier valor.

Puesta en marcha de la base de datos PostgreSQL

The database is created by `docker-compose.yml`, so these settings affect both Weblate and PostgreSQL containers.

Ver también:

Configuración de base de datos para Weblate

POSTGRES_PASSWORD
Contraseña de PostgreSQL.

POSTGRES_USER
Nombre de usuario de PostgreSQL.

POSTGRES_DATABASE
Nombre de base de datos de PostgreSQL.

POSTGRES_HOST
PostgreSQL server hostname or IP address. Defaults to `database`.

POSTGRES_PORT
PostgreSQL server port. Defaults to none (uses the default value).

POSTGRES_SSL_MODE
Configure how PostgreSQL handles SSL in connection to the server, for possible choices see SSL Mode Descriptions

POSTGRES_ALTER_ROLE
Configures name of role to alter during migrations, see *Configurar Weblate para que utilice PostgreSQL*.

Configuración de copia de respaldo de la base de datos

Ver también:

Datos volcados para las copias de respaldo

WEBLATE_DATABASE_BACKUP
Configures the daily database dump using `DATABASE_BACKUP`. Defaults to `plain`.

Caching server setup

Using Redis is strongly recommended by Weblate and you have to provide a Redis instance when running Weblate in Docker.

Ver también:

Enable caching

REDIS_HOST
The Redis server hostname or IP address. Defaults to `cache`.

REDIS_PORT
The Redis server port. Defaults to `6379`.

REDIS_DB
The Redis database number, defaults to `1`.

REDIS_PASSWORD
La contraseña del servidor Redis, no utilizada de manera predeterminada.

REDIS_TLS
Enables using SSL for Redis connection.

REDIS_VERIFY_SSL
Can be used to disable SSL certificate verification for Redis connection.

Puesta en funcionamiento del servidor de correo

Para que funcione el correo saliente, debe proporcionar un servidor de correo.

Ejemplo de configuración de TLS:

```
environment:
    WEBLATE_EMAIL_HOST: smtp.example.com
    WEBLATE_EMAIL_HOST_USER: user
    WEBLATE_EMAIL_HOST_PASSWORD: pass
```

Ejemplo de configuración de SSL:

```
environment:
    WEBLATE_EMAIL_HOST: smtp.example.com
    WEBLATE_EMAIL_PORT: 465
    WEBLATE_EMAIL_HOST_USER: user
    WEBLATE_EMAIL_HOST_PASSWORD: pass
    WEBLATE_EMAIL_USE_TLS: 0
    WEBLATE_EMAIL_USE_SSL: 1
```

Ver también:

Configurar el correo electrónico saliente

WEBLATE_EMAIL_HOST
Nombre de anfitrión o dirección IP del servidor de correo.

Ver también:

WEBLATE_EMAIL_PORT, *WEBLATE_EMAIL_USE_SSL*, *WEBLATE_EMAIL_USE_TLS*, EMAIL_HOST

WEBLATE_EMAIL_PORT
Mail server port, defaults to 25.

Ver también:

EMAIL_PORT

WEBLATE_EMAIL_HOST_USER
Usuario de autenticación del correo electrónico.

Ver también:

EMAIL_HOST_USER

WEBLATE_EMAIL_HOST_PASSWORD
Contraseña de autenticación del correo electrónico.

Ver también:

EMAIL_HOST_PASSWORD

WEBLATE_EMAIL_USE_SSL
Whether to use an implicit TLS (secure) connection when talking to the SMTP server. In most e-mail documentation, this type of TLS connection is referred to as SSL. It is generally used on port 465. If you are experiencing problems, see the explicit TLS setting *WEBLATE_EMAIL_USE_TLS*.

Ver también:

WEBLATE_EMAIL_PORT, *WEBLATE_EMAIL_USE_TLS*, EMAIL_USE_SSL

WEBLATE_EMAIL_USE_TLS
Whether to use a TLS (secure) connection when talking to the SMTP server. This is used for explicit TLS connections, generally on port 587 or 25. If you are experiencing connections that hang, see the implicit TLS setting *WEBLATE_EMAIL_USE_SSL*.

Ver también:

WEBLATE_EMAIL_PORT, *WEBLATE_EMAIL_USE_SSL*, EMAIL_USE_TLS

WEBLATE_EMAIL_BACKEND
Configures Django back-end to use for sending e-mails.

Ver también:

Configure e-mail sending, EMAIL_BACKEND

Error reporting

It is recommended to collect errors from the installation systematically, see *Collecting error reports*.

To enable support for Rollbar, set the following:

ROLLBAR_KEY
Your Rollbar post server access token.

ROLLBAR_ENVIRONMENT
Your Rollbar environment, defaults to `production`.

To enable support for Sentry, set following:

SENTRY_DSN
Your Sentry DSN.

SENTRY_ENVIRONMENT
Your Sentry Environment (optional).

CDN de regionalización

WEBLATE_LOCALIZE_CDN_URL

WEBLATE_LOCALIZE_CDN_PATH
Nuevo en la versión 4.2.1.

Configuración para *CDN de regionalización de JavaScript*.

The *WEBLATE_LOCALIZE_CDN_PATH* is path within the container. It should be stored on the persistent volume and not in the transient storage.

One of possibilities is storing that inside the Weblate data dir:

```
environment:
  WEBLATE_LOCALIZE_CDN_URL: https://cdn.example.com/
  WEBLATE_LOCALIZE_CDN_PATH: /app/data/l10n-cdn
```

Nota: You are responsible for setting up serving of the files generated by Weblate, it only does stores the files in configured location.

Ver también:

Traducir HTML y JavaScript mediante la CDN de Weblate, *LOCALIZE_CDN_URL*, *LOCALIZE_CDN_PATH*

Cambiar las aplicaciones, las comprobaciones, los complementos o las correcciones automáticas en funcionamiento

Nuevo en la versión 3.8-5.

Las variables que se enumeran a continuación permiten poner en funcionamiento o no las siguientes comprobaciones, complementos y correcciones automáticas:

WEBLATE_ADD_APPS

WEBLATE_REMOVE_APPS

WEBLATE_ADD_CHECK

WEBLATE_REMOVE_CHECK

WEBLATE_ADD_AUTOFIX

WEBLATE_REMOVE_AUTOFIX

WEBLATE_ADD_ADDONS

WEBLATE_REMOVE_ADDONS

Example:

```
environment:
  WEBLATE_REMOVE_AUTOFIX: weblate.trans.autofixes.whitespace.
↪SameBookendingWhitespace
  WEBLATE_ADD_ADDONS: customize.addons.MyAddon,customize.addons.OtherAddon
```

Ver también:

CHECK_LIST, *AUTOFIX_LIST*, *WEBLATE_ADDONS*, INSTALLED_APPS

Configuración de contenedor

CELERY_MAIN_OPTIONS

CELERY_NOTIFY_OPTIONS

CELERY_MEMORY_OPTIONS

CELERY_TRANSLATE_OPTIONS

CELERY_BACKUP_OPTIONS

CELERY_BEAT_OPTIONS

These variables allow you to adjust Celery worker options. It can be useful to adjust concurrency (`--concurrency 16`) or use different pool implementation (`--pool=gevent`).

By default, the number of concurrent workers matches the number of processors (except the backup worker, which is supposed to run only once).

Example:

```
environment:
  CELERY_MAIN_OPTIONS: --concurrency 16
```

Ver también:

Celery worker options, *Tareas en segundo plano con Celery*

UWSGI_WORKERS

Configure how many uWSGI workers should be executed.

It defaults to number of processors + 1.

Example:

```
environment:
  UWSGI_WORKERS: 32
```

In case you have lot of CPU cores and hit out of memory issues, try reducing number of workers:

```
environment:
  UWSGI_WORKERS: 4
  CELERY_MAIN_OPTIONS: --concurrency 2
  CELERY_NOTIFY_OPTIONS: --concurrency 1
  CELERY_TRANSLATE_OPTIONS: --concurrency 1
```

Volúmenes de contenedores Docker

There is single data volume exported by the Weblate container. The other service containers (PostgreSQL or Redis) have their data volumes as well, but those are not covered by this document.

The data volume is used to store Weblate persistent data such as cloned repositories or to customize Weblate installation.

The placement of the Docker volume on host system depends on your Docker configuration, but usually it is stored in `/var/lib/docker/volumes/weblate-docker_weblate-data/_data/`. In the container it is mounted as `/app/data`.

Ver también:

Docker volumes documentation

Further configuration customization

You can further customize Weblate installation in the data volume, see *Volúmenes de contenedores Docker*.

Archivos de configuración personalizados

You can additionally override the configuration in `/app/data/settings-override.py` (see *Volúmenes de contenedores Docker*). This is executed after all environment settings are loaded, so it gets completely set up, and can be used to customize anything.

Replacing logo and other static files

Nuevo en la versión 3.8-5.

The static files coming with Weblate can be overridden by placing into `/app/data/python/customize/static` (see *Volúmenes de contenedores Docker*). For example creating `/app/data/python/customize/static/favicon.ico` will replace the favicon.

Consejo: The files are copied to the corresponding location upon container startup, so a restart of Weblate is needed after changing the content of the volume.

Alternatively you can also include own module (see *Personalizar Weblate*) and add it as separate volume to the Docker container, for example:

```
weblate:
  volumes:
    - weblate-data:/app/data
    - ./weblate_customization/weblate_customization:/app/data/python/weblate_
↪customization
```

(continué en la próxima página)

(proviene de la página anterior)

```
  environment:
    WEBLATE_ADD_APPS: weblate_customization
```

Adding own Python modules

Nuevo en la versión 3.8-5.

You can place own Python modules in `/app/data/python/` (see *Volúmenes de contenedores Docker*) and they can be then loaded by Weblate, most likely by using *Archivos de configuración personalizados*.

Ver también:

Personalizar Weblate

Select your machine - local or cloud providers

With Docker Machine you can create your Weblate deployment either on your local machine, or on any large number of cloud-based deployments on e.g. Amazon AWS, Greenhost, and many other providers.

Instalar en Debian y Ubuntu

Requisitos de *hardware*

Weblate should run on all contemporary hardware without problems, the following is the minimal configuration required to run Weblate on a single host (Weblate, database and webserver):

- 2 GB de RAM
- 2 núcleos de CPU
- 1 GB de espacio de almacenamiento

Cuanta más memoria tenga, mejor, ya que se utiliza para el prealmacenaje en todos los niveles (sistema de archivos, base de datos y Weblate).

Many concurrent users increases the amount of needed CPU cores. For hundreds of translation components at least 4 GB of RAM is recommended.

Nota: Actual requirements for your installation of Weblate vary heavily based on the size of the translations managed in it.

Instalación

Requisitos del sistema

Install the dependencies needed to build the Python modules (see *Requisitos de software*):

```
apt install \
   libxml2-dev libxslt-dev libfreetype6-dev libjpeg-dev libz-dev libyaml-dev \
   libcairo-dev gir1.2-pango-1.0 libgirepository1.0-dev libacl1-dev libssl-dev \
   build-essential python3-gdbm python3-dev python3-pip python3-virtualenv␣
↪virtualenv git
```

Instale las dependencias opcionales que desee en función de las funcionalidades que vaya a utilizar (vea *Dependencias opcionales*):

```
apt install tesseract-ocr libtesseract-dev libleptonica-dev
```

Optionally install software for running production server, see *Running server*, *Configuración de base de datos para Weblate*, *Tareas en segundo plano con Celery*. Depending on size of your installation you might want to run these components on dedicated servers.

Las instrucciones de instalación local:

```
# Web server option 1: NGINX and uWSGI
apt install nginx uwsgi uwsgi-plugin-python3

# Web server option 2: Apache with ``mod_wsgi``
apt install apache2 libapache2-mod-wsgi

# Caching backend: Redis
apt install redis-server

# Database server: PostgreSQL
apt install postgresql postgresql-contrib

# SMTP server
apt install exim4
```

Módulos de Python

Consejo: We're using virtualenv to install Weblate in a separate environment from your system. If you are not familiar with it, check virtualenv User Guide.

1. Create the virtualenv for Weblate:

   ```
   virtualenv --python=python3 ~/weblate-env
   ```

2. Activate the virtualenv for Weblate:

   ```
   . ~/weblate-env/bin/activate
   ```

3. Install Weblate including all dependencies:

   ```
   pip install Weblate
   ```

4. Instale el controlador de la base de datos:

   ```
   pip install psycopg2-binary
   ```

5. Install wanted optional dependencies depending on features you intend to use (some might require additional system libraries, check *Dependencias opcionales*):

   ```
   pip install ruamel.yaml aeidon boto3 zeep chardet tesserocr
   ```

Configurar Weblate

Nota: Following steps assume virtualenv used by Weblate is active (what can be done by `. ~/weblate-env/bin/activate`). In case this is not true, you will have to specify full path to **`weblate`** command as `~/weblate-env/bin/weblate`.

1. Copy the file `~/weblate-env/lib/python3.7/site-packages/weblate/settings_example.py` to `~/weblate-env/lib/python3.7/site-packages/weblate/settings.py`.
2. Adjust the values in the new `settings.py` file to your liking. You can stick with shipped example for testing purposes, but you will want changes for production setup, see *Adjusting configuration*.
3. Create the database and its structure for Weblate (the example settings use PostgreSQL, check *Configuración de base de datos para Weblate* for production ready setup):

   ```
   weblate migrate
   ```

4. Create the administrator user account and copy the password it outputs to the clipboard, and also save it for later use:

   ```
   weblate createadmin
   ```

5. Collect static files for web server (see *Running server* and *Serving static files*):

   ```
   weblate collectstatic
   ```

6. Compress JavaScript and CSS files (optional, see *Compressing client assets*):

   ```
   weblate compress
   ```

7. Start Celery workers. This is not necessary for development purposes, but strongly recommended otherwise. See *Tareas en segundo plano con Celery* for more info:

   ```
   ~/weblate-env/lib/python3.7/site-packages/weblate/examples/celery start
   ```

8. Start the development server (see *Running server* for production setup):

   ```
   weblate runserver
   ```

After installation

Congratulations, your Weblate server is now running and you can start using it.

- You can now access Weblate on `http://localhost:8000/`.
- Login with admin credentials obtained during installation or register with new users.
- You can now run Weblate commands using **`weblate`** command when Weblate virtualenv is active, see *Órdenes de gestión*.
- You can stop the test server with Ctrl+C.

Adding translation

1. Open the admin interface (`http://localhost:8000/create/project/`) and create the project you want to translate. See *Configuración de proyectos* for more details.

   All you need to specify here is the project name and its website.

2. Create a component which is the real object for translation - it points to the VCS repository, and selects which files to translate. See *Configuración de componentes* for more details.

   The important fields here are: Component name, VCS repository address and mask for finding translatable files. Weblate supports a wide range of formats including gettext PO files, Android resource strings, iOS string properties, Java properties or Qt Linguist files, see *Formatos de archivo admitidos* for more details.

3. Once the above is completed (it can be lengthy process depending on the size of your VCS repository, and number of messages to translate), you can start translating.

Instalar en SUSE y openSUSE

Requisitos de *hardware*

Weblate should run on all contemporary hardware without problems, the following is the minimal configuration required to run Weblate on a single host (Weblate, database and webserver):

- 2 GB de RAM
- 2 núcleos de CPU
- 1 GB de espacio de almacenamiento

Cuanta más memoria tenga, mejor, ya que se utiliza para el prealmacenaje en todos los niveles (sistema de archivos, base de datos y Weblate).

Many concurrent users increases the amount of needed CPU cores. For hundreds of translation components at least 4 GB of RAM is recommended.

Nota: Actual requirements for your installation of Weblate vary heavily based on the size of the translations managed in it.

Instalación

Requisitos del sistema

Install the dependencies needed to build the Python modules (see *Requisitos de software*):

```
zypper install \
   libxslt-devel libxml2-devel freetype-devel libjpeg-devel zlib-devel libyaml-
↪devel \
   cairo-devel typelib-1_0-Pango-1_0 gobject-introspection-devel libacl-devel \
   python3-pip python3-virtualenv python3-devel git
```

Instale las dependencias opcionales que desee en función de las funcionalidades que vaya a utilizar (vea *Dependencias opcionales*):

```
zypper install tesseract-ocr tesseract-devel leptonica-devel
```

Optionally install software for running production server, see *Running server*, *Configuración de base de datos para Weblate*, *Tareas en segundo plano con Celery*. Depending on size of your installation you might want to run these components on dedicated servers.

Las instrucciones de instalación local:

```
# Web server option 1: NGINX and uWSGI
zypper install nginx uwsgi uwsgi-plugin-python3

# Web server option 2: Apache with ``mod_wsgi``
zypper install apache2 apache2-mod_wsgi

# Caching backend: Redis
zypper install redis-server

# Database server: PostgreSQL
zypper install postgresql postgresql-contrib

# SMTP server
zypper install postfix
```

Módulos de Python

Consejo: We're using virtualenv to install Weblate in a separate environment from your system. If you are not familiar with it, check virtualenv User Guide.

1. Create the virtualenv for Weblate:

   ```
   virtualenv --python=python3 ~/weblate-env
   ```

2. Activate the virtualenv for Weblate:

   ```
   . ~/weblate-env/bin/activate
   ```

3. Install Weblate including all dependencies:

   ```
   pip install Weblate
   ```

4. Instale el controlador de la base de datos:

   ```
   pip install psycopg2-binary
   ```

5. Install wanted optional dependencies depending on features you intend to use (some might require additional system libraries, check *Dependencias opcionales*):

   ```
   pip install ruamel.yaml aeidon boto3 zeep chardet tesserocr
   ```

Configurar Weblate

Nota: Following steps assume virtualenv used by Weblate is active (what can be done by `. ~/weblate-env/bin/activate`). In case this is not true, you will have to specify full path to **`weblate`** command as `~/weblate-env/bin/weblate`.

1. Copy the file `~/weblate-env/lib/python3.7/site-packages/weblate/settings_example.py` to `~/weblate-env/lib/python3.7/site-packages/weblate/settings.py`.
2. Adjust the values in the new `settings.py` file to your liking. You can stick with shipped example for testing purposes, but you will want changes for production setup, see *Adjusting configuration*.

3. Create the database and its structure for Weblate (the example settings use PostgreSQL, check *Configuración de base de datos para Weblate* for production ready setup):

```
weblate migrate
```

4. Create the administrator user account and copy the password it outputs to the clipboard, and also save it for later use:

```
weblate createadmin
```

5. Collect static files for web server (see *Running server* and *Serving static files*):

```
weblate collectstatic
```

6. Compress JavaScript and CSS files (optional, see *Compressing client assets*):

```
weblate compress
```

7. Start Celery workers. This is not necessary for development purposes, but strongly recommended otherwise. See *Tareas en segundo plano con Celery* for more info:

```
~/weblate-env/lib/python3.7/site-packages/weblate/examples/celery start
```

8. Start the development server (see *Running server* for production setup):

```
weblate runserver
```

After installation

Congratulations, your Weblate server is now running and you can start using it.

- You can now access Weblate on `http://localhost:8000/`.
- Login with admin credentials obtained during installation or register with new users.
- You can now run Weblate commands using **`weblate`** command when Weblate virtualenv is active, see *Órdenes de gestión*.
- You can stop the test server with Ctrl+C.

Adding translation

1. Open the admin interface (`http://localhost:8000/create/project/`) and create the project you want to translate. See *Configuración de proyectos* for more details.

   All you need to specify here is the project name and its website.

2. Create a component which is the real object for translation - it points to the VCS repository, and selects which files to translate. See *Configuración de componentes* for more details.

   The important fields here are: Component name, VCS repository address and mask for finding translatable files. Weblate supports a wide range of formats including gettext PO files, Android resource strings, iOS string properties, Java properties or Qt Linguist files, see *Formatos de archivo admitidos* for more details.

3. Once the above is completed (it can be lengthy process depending on the size of your VCS repository, and number of messages to translate), you can start translating.

Instalar en Red Hat, Fedora y CentOS

Requisitos de *hardware*

Weblate should run on all contemporary hardware without problems, the following is the minimal configuration required to run Weblate on a single host (Weblate, database and webserver):

- 2 GB de RAM
- 2 núcleos de CPU
- 1 GB de espacio de almacenamiento

Cuanta más memoria tenga, mejor, ya que se utiliza para el prealmacenaje en todos los niveles (sistema de archivos, base de datos y Weblate).

Many concurrent users increases the amount of needed CPU cores. For hundreds of translation components at least 4 GB of RAM is recommended.

Nota: Actual requirements for your installation of Weblate vary heavily based on the size of the translations managed in it.

Instalación

Requisitos del sistema

Install the dependencies needed to build the Python modules (see *Requisitos de software*):

```
dnf install \
   libxslt-devel libxml2-devel freetype-devel libjpeg-devel zlib-devel libyaml-
↪devel \
   cairo-devel pango-devel gobject-introspection-devel libacl-devel \
   python3-pip python3-virtualenv python3-devel git
```

Instale las dependencias opcionales que desee en función de las funcionalidades que vaya a utilizar (vea *Dependencias opcionales*):

```
dnf install tesseract-langpack-eng tesseract-devel leptonica-devel
```

Optionally install software for running production server, see *Running server*, *Configuración de base de datos para Weblate*, *Tareas en segundo plano con Celery*. Depending on size of your installation you might want to run these components on dedicated servers.

Las instrucciones de instalación local:

```
# Web server option 1: NGINX and uWSGI
dnf install nginx uwsgi uwsgi-plugin-python3

# Web server option 2: Apache with ``mod_wsgi``
dnf install apache2 apache2-mod_wsgi

# Caching backend: Redis
dnf install redis

# Database server: PostgreSQL
dnf install postgresql postgresql-contrib

# SMTP server
dnf install postfix
```

Módulos de Python

Consejo: We're using virtualenv to install Weblate in a separate environment from your system. If you are not familiar with it, check virtualenv User Guide.

1. Create the virtualenv for Weblate:

```
virtualenv --python=python3 ~/weblate-env
```

2. Activate the virtualenv for Weblate:

```
. ~/weblate-env/bin/activate
```

3. Install Weblate including all dependencies:

```
pip install Weblate
```

4. Instale el controlador de la base de datos:

```
pip install psycopg2-binary
```

5. Install wanted optional dependencies depending on features you intend to use (some might require additional system libraries, check *Dependencias opcionales*):

```
pip install ruamel.yaml aeidon boto3 zeep chardet tesserocr
```

Configurar Weblate

Nota: Following steps assume virtualenv used by Weblate is active (what can be done by `. ~/weblate-env/bin/activate`). In case this is not true, you will have to specify full path to **`weblate`** command as `~/weblate-env/bin/weblate`.

1. Copy the file `~/weblate-env/lib/python3.7/site-packages/weblate/settings_example.py` to `~/weblate-env/lib/python3.7/site-packages/weblate/settings.py`.
2. Adjust the values in the new `settings.py` file to your liking. You can stick with shipped example for testing purposes, but you will want changes for production setup, see *Adjusting configuration*.
3. Create the database and its structure for Weblate (the example settings use PostgreSQL, check *Configuración de base de datos para Weblate* for production ready setup):

```
weblate migrate
```

4. Create the administrator user account and copy the password it outputs to the clipboard, and also save it for later use:

```
weblate createadmin
```

5. Collect static files for web server (see *Running server* and *Serving static files*):

```
weblate collectstatic
```

6. Compress JavaScript and CSS files (optional, see *Compressing client assets*):

```
weblate compress
```

7. Start Celery workers. This is not necessary for development purposes, but strongly recommended otherwise. See *Tareas en segundo plano con Celery* for more info:

```
~/weblate-env/lib/python3.7/site-packages/weblate/examples/celery start
```

8. Start the development server (see *Running server* for production setup):

```
weblate runserver
```

After installation

Congratulations, your Weblate server is now running and you can start using it.

- You can now access Weblate on `http://localhost:8000/`.
- Login with admin credentials obtained during installation or register with new users.
- You can now run Weblate commands using **`weblate`** command when Weblate virtualenv is active, see *Órdenes de gestión*.
- You can stop the test server with Ctrl+C.

Adding translation

1. Open the admin interface (`http://localhost:8000/create/project/`) and create the project you want to translate. See *Configuración de proyectos* for more details.

   All you need to specify here is the project name and its website.

2. Create a component which is the real object for translation - it points to the VCS repository, and selects which files to translate. See *Configuración de componentes* for more details.

   The important fields here are: Component name, VCS repository address and mask for finding translatable files. Weblate supports a wide range of formats including gettext PO files, Android resource strings, iOS string properties, Java properties or Qt Linguist files, see *Formatos de archivo admitidos* for more details.

3. Once the above is completed (it can be lengthy process depending on the size of your VCS repository, and number of messages to translate), you can start translating.

Instalar en macOS

Requisitos de *hardware*

Weblate should run on all contemporary hardware without problems, the following is the minimal configuration required to run Weblate on a single host (Weblate, database and webserver):

- 2 GB de RAM
- 2 núcleos de CPU
- 1 GB de espacio de almacenamiento

Cuanta más memoria tenga, mejor, ya que se utiliza para el prealmacenaje en todos los niveles (sistema de archivos, base de datos y Weblate).

Many concurrent users increases the amount of needed CPU cores. For hundreds of translation components at least 4 GB of RAM is recommended.

Nota: Actual requirements for your installation of Weblate vary heavily based on the size of the translations managed in it.

Instalación

Requisitos del sistema

Install the dependencies needed to build the Python modules (see *Requisitos de software*):

```
brew install pango libjpeg python git libyaml gobject-introspection
pip3 install virtualenv
```

Make sure pip will be able to find the `libffi` version provided by homebrew — this will be needed during the installation build step.

```
export PKG_CONFIG_PATH="/usr/local/opt/libffi/lib/pkgconfig"
```

Instale las dependencias opcionales que desee en función de las funcionalidades que vaya a utilizar (vea *Dependencias opcionales*):

```
brew install tesseract
```

Optionally install software for running production server, see *Running server*, *Configuración de base de datos para Weblate*, *Tareas en segundo plano con Celery*. Depending on size of your installation you might want to run these components on dedicated servers.

Las instrucciones de instalación local:

```
# Web server option 1: NGINX and uWSGI
brew install nginx uwsgi

# Web server option 2: Apache with ``mod_wsgi``
brew install httpd

# Caching backend: Redis
brew install redis

# Database server: PostgreSQL
brew install postgresql
```

Módulos de Python

Consejo: We're using virtualenv to install Weblate in a separate environment from your system. If you are not familiar with it, check virtualenv User Guide.

1. Create the virtualenv for Weblate:

   ```
   virtualenv --python=python3 ~/weblate-env
   ```

2. Activate the virtualenv for Weblate:

   ```
   . ~/weblate-env/bin/activate
   ```

3. Install Weblate including all dependencies:

   ```
   pip install Weblate
   ```

4. Instale el controlador de la base de datos:

   ```
   pip install psycopg2-binary
   ```

5. Install wanted optional dependencies depending on features you intend to use (some might require additional system libraries, check *Dependencias opcionales*):

```
pip install ruamel.yaml aeidon boto3 zeep chardet tesserocr
```

Configurar Weblate

Nota: Following steps assume virtualenv used by Weblate is active (what can be done by `. ~/weblate-env/bin/activate`). In case this is not true, you will have to specify full path to **`weblate`** command as `~/weblate-env/bin/weblate`.

1. Copy the file `~/weblate-env/lib/python3.7/site-packages/weblate/settings_example.py` to `~/weblate-env/lib/python3.7/site-packages/weblate/settings.py`.
2. Adjust the values in the new `settings.py` file to your liking. You can stick with shipped example for testing purposes, but you will want changes for production setup, see *Adjusting configuration*.
3. Create the database and its structure for Weblate (the example settings use PostgreSQL, check *Configuración de base de datos para Weblate* for production ready setup):

```
weblate migrate
```

4. Create the administrator user account and copy the password it outputs to the clipboard, and also save it for later use:

```
weblate createadmin
```

5. Collect static files for web server (see *Running server* and *Serving static files*):

```
weblate collectstatic
```

6. Compress JavaScript and CSS files (optional, see *Compressing client assets*):

```
weblate compress
```

7. Start Celery workers. This is not necessary for development purposes, but strongly recommended otherwise. See *Tareas en segundo plano con Celery* for more info:

```
~/weblate-env/lib/python3.7/site-packages/weblate/examples/celery start
```

8. Start the development server (see *Running server* for production setup):

```
weblate runserver
```

After installation

Congratulations, your Weblate server is now running and you can start using it.

- You can now access Weblate on `http://localhost:8000/`.
- Login with admin credentials obtained during installation or register with new users.
- You can now run Weblate commands using **`weblate`** command when Weblate virtualenv is active, see *Órdenes de gestión*.
- You can stop the test server with Ctrl+C.

Adding translation

1. Open the admin interface (`http://localhost:8000/create/project/`) and create the project you want to translate. See *Configuración de proyectos* for more details.

   All you need to specify here is the project name and its website.

2. Create a component which is the real object for translation - it points to the VCS repository, and selects which files to translate. See *Configuración de componentes* for more details.

   The important fields here are: Component name, VCS repository address and mask for finding translatable files. Weblate supports a wide range of formats including gettext PO files, Android resource strings, iOS string properties, Java properties or Qt Linguist files, see *Formatos de archivo admitidos* for more details.

3. Once the above is completed (it can be lengthy process depending on the size of your VCS repository, and number of messages to translate), you can start translating.

Instalar desde el código fuente

1. Siga las instrucciones de instalación correspondientes a su sistema primero:

   - *Instalar en Debian y Ubuntu*
   - *Instalar en SUSE y openSUSE*
   - *Instalar en Red Hat, Fedora y CentOS*

2. Grab the latest Weblate sources using Git (or download a tarball and unpack that):

   ```
   git clone https://github.com/WeblateOrg/weblate.git weblate-src
   ```

   Alternatively you can use released archives. You can download them from our website <https://weblate.org/>. Those downloads are cryptographically signed, please see *Comprobar las firmas de versión*.

3. Install current Weblate code into the virtualenv:

   ```
   . ~/weblate-env/bin/activate
   pip install -e weblate-src
   ```

4. Copy `weblate/settings_example.py` to `weblate/settings.py`.

5. Adjust the values in the new `settings.py` file to your liking. You can stick with shipped example for testing purposes, but you will want changes for production setup, see *Adjusting configuration*.

6. Create the database used by Weblate, see *Configuración de base de datos para Weblate*.

7. Build Django tables, static files and initial data (see *Filling up the database* and *Serving static files*):

   ```
   weblate migrate
   weblate collectstatic
   weblate compress
   weblate compilemessages
   ```

   Nota: Este paso debe repetirse siempre que actualice el repositorio.

Instalar en OpenShift

With the OpenShift Weblate template you can get your personal Weblate instance up and running in seconds. All of Weblate's dependencies are already included. PostgreSQL is set up as the default database and persistent volume claims are used.

Instalación

Los ejemplos siguientes presuponen que cuenta con un entorno OpenShift versión 3.x en funcionamiento y la herramienta de cliente `oc` instalada. Consulte la documentación de OpenShift para obtener instrucciones.

Consola web

Copy the raw content from `template.yml` and import them into your project, then use the `Create` button in the OpenShift web console to create your application. The web console will prompt you for the values for all of the parameters used by the template.

CLI

To upload the Weblate template to your current project's template library, pass the `template.yml` file with the following command:

```
$ oc create -f https://raw.githubusercontent.com/WeblateOrg/openshift/main/
↪template.yml \
   -n <PROJECT>
```

The template is now available for selection using the web console or the CLI.

Parámetros

The list of parameters that you can override are listed in the parameters section of the template. You can list them with the CLI by using the following command and specifying the file to be used:

```
$ oc process --parameters -f https://raw.githubusercontent.com/WeblateOrg/
↪openshift/main/template.yml

# If the template is already uploaded
$ oc process --parameters -n <PROJECT> weblate
```

Provisioning

You can also use the CLI to process templates and use the configuration that is generated to create objects immediately.

```
$ oc process -f https://raw.githubusercontent.com/WeblateOrg/openshift/main/
↪template.yml \
    -p APPLICATION_NAME=weblate \
    -p WEBLATE_VERSION=4.3.1-1 \
    -p WEBLATE_SITE_DOMAIN=weblate.app-openshift.example.com \
    -p POSTGRESQL_IMAGE=docker-registry.default.svc:5000/openshift/postgresql:9.6 \
    -p REDIS_IMAGE=docker-registry.default.svc:5000/openshift/redis:3.2 \
    | oc create -f
```

The Weblate instance should be available after successful migration and deployment at the specified `WEBLATE_SITE_DOMAIN` parameter.

After container setup, you can sign in as *admin* user with password provided in `WEBLATE_ADMIN_PASSWORD`, or a random password generated on first start if that was not set.

To reset *admin* password, restart the container with `WEBLATE_ADMIN_PASSWORD` set to new password in the respective `Secret`.

Eliminar

```
$ oc delete all -l app=<APPLICATION_NAME>
$ oc delete configmap -l app= <APPLICATION_NAME>
$ oc delete secret -l app=<APPLICATION_NAME>
# ATTTENTION! The following command is only optional and will permanently delete␣
↪all of your data.
$ oc delete pvc -l app=<APPLICATION_NAME>

$ oc delete all -l app=weblate \
    && oc delete secret -l app=weblate \
    && oc delete configmap -l app=weblate \
    && oc delete pvc -l app=weblate
```

Configuración

By processing the template a respective `ConfigMap` will be created and which can be used to customize the Weblate image. The `ConfigMap` is directly mounted as environment variables and triggers a new deployment every time it is changed. For further configuration options, see *Docker environment variables* for full list of environment variables.

En función de la preparación y su experiencia, elija un método de instalación apropiado para usted:

- *Instalar con Docker*, recommended for production setups.
- Virtualenv installation, recommended for production setups:
  - *Instalar en Debian y Ubuntu*
  - *Instalar en SUSE y openSUSE*
  - *Instalar en Red Hat, Fedora y CentOS*
  - *Instalar en macOS*
- *Instalar desde el código fuente*, recommended for development.
- *Instalar en OpenShift*.

2.1.2 Requisitos de software

Sistema operativo

Se sabe que Weblate funciona en Linux, FreeBSD y macOS. Es posible que funcione también en otros sistemas similares a Unix.

Weblate no es compatible con Windows. Aun así, es posible hacerlo funcionar; aceptaremos parches para este fin.

Otros servicios

Weblate utiliza otros servicios para su funcionamiento. Habrá de ejecutar al menos los siguientes:

- PostgreSQL database server, see *Configuración de base de datos para Weblate*.
- Redis server for cache and tasks queue, see *Tareas en segundo plano con Celery*.
- SMTP server for outgoing e-mail, see *Configurar el correo electrónico saliente*.

Dependencias de Python

Weblate is written in Python and supports Python 3.6 or newer. You can install dependencies using pip or from your distribution packages, full list is available in `requirements.txt`.

Dependencias más notables:

Django https://www.djangoproject.com/

Celery https://docs.celeryproject.org/

Translate Toolkit https://toolkit.translatehouse.org/

translation-finder https://github.com/WeblateOrg/translation-finder

Python Social Auth https://python-social-auth.readthedocs.io/

Marco REST de Django https://www.django-rest-framework.org/

Dependencias opcionales

Los módulos siguientes son necesarios para algunas funcionalidades de Weblate: Los encontrará todos en `requirements-optional.txt`.

`Mercurial` (opcional para admitir repositorios Mercurial) https://www.mercurial-scm.org/

`phply` (opcional para admitir PHP) https://github.com/viraptor/phply

`tesserocr` (opcional para el OCR de capturas de pantalla) https://github.com/sirfz/tesserocr

`akismet` (opcional para evitar *spam* en las sugerencias) https://github.com/ubernostrum/akismet

`ruamel.yaml` (opcional para *YAML files*) https://pypi.org/project/ruamel.yaml/

`Zeep` (opcional para *Servicio terminológico de Microsoft*) https://docs.python-zeep.org/

`aeidon` (opcional para *Archivos de subtítulos*) https://pypi.org/project/aeidon/

Dependencias del motor de la base de datos

Weblate supports PostgreSQL, MySQL and MariaDB, see *Configuración de base de datos para Weblate* and backends documentation for more details.

Otros requisitos de sistema

Deben instalarse las dependencias siguientes en el sistema:

`Git` https://git-scm.com/

Pango, Cairo and related header files and gir introspection data https://cairographics.org/, https://pango.gnome.org/, see *Pango y Cairo*

`git-review` (opcional para admitir Gerrit) https://pypi.org/project/git-review/

`git-svn` (opcional para admitir Subversion) https://git-scm.com/docs/git-svn

`tesseract` y sus datos (opcional para el reconocimiento óptico de caracteres en capturas de pantalla) https://github.com/tesseract-ocr/tesseract

`licensee` (optional for detecting license when creating component) https://github.com/licensee/licensee

Dependencias de tiempo de compilación

To compile some of the *Dependencias de Python* you might need to install their dependencies. This depends on how you install them, so please consult individual packages for documentation. You won't need those if using prebuilt `Wheels` while installing using `pip` or when you use distribution packages.

Pango y Cairo

Distinto en la versión 3.7.

Weblate uses Pango and Cairo for rendering bitmap widgets (see *Promoting the translation*) and rendering checks (see *Gestionar tipos de letra*). To properly install Python bindings for those you need to install system libraries first - you need both Cairo and Pango, which in turn need GLib. All those should be installed with development files and GObject introspection data.

2.1.3 Comprobar las firmas de versión

Weblate release are cryptographically signed by the releasing developer. Currently this is Michal Čihař. Fingerprint of his PGP key is:

```
63CB 1DF1 EF12 CF2A C0EE 5A32 9C27 B313 42B7 511D
```

and you can get more identification information from <https://keybase.io/nijel>.

Debería verificar que coincida la firma con el archivador que ha descargado. Así, podrá tener la certeza de que está utilizando el mismo código que fue publicado. Además, compruebe la fecha de la firma para asegurarse de que ha descargado la versión más reciente.

Todos los archivadores incluyen un archivo `.asc`, que contiene la firma PGP correspondiente. Coloque el archivador y el archivo de firma en la misma carpeta para verificarlos:

```
$ gpg --verify Weblate-3.5.tar.xz.asc
gpg: assuming signed data in 'Weblate-3.5.tar.xz'
gpg: Signature made Ne 3. března 2019, 16:43:15 CET
gpg:                using RSA key 87E673AF83F6C3A0C344C8C3F4AA229D4D58C245
gpg: Can't check signature: public key not found
```

Como podrá darse cuenta, GPG responde que no se conoce la clave pública. Efectúe uno de los procedimientos siguientes:

- Utilice *wkd* para descargar la clave:

```
$ gpg --auto-key-locate wkd --locate-keys michal@cihar.com
pub   rsa4096 2009-06-17 [SC]
      63CB1DF1EF12CF2AC0EE5A329C27B31342B7511D
uid           [ultimate] Michal Čihař <michal@cihar.com>
uid           [ultimate] Michal Čihař <nijel@debian.org>
uid           [ultimate] [jpeg image of size 8848]
uid           [ultimate] Michal Čihař (Braiins) <michal.cihar@braiins.cz>
sub   rsa4096 2009-06-17 [E]
sub   rsa4096 2015-09-09 [S]
```

- Descargue el llavero del servidor de Michal y, a continuación, impórtelo con:

```
$ gpg --import wmxth3chu9jfxdxywj1skpmhsj311mzm
```

- Descargue e importe la clave de uno de los servidores de claves:

```
$ gpg --keyserver hkp://pgp.mit.edu --recv-keys␣
↪87E673AF83F6C3A0C344C8C3F4AA229D4D58C245
gpg: key 9C27B31342B7511D: "Michal Čihař <michal@cihar.com>" imported
gpg: Total number processed: 1
gpg:               unchanged: 1
```

This will improve the situation a bit - at this point you can verify that the signature from the given key is correct but you still can not trust the name used in the key:

```
$ gpg --verify Weblate-3.5.tar.xz.asc
gpg: assuming signed data in 'Weblate-3.5.tar.xz'
gpg: Signature made Ne 3. března 2019, 16:43:15 CET
gpg:                using RSA key 87E673AF83F6C3A0C344C8C3F4AA229D4D58C245
gpg: Good signature from "Michal Čihař <michal@cihar.com>" [ultimate]
gpg:                 aka "Michal Čihař <nijel@debian.org>" [ultimate]
gpg:                 aka "[jpeg image of size 8848]" [ultimate]
gpg:                 aka "Michal Čihař (Braiins) <michal.cihar@braiins.cz>"␣
↪[ultimate]
gpg: WARNING: This key is not certified with a trusted signature!
gpg:          There is no indication that the signature belongs to the owner.
Primary key fingerprint: 63CB 1DF1 EF12 CF2A C0EE  5A32 9C27 B313 42B7 511D
```

The problem here is that anybody could issue the key with this name. You need to ensure that the key is actually owned by the mentioned person. The GNU Privacy Handbook covers this topic in the chapter Validating other keys on your public keyring. The most reliable method is to meet the developer in person and exchange key fingerprints, however you can also rely on the web of trust. This way you can trust the key transitively though signatures of others, who have met the developer in person.

Cuando la clave sea de fiar, el aviso dejará de emitirse:

```
$ gpg --verify Weblate-3.5.tar.xz.asc
gpg: assuming signed data in 'Weblate-3.5.tar.xz'
gpg: Signature made Sun Mar  3 16:43:15 2019 CET
gpg:                using RSA key 87E673AF83F6C3A0C344C8C3F4AA229D4D58C245
gpg: Good signature from "Michal Čihař <michal@cihar.com>" [ultimate]
gpg:                 aka "Michal Čihař <nijel@debian.org>" [ultimate]
gpg:                 aka "[jpeg image of size 8848]" [ultimate]
gpg:                 aka "Michal Čihař (Braiins) <michal.cihar@braiins.cz>"␣
↪[ultimate]
```

Should the signature be invalid (the archive has been changed), you would get a clear error regardless of the fact that the key is trusted or not:

```
$ gpg --verify Weblate-3.5.tar.xz.asc
gpg: Signature made Sun Mar  3 16:43:15 2019 CET
gpg:                using RSA key 87E673AF83F6C3A0C344C8C3F4AA229D4D58C245
gpg: BAD signature from "Michal Čihař <michal@cihar.com>" [ultimate]
```

2.1.4 Permisos del sistema de archivos

The Weblate process needs to be able to read and write to the directory where it keeps data - `DATA_DIR`. All files within this directory should be owned and writable by the user running Weblate.

The default configuration places them in the same tree as the Weblate sources, however you might prefer to move these to a better location such as: `/var/lib/weblate`.

Weblate tries to create these directories automatically, but it will fail when it does not have permissions to do so.

You should also take care when running *Órdenes de gestión*, as they should be ran under the same user as Weblate itself is running, otherwise permissions on some files might be wrong.

In the Docker container, all files in the `/app/data` volume have to be owned by weblate user inside the container (UID 1000).

Ver también:

Serving static files

2.1.5 Configuración de base de datos para Weblate

Es recomendable ejecutar Weblate con un servidor de bases de datos PostgreSQL.

Ver también:

Use a powerful database engine, Databases, *Migrating from other databases to PostgreSQL*

PostgreSQL

PostgreSQL is usually the best choice for Django-based sites. It's the reference database used for implementing Django database layer.

Nota: Weblate uses trigram extension which has to be installed separately in some cases. Look for `postgresql-contrib` or a similarly named package.

Ver también:

PostgreSQL notes

Crear una base de datos en PostgreSQL

Suele ser una buena idea ejecutar Weblate en su propia base de datos, en una cuenta de usuario separada:

```
# If PostgreSQL was not installed before, set the main password
sudo -u postgres psql postgres -c "\password postgres"

# Create a database user called "weblate"
sudo -u postgres createuser --superuser --pwprompt weblate

# Create the database "weblate" owned by "weblate"
sudo -u postgres createdb -O weblate weblate
```

Consejo: If you don't want to make the Weblate user a superuser in PostgreSQL, you can omit that. In that case you will have to perform some of the migration steps manually as a PostgreSQL superuser in schema Weblate will use:

```
CREATE EXTENSION IF NOT EXISTS pg_trgm WITH SCHEMA weblate;
```

Configurar Weblate para que utilice PostgreSQL

The `settings.py` snippet for PostgreSQL:

```
DATABASES = {
    "default": {
        # Database engine
        "ENGINE": "django.db.backends.postgresql",
        # Database name
        "NAME": "weblate",
        # Database user
        "USER": "weblate",
        # Name of role to alter to set parameters in PostgreSQL,
        # use in case role name is different than user used for authentication.
        # "ALTER_ROLE": "weblate",
        # Database password
        "PASSWORD": "password",
        # Set to empty string for localhost
        "HOST": "database.example.com",
        # Set to empty string for default
        "PORT": "",
    }
}
```

The migration code assumes that the role name matches username used while authenticating, in case it is not, please setting `ALTER_ROLE`. Otherwise you get PostgreSQL error about not existing role during the database migration (`psycopg2.errors.UndefinedObject: role "weblate@hostname" does not exist`).

MySQL y MariaDB

Weblate can be also used with MySQL or MariaDB, please see MySQL notes and MariaDB notes for caveats using Django with those.

Consejo: Some Weblate features will perform better with *PostgreSQL*. This includes searching and translation memory, which both utilize full-text features in the database and PostgreSQL implementation is superior.

Because of this it is recommended to use *PostgreSQL* for new installations.

Se recomienda la configuración siguiente para Weblate:

- Use the `utf8mb4` charset to allow representation of higher Unicode planes (for example emojis).
- Configure the server with `Innodb_large_prefix` to allow longer indices on text fields.
- Set the isolation level to `READ COMMITTED`.
- The SQL mode should be set to `STRICT_TRANS_TABLES`.

2.1.6 Otras configuraciones

Configurar el correo electrónico saliente

Weblate sends out e-mails on various occasions - for account activation and on various notifications configured by users. For this it needs access to an SMTP server.

The mail server setup is configured using these settings: `EMAIL_HOST`, `EMAIL_HOST_PASSWORD`, `EMAIL_HOST_USER` and `EMAIL_PORT`. Their names are quite self-explanatory, but you can find more info in the Django documentation.

Nota: You can verify whether outgoing e-mail is working correctly by using the `sendtestemail` management command (see *Invocar órdenes de gestión* for instructions on how to invoke it in different environments).

Running behind reverse proxy

Several features in Weblate rely on being able to get client IP address. This includes *Rate limiting*, *Spam protection* or *Registro de auditoría*.

In default configuration Weblate parses IP address from `REMOTE_ADDR` which is set by the WSGI handler.

In case you are running a reverse proxy, this field will most likely contain its address. You need to configure Weblate to trust additional HTTP headers and parse the IP address from these. This can not be enabled by default as it would allow IP address spoofing for installations not using a reverse proxy. Enabling `IP_BEHIND_REVERSE_PROXY` might be enough for the most usual setups, but you might need to adjust `IP_PROXY_HEADER` and `IP_PROXY_OFFSET` as well.

Ver también:

Spam protection, *Rate limiting*, *Registro de auditoría*, `IP_BEHIND_REVERSE_PROXY`, `IP_PROXY_HEADER`, `IP_PROXY_OFFSET`, `SECURE_PROXY_SSL_HEADER`

HTTP proxy

Weblate does execute VCS commands and those accept proxy configuration from environment. The recommended approach is to define proxy settings in `settings.py`:

```
import os
os.environ['http_proxy'] = "http://proxy.example.com:8080"
os.environ['HTTPS_PROXY'] = "http://proxy.example.com:8080"
```

Ver también:

Proxy Environment Variables

2.1.7 Adjusting configuration

Ver también:

Configuración de muestra

Copy `weblate/settings_example.py` to `weblate/settings.py` and adjust it to match your setup. You will probably want to adjust the following options: `ADMINS`

List of site administrators to receive notifications when something goes wrong, for example notifications on failed merges, or Django errors.

Ver también:

`ADMINS`

`ALLOWED_HOSTS`

You need to set this to list the hosts your site is supposed to serve. For example:

```
ALLOWED_HOSTS = ['demo.weblate.org']
```

Alternatively you can include wildcard:

```
ALLOWED_HOSTS = ['*']
```

Ver también:

ALLOWED_HOSTS, *WEBLATE_ALLOWED_HOSTS*, *Allowed hosts setup*

SESSION_ENGINE

Configure how your sessions will be stored. In case you keep the default database backend engine, you should schedule: **weblate clearsessions** to remove stale session data from the database.

If you are using Redis as cache (see *Enable caching*) it is recommended to use it for sessions as well:

```
SESSION_ENGINE = 'django.contrib.sessions.backends.cache'
```

Ver también:

Configuring the session engine, SESSION_ENGINE

DATABASES

Connectivity to database server, please check Django's documentation for more details.

Ver también:

Configuración de base de datos para Weblate, DATABASES, Databases

DEBUG

Disable this for any production server. With debug mode enabled, Django will show backtraces in case of error to users, when you disable it, errors will be sent per e-mail to ADMINS (see above).

Debug mode also slows down Weblate, as Django stores much more info internally in this case.

Ver también:

DEBUG

DEFAULT_FROM_EMAIL

E-mail sender address for outgoing e-mail, for example registration e-mails.

Ver también:

DEFAULT_FROM_EMAIL

SECRET_KEY

Key used by Django to sign some info in cookies, see *Clave secreta de Django* for more info.

Ver también:

SECRET_KEY

SERVER_EMAIL

E-mail used as sender address for sending e-mails to the administrator, for example notifications on failed merges.

Ver también:

SERVER_EMAIL

2.1.8 Filling up the database

After your configuration is ready, you can run `weblate migrate` to create the database structure. Now you should be able to create translation projects using the admin interface.

In case you want to run an installation non interactively, you can use `weblate migrate --noinput`, and then create an admin user using `createadmin` command.

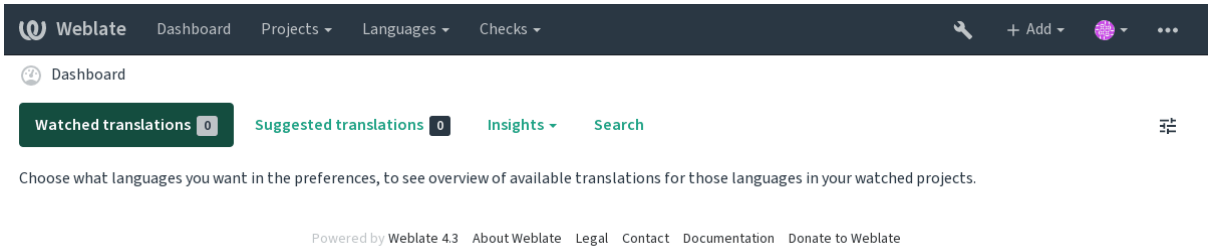
Once you are done, you should also check the *Performance report* in the admin interface, which will give you hints of potential non optimal configuration on your site.

Ver también:

Configuración, *Control de acceso*

2.1.9 Puesta en marcha de entorno de producción

For a production setup you should carry out adjustments described in the following sections. The most critical settings will trigger a warning, which is indicated by an exclamation mark in the top bar if signed in as a superuser:



It is also recommended to inspect checks triggered by Django (though you might not need to fix all of them):

```
weblate check --deploy
```

Ver también:

Deployment checklist

Desactivar el modo de depuración

Ejecute esto para desactivar el modo de depuración (`DEBUG`) de Django:

```
DEBUG = False
```

Con el modo de depuración activado, Django almacena todas las consultas ejecutadas y muestra a los usuarios el seguimiento regresivo de los errores, lo cual no es deseable en un entorno de producción.

Ver también:

Adjusting configuration

Properly configure admins

Set the correct admin addresses to the *ADMINS* setting to defining who will receive e-mails in case something goes wrong on the server, for example:

```
ADMINS = (
    ('Your Name', 'your_email@example.com'),
)
```

Ver también:

Adjusting configuration

Set correct site domain

Adjust site name and domain in the admin interface, otherwise links in RSS or registration e-mails will not work. This is configured using *SITE_DOMAIN* which should contain site domain name.

Distinto en la versión 4.2: Prior to the 4.2 release the Django sites framework was used instead, please see The "sites" framework.

Ver también:

Allowed hosts setup, *Correctly configure HTTPS* *SITE_DOMAIN*, *WEBLATE_SITE_DOMAIN*, *ENABLE_HTTPS*

Correctly configure HTTPS

It is strongly recommended to run Weblate using the encrypted HTTPS protocol. After enabling it, you should set *ENABLE_HTTPS* in the settings:

```
ENABLE_HTTPS = True
```

Consejo: You might want to set up HSTS as well, see SSL/HTTPS for more details.

Ver también:

ENABLE_HTTPS, *Allowed hosts setup*, *Set correct site domain*

Set properly SECURE_HSTS_SECONDS

If your site is served over SSL, you have to consider setting a value for `SECURE_HSTS_SECONDS` in the `settings.py` to enable HTTP Strict Transport Security. By default it's set to 0 as shown below.

```
SECURE_HSTS_SECONDS = 0
```

If set to a non-zero integer value, the `django.middleware.security.SecurityMiddleware` sets the HTTP Strict Transport Security header on all responses that do not already have it.

Advertencia: Setting this incorrectly can irreversibly (for some time) break your site. Read the HTTP Strict Transport Security documentation first.

Use a powerful database engine

Please use PostgreSQL for a production environment, see *Configuración de base de datos para Weblate* for more info.

Ver también:

Configuración de base de datos para Weblate, *Migrating from other databases to PostgreSQL*, *Adjusting configuration*, Databases

Enable caching

If possible, use Redis from Django by adjusting the `CACHES` configuration variable, for example:

```
CACHES = {
    'default': {
        'BACKEND': 'django_redis.cache.RedisCache',
        'LOCATION': 'redis://127.0.0.1:6379/0',
        # If redis is running on same host as Weblate, you might
        # want to use unix sockets instead:
        # 'LOCATION': 'unix:///var/run/redis/redis.sock?db=0',
        'OPTIONS': {
            'CLIENT_CLASS': 'django_redis.client.DefaultClient',
            'PARSER_CLASS': 'redis.connection.HiredisParser',
        }
    }
}
```

Ver también:

Caché de avatars, Django's cache framework

Caché de avatars

In addition to caching of Django, Weblate performs caching of avatars. It is recommended to use a separate, file-backed cache for this purpose:

```
CACHES = {
    'default': {
        # Default caching backend setup, see above
        'BACKEND': 'django_redis.cache.RedisCache',
        'LOCATION': 'unix:///var/run/redis/redis.sock?db=0',
        'OPTIONS': {
            'CLIENT_CLASS': 'django_redis.client.DefaultClient',
            'PARSER_CLASS': 'redis.connection.HiredisParser',
        }
    },
    'avatar': {
        'BACKEND': 'django.core.cache.backends.filebased.FileBasedCache',
        'LOCATION': os.path.join(DATA_DIR, 'avatar-cache'),
        'TIMEOUT': 604800,
        'OPTIONS': {
            'MAX_ENTRIES': 1000,
        },
    }
```

Ver también:

`ENABLE_AVATARS`, `AVATAR_URL_PREFIX`, *Avatars*, *Enable caching*, Django's cache framework

Configure e-mail sending

Weblate needs to send out e-mails on several occasions, and these e-mails should have a correct sender address, please configure *SERVER_EMAIL* and *DEFAULT_FROM_EMAIL* to match your environment, for example:

```
SERVER_EMAIL = 'admin@example.org'
DEFAULT_FROM_EMAIL = 'weblate@example.org'
```

Nota: To disable sending e-mails by Weblate set `EMAIL_BACKEND` to `django.core.mail.backends.dummy.EmailBackend`.

This will disable *all* e-mail delivery including registration or password reset e-mails.

Ver también:

Adjusting configuration, *Configurar el correo electrónico saliente*, `EMAIL_BACKEND`, `DEFAULT_FROM_EMAIL`, `SERVER_EMAIL`

Allowed hosts setup

Django requires *ALLOWED_HOSTS* to hold a list of domain names your site is allowed to serve, leaving it empty will block any requests.

In case this is not configured to match your HTTP server, you will get errors like `Invalid HTTP_HOST header: '1.1.1.1'. You may need to add '1.1.1.1' to ALLOWED_HOSTS.`

Consejo: On Docker container, this is available as *WEBLATE_ALLOWED_HOSTS*.

Ver también:

ALLOWED_HOSTS, *WEBLATE_ALLOWED_HOSTS*, *Set correct site domain*

Clave secreta de Django

The *SECRET_KEY* setting is used by Django to sign cookies, and you should really generate your own value rather than using the one from the example setup.

You can generate a new key using `weblate/examples/generate-secret-key` shipped with Weblate.

Ver también:

SECRET_KEY

Directorio del usuario

Distinto en la versión 2.1: This is no longer required, Weblate now stores all its data in *DATA_DIR*.

The home directory for the user running Weblate should exist and be writable by this user. This is especially needed if you want to use SSH to access private repositories, but Git might need to access this directory as well (depending on the Git version you use).

You can change the directory used by Weblate in `settings.py`, for example to set it to `configuration` directory under the Weblate tree:

```
os.environ['HOME'] = os.path.join(BASE_DIR, 'configuration')
```

Nota: On Linux, and other UNIX like systems, the path to user's home directory is defined in `/etc/passwd`. Many distributions default to a non-writable directory for users used for serving web content (such as `apache`, `www-data` or `wwwrun`), so you either have to run Weblate under a different user, or change this setting.

Ver también:

Accessing repositories

Carga de plantillas

It is recommended to use a cached template loader for Django. It caches parsed templates and avoids the need to do parsing with every single request. You can configure it using the following snippet (the `loaders` setting is important here):

```
TEMPLATES = [
    {
        'BACKEND': 'django.template.backends.django.DjangoTemplates',
        'DIRS': [
            os.path.join(BASE_DIR, 'templates'),
        ],
        'OPTIONS': {
            'context_processors': [
                'django.contrib.auth.context_processors.auth',
                'django.template.context_processors.debug',
                'django.template.context_processors.i18n',
                'django.template.context_processors.request',
                'django.template.context_processors.csrf',
                'django.contrib.messages.context_processors.messages',
                'weblate.trans.context_processors.weblate_context',
            ],
            'loaders': [
                ('django.template.loaders.cached.Loader', [
                    'django.template.loaders.filesystem.Loader',
                    'django.template.loaders.app_directories.Loader',
                ]),
            ],
        },
    },
]
```

Ver también:

`django.template.loaders.cached.Loader`

Efectuar tareas de mantenimiento

For optimal performance, it is good idea to run some maintenance tasks in the background. This is now automatically done by *Tareas en segundo plano con Celery* and covers following tasks:

- Configuration health check (hourly).
- Committing pending changes (hourly), see *Consignas diferidas* and `commit_pending`.
- Updating component alerts (daily).
- Update remote branches (nightly), see `AUTO_UPDATE`.
- Translation memory backup to JSON (daily), see `dump_memory`.
- Fulltext and database maintenance tasks (daily and weekly tasks), see `cleanuptrans`.

Distinto en la versión 3.2: Since version 3.2, the default way of executing these tasks is using Celery and Weblate already comes with proper configuration, see *Tareas en segundo plano con Celery*.

System locales and encoding

The system locales should be configured to UTF-8 capable ones. On most Linux distributions this is the default setting. In case it is not the case on your system, please change locales to UTF-8 variant.

For example by editing `/etc/default/locale` and setting there `LANG="C.UTF-8"`.

In some cases the individual services have separate configuration for locales. For example when using Apache you might want to set it in `/etc/apache2/envvars`:

```
export LANG='en_US.UTF-8'
export LC_ALL='en_US.UTF-8'
```

Using custom certificate authority

Weblate does verify SSL certificates during HTTP requests. In case you are using custom certificate authority which is not trusted in default bundles, you will have to add its certificate as trusted.

The preferred approach is to do this at system level, please check your distro documentation for more details (for example on debian this can be done by placing the CA certificate into `/usr/local/share/ca-certificates/` and running **`update-ca-certificates`**).

Once this is done, system tools will trust the certificate and this includes Git.

For Python code, you will need to configure requests to use system CA bundle instead of the one shipped with it. This can be achieved by placing following snippet to `settings.py` (the path is Debian specific):

```
import os
os.environ["REQUESTS_CA_BUNDLE"] = "/etc/ssl/certs/ca-certificates.crt"
```

Compressing client assets

Weblate comes with a bunch of JavaScript and CSS files. For performance reasons it is good to compress them before sending to a client. In default configuration this is done on the fly at cost of little overhead. On big installations, it is recommended to enable offline compression mode. This needs to be done in the configuration and the compression has to be triggered on every Weblate upgrade.

The configuration switch is simple by enabling `django.conf.settings.COMPRESS_OFFLINE` and configuring `django.conf.settings.COMPRESS_OFFLINE_CONTEXT` (the latter is already included in the example configuration):

```
COMPRESS_OFFLINE = True
```

On each deploy you need to compress the files to match current version:

```
weblate compress
```

Consejo: La imagen oficial para Docker ya tiene activada esta funcionalidad.

Ver también:

Common Deployment Scenarios, *Serving static files*

2.1.10 Running server

You will need several services to run Weblate, the recommended setup consists of:

- Database server (see *Configuración de base de datos para Weblate*)
- Cache server (see *Enable caching*)
- Frontend web server for static files and SSL termination (see *Serving static files*)
- Wsgi server for dynamic content (see *Sample configuration for NGINX and uWSGI*)
- Celery for executing background tasks (see *Tareas en segundo plano con Celery*)

Nota: There are some dependencies between the services, for example cache and database should be running when starting up Celery or uwsgi processes.

In most cases, you will run all services on single (virtual) server, but in case your installation is heavy loaded, you can split up the services. The only limitation on this is that Celery and Wsgi servers need access to `DATA_DIR`.

Running web server

Running Weblate is not different from running any other Django based program. Django is usually executed as uWSGI or fcgi (see examples for different webservers below).

For testing purposes, you can use the built-in web server in Django:

```
weblate runserver
```

Advertencia: DO NOT USE THIS SERVER IN A PRODUCTION SETTING. It has not gone through security audits or performance tests. See also Django documentation on `runserver`.

Consejo: The Django built-in server serves static files only with `DEBUG` enabled as it is intended for development only. For production use, please see wsgi setups in *Sample configuration for NGINX and uWSGI*, *Sample configuration for Apache*, *Sample configuration for Apache and Gunicorn*, and *Serving static files*.

Serving static files

Distinto en la versión 2.4: Prior to version 2.4, Weblate didn't properly use the Django static files framework and the setup was more complex.

Django needs to collect its static files in a single directory. To do so, execute `weblate collectstatic --noinput`. This will copy the static files into a directory specified by the `STATIC_ROOT` setting (this defaults to a `static` directory inside `DATA_DIR`).

It is recommended to serve static files directly from your web server, you should use that for the following paths:

`/static/` Serves static files for Weblate and the admin interface (from defined by `STATIC_ROOT`).

`/media/` Used for user media uploads (e.g. screenshots).

`/favicon.ico` Should be rewritten to rewrite a rule to serve `/static/favicon.ico`.

Ver también:

Compressing client assets, Deploying Django, Deploying static files

Content security policy

The default Weblate configuration enables `weblate.middleware.SecurityMiddleware` middleware which sets security related HTTP headers like `Content-Security-Policy` or `X-XSS-Protection`. These are by default set up to work with Weblate and its configuration, but this might need customization for your environment.

Ver también:

CSP_SCRIPT_SRC, *CSP_IMG_SRC*, *CSP_CONNECT_SRC*, *CSP_STYLE_SRC*, *CSP_FONT_SRC*

Sample configuration for NGINX and uWSGI

To run production webserver, use the wsgi wrapper installed with Weblate (in virtual env case it is installed as `~/weblate-env/lib/python3.7/site-packages/weblate/wsgi.py`). Don't forget to set the Python search path to your virtualenv as well (for example using `virtualenv = /home/user/weblate-env` in uWSGI).

The following configuration runs Weblate as uWSGI under the NGINX webserver.

Configuration for NGINX (also available as `weblate/examples/weblate.nginx.conf`):

```
# This example assumes Weblate is installed in virtualenv in /home/weblate/weblate-
↪env
# and DATA_DIR is set to /home/weblate/data, please adjust paths to match your␣
↪setup.
server {
    listen 80;
    server_name weblate;
    # Not used
    root /var/www/html;

    location ~ ^/favicon.ico$ {
        # DATA_DIR/static/favicon.ico
        alias /home/weblate/data/static/favicon.ico;
        expires 30d;
    }

    location /static/ {
        # DATA_DIR/static/
        alias /home/weblate/data/static/;
        expires 30d;
    }

    location /media/ {
        # DATA_DIR/media/
        alias /home/weblate/data/media/;
        expires 30d;
    }

    location / {
        include uwsgi_params;
        # Needed for long running operations in admin interface
        uwsgi_read_timeout 3600;
        # Adjust based to uwsgi configuration:
        uwsgi_pass unix:///run/uwsgi/app/weblate/socket;
        # uwsgi_pass 127.0.0.1:8080;
    }
}
```

Configuration for uWSGI (also available as `weblate/examples/weblate.uwsgi.ini`):

```
# This example assumes Weblate is installed in virtualenv in /home/weblate/weblate-
↪env
# and DATA_DIR is set to /home/weblate/data, please adjust paths to match your␣
↪setup.
[uwsgi]
plugins       = python3
master        = true
protocol      = uwsgi
socket        = 127.0.0.1:8080
wsgi-file     = /home/weblate/weblate-env/lib/python3.7/site-packages/weblate/wsgi.
↪py

# Add path to Weblate checkout if you did not install
# Weblate by pip
# python-path   = /path/to/weblate

# In case you're using virtualenv uncomment this:
virtualenv = /home/weblate/weblate-env

# Needed for OAuth/OpenID
buffer-size   = 8192

# Reload when consuming too much of memory
reload-on-rss = 250

# Increase number of workers for heavily loaded sites
workers       = 8

# Enable threads for Sentry error submission
enable-threads = true

# Child processes do not need file descriptors
close-on-exec = true

# Avoid default 0000 umask
umask = 0022

# Run as weblate user
uid = weblate
gid = weblate

# Enable harakiri mode (kill requests after some time)
# harakiri = 3600
# harakiri-verbose = true

# Enable uWSGI stats server
# stats = :1717
# stats-http = true

# Do not log some errors caused by client disconnects
ignore-sigpipe = true
ignore-write-errors = true
disable-write-exception = true
```

Ver también:

How to use Django with uWSGI

Sample configuration for Apache

The following configuration runs Weblate as WSGI, you need to have enabled mod_wsgi (available as `weblate/examples/apache.conf`):

```
#
# VirtualHost for Weblate
#
# This example assumes Weblate is installed in virtualenv in /home/weblate/weblate-
↪env
# and DATA_DIR is set to /home/weblate/data, please adjust paths to match your␣
↪setup.
#
<VirtualHost *:80>
    ServerAdmin admin@weblate.example.org
    ServerName weblate.example.org

    # DATA_DIR/static/favicon.ico
    Alias /favicon.ico /home/weblate/data/static/favicon.ico

    # DATA_DIR/static/
    Alias /static/ /home/weblate/data/static/
    <Directory /home/weblate/data/static/>
        Require all granted
    </Directory>

    # DATA_DIR/media/
    Alias /media/ /home/weblate/data/media/
    <Directory /home/weblate/data/media/>
        Require all granted
    </Directory>

    # Path to your Weblate virtualenv
    WSGIDaemonProcess weblate python-home=/home/weblate/weblate-env
    WSGIProcessGroup weblate
    WSGIApplicationGroup %{GLOBAL}

    WSGIScriptAlias / /home/weblate/weblate-env/lib/python3.7/site-packages/
↪weblate/wsgi.py process-group=weblate
    WSGIPassAuthorization On

    <Directory /home/weblate/weblate-env/lib/python3.7/site-packages/weblate/>
        <Files wsgi.py>
        Require all granted
        </Files>
    </Directory>

</VirtualHost>
```

Nota: Weblate requires Python 3, so please make sure you are running Python 3 variant of the modwsgi. Usually it is available as a separate package, for example `libapache2-mod-wsgi-py3`.

Ver también:

System locales and encoding, How to use Django with Apache and mod_wsgi

Sample configuration for Apache and Gunicorn

The following configuration runs Weblate in Gunicorn and Apache 2.4 (available as `weblate/examples/apache.gunicorn.conf`):

```
#
# VirtualHost for Weblate using gunicorn on localhost:8000
#
# This example assumes Weblate is installed in virtualenv in /home/weblate/weblate-
↪env
# and DATA_DIR is set to /home/weblate/data, please adjust paths to match your␣
↪setup.
#
<VirtualHost *:443>
    ServerAdmin admin@weblate.example.org
    ServerName weblate.example.org

    # DATA_DIR/static/favicon.ico
    Alias /favicon.ico /home/weblate/data/static/favicon.ico

    # DATA_DIR/static/
    Alias /static/ /home/weblate/data/static/
    <Directory /home/weblate/data/static/>
        Require all granted
    </Directory>

    # DATA_DIR/media/
    Alias /media/ /home/weblate/data/media/
    <Directory /home/weblate/data/media/>
        Require all granted
    </Directory>

    SSLEngine on
    SSLCertificateFile /etc/apache2/ssl/https_cert.cert
    SSLCertificateKeyFile /etc/apache2/ssl/https_key.pem
    SSLProxyEngine On

    ProxyPass /favicon.ico !
    ProxyPass /static/ !
    ProxyPass /media/ !

    ProxyPass / http://localhost:8000/
    ProxyPassReverse / http://localhost:8000/
    ProxyPreserveHost On
</VirtualHost>
```

Ver también:

How to use Django with Gunicorn

Running Weblate under path

Distinto en la versión 1.3: This is supported since Weblate 1.3.

A sample Apache configuration to serve Weblate under `/weblate`. Again using mod_wsgi (also available as `weblate/examples/apache-path.conf`):

```
#
# VirtualHost for Weblate, running under /weblate path
#
# This example assumes Weblate is installed in virtualenv in /home/weblate/weblate-
↪env
```

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```
# and DATA_DIR is set to /home/weblate/data, please adjust paths to match your␣
↪setup.
#
<VirtualHost *:80>
    ServerAdmin admin@weblate.example.org
    ServerName weblate.example.org

    # DATA_DIR/static/favicon.ico
    Alias /weblate/favicon.ico /home/weblate/data/static/favicon.ico

    # DATA_DIR/static/
    Alias /weblate/static/ /home/weblate/data/static/
    <Directory /home/weblate/data/static/>
        Require all granted
    </Directory>

    # DATA_DIR/media/
    Alias /weblate/media/ /home/weblate/data/media/
    <Directory /home/weblate/data/media/>
        Require all granted
    </Directory>

    # Path to your Weblate virtualenv
    WSGIDaemonProcess weblate python-home=/home/weblate/weblate-env
    WSGIProcessGroup weblate
    WSGIApplicationGroup %{GLOBAL}

    WSGIScriptAlias /weblate /home/weblate/weblate-env/lib/python3.7/site-packages/
↪weblate/wsgi.py process-group=weblate
    WSGIPassAuthorization On

    <Directory /home/weblate/weblate-env/lib/python3.7/site-packages/weblate/>
        <Files wsgi.py>
        Require all granted
        </Files>
    </Directory>

</VirtualHost>
```

Additionally, you will have to adjust `weblate/settings.py`:

```
URL_PREFIX = '/weblate'
```

2.1.11 Tareas en segundo plano con Celery

Nuevo en la versión 3.2.

Weblate uses Celery to process background tasks. The example settings come with eager configuration, which does process all tasks in place, but you want to change this to something more reasonable for a production setup.

A typical setup using Redis as a backend looks like this:

```
CELERY_TASK_ALWAYS_EAGER = False
CELERY_BROKER_URL = 'redis://localhost:6379'
CELERY_RESULT_BACKEND = CELERY_BROKER_URL
```

You should also start the Celery worker to process the tasks and start scheduled tasks, this can be done directly on the command line (which is mostly useful when debugging or developing):

```
./weblate/examples/celery start
./weblate/examples/celery stop
```

Running Celery as system service

Most likely you will want to run Celery as a daemon and that is covered by Daemonization. For the most common Linux setup using systemd, you can use the example files shipped in the `examples` folder listed below.

Systemd unit to be placed as `/etc/systemd/system/celery-weblate.service`:

```
[Unit]
Description=Celery Service (Weblate)
After=network.target

[Service]
Type=forking
User=weblate
Group=weblate
EnvironmentFile=/etc/default/celery-weblate
WorkingDirectory=/home/weblate
RuntimeDirectory=celery
RuntimeDirectoryPreserve=restart
LogsDirectory=celery
ExecStart=/bin/sh -c '${CELERY_BIN} multi start ${CELERYD_NODES} \
  -A ${CELERY_APP} --pidfile=${CELERYD_PID_FILE} \
  --logfile=${CELERYD_LOG_FILE} --loglevel=${CELERYD_LOG_LEVEL} ${CELERYD_OPTS}'
ExecStop=/bin/sh -c '${CELERY_BIN} multi stopwait ${CELERYD_NODES} \
  --pidfile=${CELERYD_PID_FILE}'
ExecReload=/bin/sh -c '${CELERY_BIN} multi restart ${CELERYD_NODES} \
  -A ${CELERY_APP} --pidfile=${CELERYD_PID_FILE} \
  --logfile=${CELERYD_LOG_FILE} --loglevel=${CELERYD_LOG_LEVEL} ${CELERYD_OPTS}'

[Install]
WantedBy=multi-user.target
```

Environment configuration to be placed as `/etc/default/celery-weblate`:

```
# Name of nodes to start
CELERYD_NODES="celery notify memory backup translate"

# Absolute or relative path to the 'celery' command:
CELERY_BIN="/home/weblate/weblate-env/bin/celery"

# App instance to use
# comment out this line if you don't use an app
CELERY_APP="weblate.utils"

# Extra command-line arguments to the worker,
# increase concurency if you get weblate.E019
CELERYD_OPTS="--beat:celery --queues:celery=celery --prefetch-multiplier:celery=4 \
    --queues:notify=notify --prefetch-multiplier:notify=10 \
    --queues:memory=memory --prefetch-multiplier:memory=10 \
    --queues:translate=translate --prefetch-multiplier:translate=4 \
    --concurrency:backup=1 --queues:backup=backup  --prefetch-multiplier:backup=2"

# Logging configuration
# - %n will be replaced with the first part of the nodename.
# - %I will be replaced with the current child process index
#   and is important when using the prefork pool to avoid race conditions.
CELERYD_PID_FILE="/var/run/celery/weblate-%n.pid"
CELERYD_LOG_FILE="/var/log/celery/weblate-%n%I.log"
```

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```
CELERYD_LOG_LEVEL="INFO"

# Internal Weblate variable to indicate we're running inside Celery
CELERY_WORKER_RUNNING="1"
```

Logrotate configuration to be placed as `/etc/logrotate.d/celery`:

```
/var/log/celery/*.log {
        weekly
        missingok
        rotate 12
        compress
        notifempty
}
```

Nota: The Celery process has to be executed under the same user as Weblate and the WSGI process, otherwise files in the `DATA_DIR` will be stored with mixed ownership, leading to runtime issues.

Periodic tasks using Celery beat

Weblate comes with built-in setup for scheduled tasks. You can however define additional tasks in `settings.py`, for example see *Consignas diferidas*.

The tasks are supposed to be executed by Celery beats daemon. In case it is not working properly, it might not be running or its database was corrupted. Check the Celery startup logs in such case to figure out root cause.

Monitoring Celery status

You can use `celery_queues` to see current length of Celery task queues. In case the queue will get too long, you will also get configuration error in the admin interface.

Advertencia: The Celery errors are by default only logged into Celery log and are not visible to user. In case you want to have overview on such failures, it is recommended to configure *Collecting error reports*.

Ver también:

Configuration and defaults, Workers Guide, Daemonization, Monitoring and Management Guide, `celery_queues`

2.1.12 Monitoring Weblate

Weblate provides the `/healthz/` URL to be used in simple health checks, for example using Kubernetes.

2.1.13 Collecting error reports

Weblate, as any other software, can fail. In order to collect useful failure states we recommend to use third party services to collect such information. This is especially useful in case of failing Celery tasks, which would otherwise only report error to the logs and you won't get notified on them. Weblate has support for the following services:

Sentry

Weblate has built-in support for Sentry. To use it, it's enough to set *SENTRY_DSN* in the `settings.py`:

```
SENTRY_DSN = "https://id@your.sentry.example.com/"
```

Rollbar

Weblate has built-in support for Rollbar. To use it, it's enough to follow instructions for Rollbar notifier for Python.

In short, you need to adjust `settings.py`:

```
# Add rollbar as last middleware:
MIDDLEWARE = [
    # … other middleware classes …
    'rollbar.contrib.django.middleware.RollbarNotifierMiddleware',
]

# Configure client access
ROLLBAR = {
    'access_token': 'POST_SERVER_ITEM_ACCESS_TOKEN',
    'client_token': 'POST_CLIENT_ITEM_ACCESS_TOKEN',
    'environment': 'development' if DEBUG else 'production',
    'branch': 'master',
    'root': '/absolute/path/to/code/root',
}
```

Everything else is integrated automatically, you will now collect both server and client side errors.

2.1.14 Migrating Weblate to another server

Migrating Weblate to another server should be pretty easy, however it stores data in few locations which you should migrate carefully. The best approach is to stop Weblate for the migration.

Migrating database

Depending on your database backend, you might have several options to migrate the database. The most straightforward one is to dump the database on one server and import it on the new one. Alternatively you can use replication in case your database supports it.

The best approach is to use database native tools, as they are usually the most effective (e.g. **mysqldump** or **pg_dump**). If you want to migrate between different databases, the only option might be to use Django management to dump and import the database:

```
# Export current data
weblate dumpdata > /tmp/weblate.dump
# Import dump
weblate loaddata /tmp/weblate.dump
```

Migrating VCS repositories

The VCS repositories stored under `DATA_DIR` need to be migrated as well. You can simply copy them or use **`rsync`** to do the migration more effectively.

Otras notas

No olvide trasladar los otros servicios que Weblate esté utilizando, como Redis, las tareas de Cron o los dorsales de autenticación personalizados.

2.2 Implantaciones de Weblate

Es sencillo instalar Weblate en su nube. Consulte la guía detallada correspondiente a su plataforma:

- *Instalar con Docker*
- *Instalar en OpenShift*

2.2.1 Helm Chart

Puede instalar Weblate en Kubernetes con la ayuda de Helm. Vea <https://github.com/WeblateOrg/helm/tree/master/charts/weblate> para obtener instrucciones detalladas.

2.2.2 Pila de Weblate para Bitnami

Bitnami provides a Weblate stack for many platforms at <https://bitnami.com/stack/weblate>. The setup will be adjusted during installation, see <https://bitnami.com/stack/weblate/README.txt> for more documentation.

2.2.3 Weblate en YunoHost

The self-hosting project YunoHost provides a package for Weblate. Once you have your YunoHost installation, you may install Weblate as any other application. It will provide you with a fully working stack with backup and restoration, but you may still have to edit your settings file for specific usages.

You may use your administration interface, or this button (it will bring you to your server):

También se puede utilizar la interfaz de línea de órdenes:

```
yunohost app install https://github.com/YunoHost-Apps/weblate_ynh
```

2.3 Actualizar Weblate

2.3.1 Docker image upgrades

The official Docker image (see *Instalar con Docker*) has all upgrade steps integrated. There are no manual step besides pulling latest version.

2.3.2 Instrucciones de actualización genéricas

Before upgrading, please check the current *Requisitos de software* as they might have changed. Once all requirements are installed or updated, please adjust your `settings.py` to match changes in the configuration (consult `settings_example.py` for correct values).

Always check *Version specific instructions* before upgrade. In case you are skipping some versions, please follow instructions for all versions you are skipping in the upgrade. Sometimes it's better to upgrade to some intermediate version to ensure a smooth migration. Upgrading across multiple releases should work, but is not as well tested as single version upgrades.

Nota: It is recommended to perform a full database backup prior to upgrade so that you can roll back the database in case upgrade fails, see *Backing up and moving Weblate*.

1. Stop wsgi and Celery processes. The upgrade can perform incompatible changes in the database, so it is always safer to avoid old processes running while upgrading.
2. Upgrade Weblate code.

   For pip installs it can be achieved by:

   ```
   pip install -U Weblate
   ```

   With Git checkout you need to fetch new source code and update your installation:

   ```
   cd weblate-src
   git pull
   # Update Weblate inside your virtualenv
   . ~/weblate-env/bin/pip install -e .
   # Install dependencies directly when not using virtualenv
   pip install --upgrade -r requirements.txt
   ```

3. Upgrade configuration file, refer to `settings_example.py` or *Version specific instructions* for needed steps.
4. Upgrade database structure:

   ```
   weblate migrate --noinput
   ```

5. Collect updated static files (see *Running server* and *Serving static files*):

   ```
   weblate collectstatic --noinput
   ```

6. Compress JavaScript and CSS files (optional, see *Compressing client assets*):

   ```
   weblate compress
   ```

7. If you are running version from Git, you should also regenerate locale files every time you are upgrading. You can do this by invoking:

   ```
   weblate compilemessages
   ```

8. Verify that your setup is sane (see also *Puesta en marcha de entorno de producción*):

```
weblate check --deploy
```

9. Restart celery worker (see *Tareas en segundo plano con Celery*).

2.3.3 Version specific instructions

Upgrade from 2.x

If you are upgrading from 2.x release, always first upgrade to 3.0.1 and then continue upgrading in the 3.x series. Upgrades skipping this step are not supported and will break.

Ver también:

Upgrade from 2.20 to 3.0 in Weblate 3.0 documentation

Upgrade from 3.x

If you are upgrading from 3.x release, always first upgrade to 4.0.4 or 4.1.1 and then continue upgrading in the 4.x series. Upgrades skipping this step are not supported and will break.

Ver también:

Upgrade from 3.11 to 4.0 in Weblate 4.0 documentation

Upgrade from 4.0 to 4.1

Please follow *Instrucciones de actualización genéricas* in order to perform update.

Notable configuration or dependencies changes:

- There are several changes in `settings_example.py`, most notable middleware changes, please adjust your settings accordingly.
- There are new file formats, you might want to include them in case you modified the `WEBLATE_FORMATS`.
- There are new quality checks, you might want to include them in case you modified the `CHECK_LIST`.
- There is change in `DEFAULT_THROTTLE_CLASSES` setting to allow reporting of rate limiting in the API.
- There are some new and updated requirements.
- There is a change in `INSTALLED_APPS`.
- The *DeepL* machine translation now defaults to v2 API, you might need to adjust `MT_DEEPL_API_VERSION` in case your current DeepL subscription does not support that.

Ver también:

Instrucciones de actualización genéricas

Upgrade from 4.1 to 4.2

Please follow *Instrucciones de actualización genéricas* in order to perform update.

Notable configuration or dependencies changes:

- Upgrade from 3.x releases is not longer supported, please upgrade to 4.0 or 4.1 first.
- There are some new and updated requirements.
- There are several changes in `settings_example.py`, most notable new middleware and changed application ordering.
- The keys for JSON based formats no longer include leading dot. The strings are adjusted during the database migration, but external components might need adjustment in case you rely on keys in exports or API.
- The Celery configuration was changed to no longer use `memory` queue. Please adjust your startup scripts and `CELERY_TASK_ROUTES` setting.
- The Weblate domain is now configured in the settings, see *SITE_DOMAIN* (or *WEBLATE_SITE_DOMAIN*). You will have to configure it before running Weblate.
- The username and email fields on user database now should be case insensitive unique. It was mistakenly not enforced with PostgreSQL.

Ver también:

Instrucciones de actualización genéricas

Upgrade from 4.2 to 4.3

Please follow *Instrucciones de actualización genéricas* in order to perform update.

Notable configuration or dependencies changes:

- There are some changes in quality checks, you might want to include them in case you modified the *CHECK_LIST*.
- The source language attribute was moved from project to a component what is exposed in the API. You will need to update *Cliente de Weblate* in case you are using it.
- The database migration to 4.3 might take long depending on number of strings you are translating (expect around one hour of migration time per 100,000 source strings).
- There is a change in `INSTALLED_APPS`.
- There is a new setting *SESSION_COOKIE_AGE_AUTHENTICATED* which complements `SESSION_COOKIE_AGE`.
- In case you were using **`hub`** or **`lab`** to integrate with GitHub or GitLab, you will need to reconfigure this, see *GITHUB_CREDENTIALS* and *GITLAB_CREDENTIALS*.
- **Changed in 4.3.1:** The Celery configuration was changed to add `memory` queue. Please adjust your startup scripts and `CELERY_TASK_ROUTES` setting.

Ver también:

Instrucciones de actualización genéricas

2.3.4 Upgrading from Python 2 to Python 3

Weblate no longer supports Python older than 3.5. In case you are still running on older version, please perform migration to Python 3 first on existing version and upgrade later. See Upgrading from Python 2 to Python 3 in the Weblate 3.11.1 documentation.

2.3.5 Migrating from other databases to PostgreSQL

If you are running Weblate on other dabatase than PostgreSQL, you should migrate to PostgreSQL as that will be the only supported database backend in the 4.0 release. The following steps will guide you in migrating your data between the databases. Please remember to stop both web and Celery servers prior to the migration, otherwise you might end up with inconsistent data.

Crear una base de datos en PostgreSQL

Suele ser una buena idea ejecutar Weblate en su propia base de datos, en una cuenta de usuario separada:

```
# If PostgreSQL was not installed before, set the main password
sudo -u postgres psql postgres -c "\password postgres"

# Create a database user called "weblate"
sudo -u postgres createuser -D -P weblate

# Create the database "weblate" owned by "weblate"
sudo -u postgres createdb -O weblate weblate
```

Migrating using Django JSON dumps

The simplest approach for migration is to utilize Django JSON dumps. This works well for smaller installations. On bigger sites you might want to use pgloader instead, see *Migrar a PostgreSQL con pgloader*.

1. Add PostgreSQL as additional database connection to the `settings.py`:

```
DATABASES = {
    'default': {
        # Database engine
        'ENGINE': 'django.db.backends.mysql',
        # Database name
        'NAME': 'weblate',
        # Database user
        'USER': 'weblate',
        # Database password
        'PASSWORD': 'password',
        # Set to empty string for localhost
        'HOST': 'database.example.com',
        # Set to empty string for default
        'PORT': '',
        # Additional database options
        'OPTIONS': {
            # In case of using an older MySQL server, which has MyISAM as a␣
↪default storage
            # 'init_command': 'SET storage_engine=INNODB',
            # Uncomment for MySQL older than 5.7:
            # 'init_command': "SET sql_mode='STRICT_TRANS_TABLES'",
            # If your server supports it, see the Unicode issues above
           'charset': 'utf8mb4',
           # Change connection timeout in case you get MySQL gone away error:
           'connect_timeout': 28800,
```

(continué en la próxima página)

(proviene de la página anterior)

```
        }
    },
    'postgresql': {
        # Database engine
        'ENGINE': 'django.db.backends.postgresql',
        # Database name
        'NAME': 'weblate',
        # Database user
        'USER': 'weblate',
        # Database password
        'PASSWORD': 'password',
        # Set to empty string for localhost
        'HOST': 'database.example.com',
        # Set to empty string for default
        'PORT': '',
    }
}
```

2. Run migrations and drop any data inserted into the tables:

```
weblate migrate --database=postgresql
weblate sqlflush --database=postgresql | weblate dbshell --database=postgresql
```

3. Dump legacy database and import to PostgreSQL

```
weblate dumpdata --all --output weblate.json
weblate loaddata weblate.json --database=postgresql
```

4. Adjust `DATABASES` to use just PostgreSQL database as default, remove legacy connection.

Weblate should be now ready to run from the PostgreSQL database.

Migrar a PostgreSQL con pgloader

The pgloader is a generic migration tool to migrate data to PostgreSQL. You can use it to migrate Weblate database.

1. Adjust your `settings.py` to use PostgreSQL as a database.
2. Migrate the schema in the PostgreSQL database:

```
weblate migrate
weblate sqlflush | weblate dbshell
```

3. Run the pgloader to transfer the data. The following script can be used to migrate the database, but you might want to learn more about pgloader to understand what it does and tweak it to match your setup:

```
LOAD DATABASE
     FROM      mysql://weblate:password@localhost/weblate
     INTO postgresql://weblate:password@localhost/weblate

WITH include no drop, truncate, create no tables, create no indexes, no␣
↪foreign keys, disable triggers, reset sequences, data only

ALTER SCHEMA 'weblate' RENAME TO 'public'
;
```

2.3.6 Migrar de Pootle

Weblate fue creado originalmente como un sustituto de Pootle, de modo que es posible migrar cuentas de usuario desde esta plataforma. Puede volcar los usuarios en Pootle e importarlos mediante `importusers`.

2.4 Backing up and moving Weblate

2.4.1 Automated backup using BorgBackup

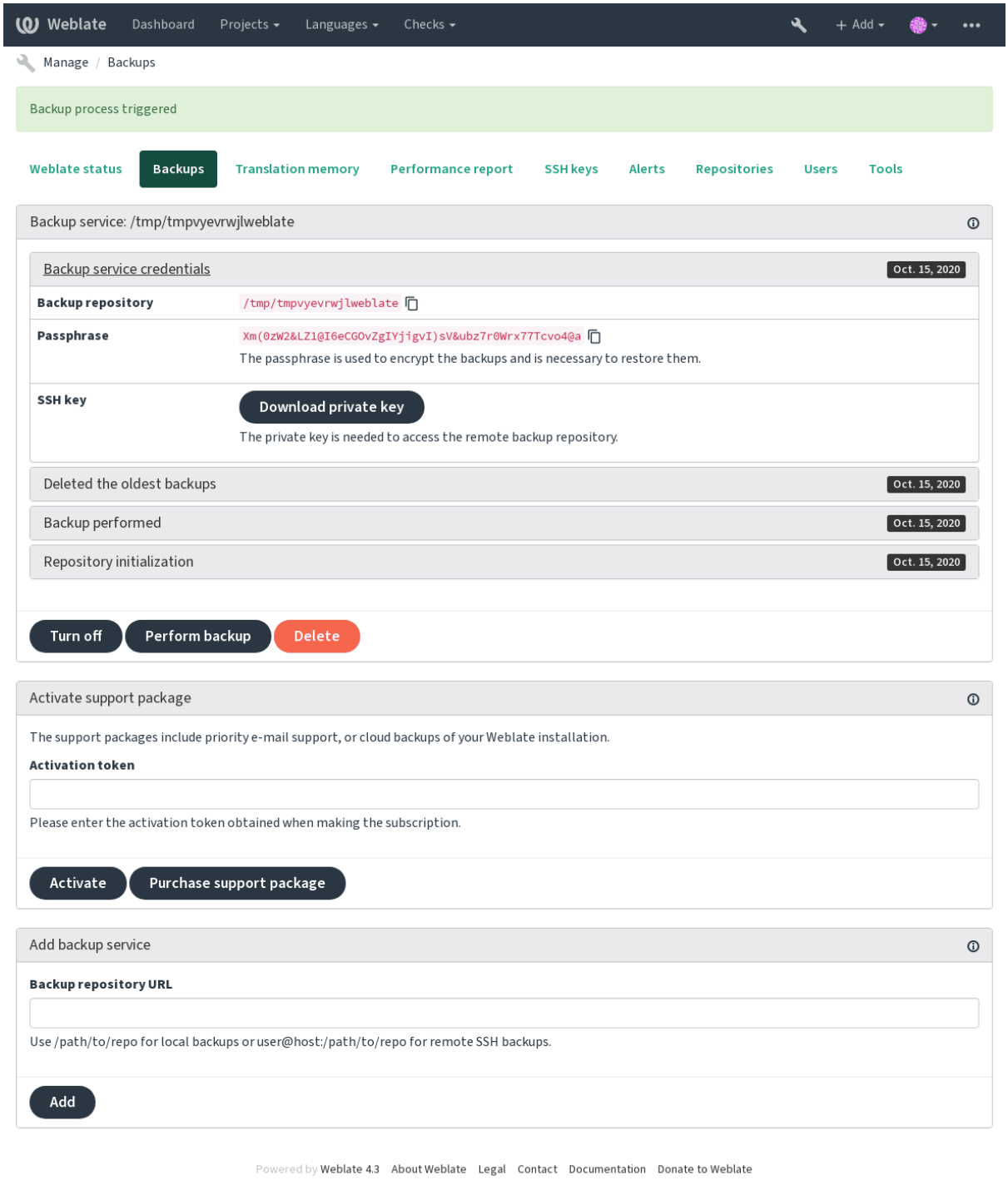
Nuevo en la versión 3.9.

Weblate has built-in support for creating service backups using BorgBackup. Borg creates space-effective encrypted backups which can be safely stored in the cloud. The backups can be controlled in the management interface on the *Backups* tab.

> **Advertencia:** Only PostgreSQL database is included in the automated backups. Other database engines have to be backed up manually. You are recommended to migrate to PostgreSQL, see *Configuración de base de datos para Weblate* and *Migrating from other databases to PostgreSQL*.

The backups using Borg are incremental and Weblate is configured to keep following backups:

- 14 daily backups
- 8 weekly backups
- 6 monthly backups



Borg encryption key

BorgBackup creates encrypted backups and without a passphrase you will not be able to restore the backup. The passphrase is generated when adding new backup service and you should copy it and keep it in a secure place.

In case you are using *Weblate provisioned backup storage*, please backup your private SSH key as well — it is used to access your backups.

Ver también:

borg init

2.4.2 Weblate provisioned backup storage

The easiest approach to backup your Weblate instance is to purchase backup service at weblate.org. The process of activating can be performed in few steps:

1. Purchase backup service on https://weblate.org/support/#backup.
2. Enter obtained key in the management interface, see *Integrating support*.
3. Weblate will connect to the cloud service and obtain access information for the backups.
4. Turn on the new backup configuration on the *Backups* tab.
5. Backup Borg credentials in order to be able to restore the backups, see *Borg encryption key*.

Consejo: The manual step of turning on is there for your safety. Without your consent no data is sent to the backup repository obtained through the registration process.

2.4.3 Utilizar un almacenamiento personalizado para los respaldos

You can also use your own storage for the backups. SSH can be used to store backups on the remote destination, the target server needs to have BorgBackup installed.

Ver también:

General en la documentación de Borg

Sistema de archivos local

Es recomendable especificar una ruta absoluta para la copia de respaldo local, como */ruta/al/respaldo*. El directorio debe ser escribible por la cuenta de usuario que ejecute Weblate (vea *Permisos del sistema de archivos*). Si no existe la ubicación, Weblate intentará crearla, pero necesita permiso para hacerlo.

Consejo: Siempre que se ejecute Weblate en Docker, hay que asegurarse de que la ubicación de las copias de respaldo esté expuesta como volumen desde el contenedor de Weblate. De otro modo, Docker descartará las copias de respaldo al momento de reiniciar el contenedor.

One option is to place backups in existing volume. For example choose `/app/data/borgbackup`. This is existing volume in the container.

You can also add new container for the backups in the Docker compose file and use for example `/borgbackup`:

```
services:
  weblate:
    volumes:
      - /home/weblate/data:/app/data
      - /home/weblate/borgbackup:/borgbackup
```

The directory where backups will be stored have to be owned by UID 1000, otherwise Weblate will not be able to write the backups there.

Copias de respaldo remotas

Se permite realizar copias de respaldo remotas a través de SSH. El servidor SSH debe tener instalado BorgBackup. Weblate se conecta con el servidor mediante la clave SSH, de modo que debe cerciorarse de que el servidor acepte la clave SSH de Weblate (vea *Clave SSH de Weblate*).

Consejo: *Weblate provisioned backup storage* le ofrece copias de respaldo automatizadas.

2.4.4 Restaurar a partir de BorgBackup

1. Restore access to your backup repository and prepare your backup passphrase.
2. List backup existing on the server using `borg list REPOSITORY`.
3. Restore the desired backup to current directory using `borg extract REPOSITORY::ARCHIVE`.
4. Restore the database from the SQL dump placed in the `backup` directory in the Weblate data dir (see *Datos volcados para las copias de respaldo*).
5. Copy Weblate configuration (`backups/settings.py`, see *Datos volcados para las copias de respaldo*) to the correct location, see *Adjusting configuration*.
6. Copy the whole restored data dir to location configured by *DATA_DIR*.

The Borg session might look like:

```
$ borg list /tmp/xxx
Enter passphrase for key /tmp/xxx:
2019-09-26T14:56:08                  Thu, 2019-09-26 14:56:08␣
↪[de0e0f13643635d5090e9896bdaceb92a023050749ad3f3350e788f1a65576a5]
$ borg extract /tmp/xxx::2019-09-26T14:56:08
Enter passphrase for key /tmp/xxx:
```

Ver también:

borg list, borg extract

2.4.5 Copia de respaldo manual

Depending on what you want to save, back up the type data Weblate stores in each respective place.

Consejo: In case you are doing manual backups, you might want to silent Weblate warning about lack of backups by adding `weblate.I028` to `SILENCED_SYSTEM_CHECKS` in `settings.py` or *WEBLATE_SILENCED_SYSTEM_CHECKS* for Docker.

```
SILENCED_SYSTEM_CHECKS.append("weblate.I028")
```

Base de datos

The actual storage location depends on your database setup.

The database is the most important storage. Set up regular backups of your database, without it all your translation setup will be gone.

Native database backup

The recommended approach is to do dump of the database using database native tools such as **pg_dump** or **mysqldump**. It usually performs better than Django backup and restores complete tables with all data.

You can restore this backup in newer Weblate release, it will perform any necessary migrations when running in `migrate`. Please consult *Actualizar Weblate* on more detailed information how to perform upgrade between versions.

Django database backup

Alternatively you can backup database using Django's `dumpdata` command. That way the backup is database agnostic and can be used in case you want to change database backend.

Prior to restoring you need to be running exactly same Weblate version as was used when doing backups. This is necessary as the database structure does change between releases and you would end up corrupting the data in some way. After installing the same version, run all database migrations using `migrate`.

Once this is done, some entries will be already created in the database and you will have them in the database backup as well. The recommended approach is to delete such entries manually using management shell (see *Invocar órdenes de gestión*):

```
weblate shell
>>> from weblate.auth.models import User
>>> User.objects.get(username='anonymous').delete()
```

Archivos

If you have enough backup space, simply backup the whole *DATA_DIR*. This is safe bet even if it includes some files you don't want. The following sections describe in detail what you should back up and what you can skip.

Datos volcados para las copias de respaldo

Almacenados en *DATA_DIR* `/backups`.

Weblate dumps various data here, and you can include these files for more complete backups. The files are updated daily (requires a running Celery beats server, see *Tareas en segundo plano con Celery*). Currently, this includes:

- Weblate settings as `settings.py` (there is also expanded version in `settings-expanded.py`).
- PostgreSQL database backup as `database.sql`.

The database backups are by default saved as plain text, but they can also be compressed or entirely skipped by using *DATABASE_BACKUP*.

Repositorios de control de versiones

Stored in *DATA_DIR* /vcs.

The version control repositories contain a copy of your upstream repositories with Weblate changes. If you have push on commit enabled for all your translation components, all Weblate changes are included upstream and you do not have to backup the repositories on the Weblate side. They can be cloned again from the upstream locations with no data loss.

Claves SSH y GPG

Stored in *DATA_DIR* /ssh and *DATA_DIR* /home.

If you are using SSH or GPG keys generated by Weblate, you should back up these locations, otherwise you will lose the private keys and you will have to regenerate new ones.

Archivos cargados por los usuarios

Stored in *DATA_DIR* /media.

You should back up user uploaded files (e.g. *Contexto visual para cadenas*).

Tareas de Celery

The Celery tasks queue might contain some info, but is usually not needed for a backup. At most you will lose updates that have not yet been processed to translation memory. It is recommended to perform the fulltext or repository updates upon restoring anyhow, so there is no problem in losing these.

Ver también:

Tareas en segundo plano con Celery

Command line for manual backup

Con la ayuda de una tarea de cron es posible montar una orden de bash que se ejecute diariamente. Por ejemplo:

```
$ XZ_OPT="-9" tar -Jcf ~/backup/weblate-backup-$(date -u +%Y-%m-%d_%H%M%S).xz␣
↪backups vcs ssh home media fonts secret
```

The string between quotes after XZ_OPT allows you to choose your xz options, for instance the amount of memory used for compression; see https://linux.die.net/man/1/xz

You can adjust the list of folders and files to your needs. For instance, to avoid saving the translation memory (in backups folder), you could use:

```
$ XZ_OPT="-9" tar -Jcf ~/backup/weblate-backup-$(date -u +%Y-%m-%d_%H%M%S).xz␣
↪backups/database.sql backups/settings.py vcs ssh home media fonts secret
```

2.4.6 Restaurar una copia de respaldo manual

1. Restaure todos los datos de los que ha hecho copia de respaldo.
2. Actualice todos los repositorios mediante `updategit`.

```
weblate updategit --all
```

2.4.7 Trasladar una instalación de Weblate

Relocate your installation to a different system by following the backup and restore instructions above.

Ver también:

Upgrading from Python 2 to Python 3, *Migrating from other databases to PostgreSQL*

2.5 Autenticación

2.5.1 Registro de usuarios

The default setup for Weblate is to use python-social-auth, a form on the website to handle registration of new users. After confirming their e-mail a new user can contribute or authenticate by using one of the third party services.

You can also turn off registration of new users using `REGISTRATION_OPEN`.

The authentication attempts are subject to *Rate limiting*.

2.5.2 Dorsales de autenticación

The built-in solution of Django is used for authentication, including various social options to do so. Using it means you can import the user database of other Django-based projects (see *Migrar de Pootle*).

Django can additionally be set up to authenticate against other means too.

Ver también:

Configuración de autenticación describes how to configure authentication in the official Docker image.

2.5.3 Autenticación social

Gracias a Welcome to Python Social Auth's documentation!, Weblate admite la autenticación a través de numerosos servicios de terceros, tales como GitLab, Ubuntu y Fedora, entre otros.

Please check their documentation for generic configuration instructions in Django Framework.

Nota: By default, Weblate relies on third-party authentication services to provide a validated e-mail address. If some of the services you want to use don't support this, please enforce e-mail validation on the Weblate side by configuring FORCE_EMAIL_VALIDATION for them. For example:

```
SOCIAL_AUTH_OPENSUSE_FORCE_EMAIL_VALIDATION = True
```

Ver también:

Pipeline

Enabling individual backends is quite easy, it's just a matter of adding an entry to the `AUTHENTICATION_BACKENDS` setting and possibly adding keys needed for a given authentication method. Please note that

some backends do not provide user e-mail by default, you have to request it explicitly, otherwise Weblate will not be able to properly credit contributions users make.

Ver también:

Dorsal de Python Social Auth

Autenticación por OpenID

Para servicios basados en OpenID basta con activarlos. En esta sección se describe cómo activar la autenticación por OpenID de OpenSUSE, Fedora y Ubuntu:

```
# Authentication configuration
AUTHENTICATION_BACKENDS = (
    'social_core.backends.email.EmailAuth',
    'social_core.backends.suse.OpenSUSEOpenId',
    'social_core.backends.ubuntu.UbuntuOpenId',
    'social_core.backends.fedora.FedoraOpenId',
    'weblate.accounts.auth.WeblateUserBackend',
)
```

Ver también:

OpenID

Autenticación por GitHub

You need to register an application on GitHub and then tell Weblate all its secrets:

```
# Authentication configuration
AUTHENTICATION_BACKENDS = (
    'social_core.backends.github.GithubOAuth2',
    'social_core.backends.email.EmailAuth',
    'weblate.accounts.auth.WeblateUserBackend',
)

# Social auth backends setup
SOCIAL_AUTH_GITHUB_KEY = 'GitHub Client ID'
SOCIAL_AUTH_GITHUB_SECRET = 'GitHub Client Secret'
SOCIAL_AUTH_GITHUB_SCOPE = ['user:email']
```

The GitHub should be configured to have callback URL as `https://example.com/accounts/complete/github/`.

Nota: Weblate provided callback URL during the authentication includes configured domain. In case you get errors about URL mismatch, you might want to fix this, see *Set correct site domain*.

Ver también:

GitHub

Autenticación por Bitbucket

You need to register an application on Bitbucket and then tell Weblate all its secrets:

```
# Authentication configuration
AUTHENTICATION_BACKENDS = (
    'social_core.backends.bitbucket.BitbucketOAuth',
    'social_core.backends.email.EmailAuth',
    'weblate.accounts.auth.WeblateUserBackend',
)

# Social auth backends setup
SOCIAL_AUTH_BITBUCKET_KEY = 'Bitbucket Client ID'
SOCIAL_AUTH_BITBUCKET_SECRET = 'Bitbucket Client Secret'
SOCIAL_AUTH_BITBUCKET_VERIFIED_EMAILS_ONLY = True
```

Nota: Weblate provided callback URL during the authentication includes configured domain. In case you get errors about URL mismatch, you might want to fix this, see *Set correct site domain*.

Ver también:

Bitbucket

OAuth 2 de Google

To use Google OAuth 2, you need to register an application on <https://console.developers.google.com/> and enable the Google+ API.

The redirect URL is `https://WEBLATE SERVER/accounts/complete/google-oauth2/`

```
# Authentication configuration
AUTHENTICATION_BACKENDS = (
    'social_core.backends.google.GoogleOAuth2',
    'social_core.backends.email.EmailAuth',
    'weblate.accounts.auth.WeblateUserBackend',
)

# Social auth backends setup
SOCIAL_AUTH_GOOGLE_OAUTH2_KEY = 'Client ID'
SOCIAL_AUTH_GOOGLE_OAUTH2_SECRET = 'Client secret'
```

Nota: Weblate provided callback URL during the authentication includes configured domain. In case you get errors about URL mismatch, you might want to fix this, see *Set correct site domain*.

Ver también:

Google

OAuth 2 de Facebook

As per usual with OAuth 2 services, you need to register your application with Facebook. Once this is done, you can set up Weblate to use it:

The redirect URL is `https://WEBLATE SERVER/accounts/complete/facebook/`

```
# Authentication configuration
AUTHENTICATION_BACKENDS = (
    'social_core.backends.facebook.FacebookOAuth2',
    'social_core.backends.email.EmailAuth',
    'weblate.accounts.auth.WeblateUserBackend',
)

# Social auth backends setup
SOCIAL_AUTH_FACEBOOK_KEY = 'key'
SOCIAL_AUTH_FACEBOOK_SECRET = 'secret'
SOCIAL_AUTH_FACEBOOK_SCOPE = ['email', 'public_profile']
```

Nota: Weblate provided callback URL during the authentication includes configured domain. In case you get errors about URL mismatch, you might want to fix this, see *Set correct site domain*.

Ver también:

Facebook

OAuth 2 de GitLab

For using GitLab OAuth 2, you need to register an application on <https://gitlab.com/profile/applications>.

The redirect URL is `https://WEBLATE SERVER/accounts/complete/gitlab/` and ensure you mark the *read_user* scope.

```
# Authentication configuration
AUTHENTICATION_BACKENDS = (
    'social_core.backends.gitlab.GitLabOAuth2',
    'social_core.backends.email.EmailAuth',
    'weblate.accounts.auth.WeblateUserBackend',
)

# Social auth backends setup
SOCIAL_AUTH_GITLAB_KEY = 'Application ID'
SOCIAL_AUTH_GITLAB_SECRET = 'Secret'
SOCIAL_AUTH_GITLAB_SCOPE = ['read_user']

# If you are using your own GitLab
# SOCIAL_AUTH_GITLAB_API_URL = 'https://gitlab.example.com/'
```

Nota: Weblate provided callback URL during the authentication includes configured domain. In case you get errors about URL mismatch, you might want to fix this, see *Set correct site domain*.

Ver también:

GitLab

Active Directory de Microsoft Azure

Weblate can be configured to use common or specific tenants for authentication.

The redirect URL is `https://WEBLATE SERVER/accounts/complete/azuread-oauth2/` for common and `https://WEBLATE SERVER/accounts/complete/azuread-tenant-oauth2/` for tenant-specific authentication.

```
# Azure AD common

# Authentication configuration
AUTHENTICATION_BACKENDS = (
    "social_core.backends.azuread.AzureADOAuth2",
    "social_core.backends.email.EmailAuth",
    "weblate.accounts.auth.WeblateUserBackend",
)

# OAuth2 keys
SOCIAL_AUTH_AZUREAD_OAUTH2_KEY = ""
SOCIAL_AUTH_AZUREAD_OAUTH2_SECRET = ""
```

```
# Azure AD Tenant

# Authentication configuration
AUTHENTICATION_BACKENDS = (
    "social_core.backends.azuread_tenant.AzureADTenantOAuth2",
    "social_core.backends.email.EmailAuth",
    "weblate.accounts.auth.WeblateUserBackend",
)

# OAuth2 keys
SOCIAL_AUTH_AZUREAD_TENANT_OAUTH2_KEY = ""
SOCIAL_AUTH_AZUREAD_TENANT_OAUTH2_SECRET = ""
# Tenant ID
SOCIAL_AUTH_AZUREAD_TENANT_OAUTH2_TENANT_ID = ""
```

Nota: Weblate provided callback URL during the authentication includes configured domain. In case you get errors about URL mismatch, you might want to fix this, see *Set correct site domain*.

Ver también:

Microsoft Azure Active Directory

Slack

For using Slack OAuth 2, you need to register an application on <https://api.slack.com/apps>.

The redirect URL is `https://WEBLATE SERVER/accounts/complete/slack/`.

```
# Authentication configuration
AUTHENTICATION_BACKENDS = (
    'social_core.backends.slack.SlackOAuth2',
    'social_core.backends.email.EmailAuth',
    'weblate.accounts.auth.WeblateUserBackend',
)

# Social auth backends setup
SOCIAL_AUTH_SLACK_KEY = ''
SOCIAL_AUTH_SLACK_SECRET = ''
```

Nota: Weblate provided callback URL during the authentication includes configured domain. In case you get errors about URL mismatch, you might want to fix this, see *Set correct site domain*.

Ver también:

Slack

Desactivar la autenticación por contraseña

E-mail and password authentication can be turned off by removing `social_core.backends.email.EmailAuth` from `AUTHENTICATION_BACKENDS`. Always keep `weblate.accounts.auth.WeblateUserBackend` there, it is needed for core Weblate functionality.

Truco: You can still use password authentication for the admin interface, for users you manually create there. Just navigate to `/admin/`.

For example authentication using only the openSUSE Open ID provider can be achieved using the following:

```
# Authentication configuration
AUTHENTICATION_BACKENDS = (
    'social_core.backends.suse.OpenSUSEOpenId',
    'weblate.accounts.auth.WeblateUserBackend',
)
```

2.5.4 Autenticación por contraseña

The default `settings.py` comes with a reasonable set of `AUTH_PASSWORD_VALIDATORS`:

- Las contraseñas no deben asemejarse demasiado a otros datos personales suyos.
- Las contraseñas deben tener por lo menos 10 caracteres de longitud.
- Las contraseñas no pueden figurar entre las más comúnmente utilizadas.
- Las contraseñas no pueden consistir enteramente de números.
- Las contraseñas no pueden consistir de un único carácter o de solo espacios.
- Las contraseñas no pueden coincidir con alguna que haya utilizado en el pasado.

Puede personalizar esta configuración para que se ajuste a su normativa de contraseñas.

Additionally you can also install django-zxcvbn-password which gives quite realistic estimates of password difficulty and allows rejecting passwords below a certain threshold.

2.5.5 Autenticación por SAML

Nuevo en la versión 4.1.1.

Please follow the Python Social Auth instructions for configuration. Notable differences:

- Weblate supports single IDP which has to be called `weblate` in `SOCIAL_AUTH_SAML_ENABLED_IDPS`.
- The SAML XML metadata URL is `/accounts/metadata/saml/`.
- Following settings are automatically filled in: `SOCIAL_AUTH_SAML_SP_ENTITY_ID`, `SOCIAL_AUTH_SAML_TECHNICAL_CONTACT`, `SOCIAL_AUTH_SAML_SUPPORT_CONTACT`

Ejemplo de configuración:

```
# Authentication configuration
AUTHENTICATION_BACKENDS = (
    "social_core.backends.email.EmailAuth",
    "social_core.backends.saml.SAMLAuth",
    "weblate.accounts.auth.WeblateUserBackend",
)

# Social auth backends setup
SOCIAL_AUTH_SAML_SP_PUBLIC_CERT = "-----BEGIN CERTIFICATE-----"
SOCIAL_AUTH_SAML_SP_PRIVATE_KEY = "-----BEGIN PRIVATE KEY-----"
SOCIAL_AUTH_SAML_ENABLED_IDPS = {
    "weblate": {
        "entity_id": "https://idp.testshib.org/idp/shibboleth",
        "url": "https://idp.testshib.org/idp/profile/SAML2/Redirect/SSO",
        "x509cert": "MIIEDjCCAvagAwIBAgIBADA ... 8Bbnl+ev0peYzxFyF5sQA==",
        "attr_name": "full_name",
        "attr_username": "username",
        "attr_email": "email",
    }
}
```

Ver también:

Configuring SAML in Docker, SAML

2.5.6 LDAP authentication

LDAP authentication can be best achieved using the *django-auth-ldap* package. You can install it via usual means:

```
# Using PyPI
pip install django-auth-ldap>=1.3.0

# Using apt-get
apt-get install python-django-auth-ldap
```

Advertencia: With django-auth-ldap older than 1.3.0 the *Asignaciones de grupo automático* will not work properly for newly created users.

Nota: There are some incompatibilities in the Python LDAP 3.1.0 module, which might prevent you from using that version. If you get error AttributeError: "module" object has no attribute "_trace_level", downgrading python-ldap to 3.0.0 might help.

Once you have the package installed, you can hook it into the Django authentication:

```
# Add LDAP backed, keep Django one if you want to be able to login
# even without LDAP for admin account
AUTHENTICATION_BACKENDS = (
    'django_auth_ldap.backend.LDAPBackend',
    'weblate.accounts.auth.WeblateUserBackend',
)

# LDAP server address
AUTH_LDAP_SERVER_URI = 'ldaps://ldap.example.net'

# DN to use for authentication
AUTH_LDAP_USER_DN_TEMPLATE = 'cn=%(user)s,o=Example'
```

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```
# Depending on your LDAP server, you might use a different DN
# like:
# AUTH_LDAP_USER_DN_TEMPLATE = 'ou=users,dc=example,dc=com'

# List of attributes to import from LDAP upon login
# Weblate stores full name of the user in the full_name attribute
AUTH_LDAP_USER_ATTR_MAP = {
    'full_name': 'name',
    # Use the following if your LDAP server does not have full name
    # Weblate will merge them later
    # 'first_name': 'givenName',
    # 'last_name': 'sn',
    # Email is required for Weblate (used in VCS commits)
    'email': 'mail',
}

# Hide the registration form
REGISTRATION_OPEN = False
```

Nota: You should remove `'social_core.backends.email.EmailAuth'` from the `AUTHENTICATION_BACKENDS` setting, otherwise users will be able to set their password in Weblate, and authenticate using that. Keeping `'weblate.accounts.auth.WeblateUserBackend'` is still needed in order to make permissions and facilitate anonymous users. It will also allow you to sign in using a local admin account, if you have created it (e.g. by using `createadmin`).

Using bind password

If you can not use direct bind for authentication, you will need to use search, and provide a user to bind for the search. For example:

```
import ldap
from django_auth_ldap.config import LDAPSearch

AUTH_LDAP_BIND_DN = ""
AUTH_LDAP_BIND_PASSWORD = ""
AUTH_LDAP_USER_SEARCH = LDAPSearch("ou=users,dc=example,dc=com",
    ldap.SCOPE_SUBTREE, "(uid=%(user)s)")
```

Integración con Active Directory

```
import ldap
from django_auth_ldap.config import LDAPSearch, NestedActiveDirectoryGroupType

AUTH_LDAP_BIND_DN = "CN=ldap,CN=Users,DC=example,DC=com"
AUTH_LDAP_BIND_PASSWORD = "password"

# User and group search objects and types
AUTH_LDAP_USER_SEARCH = LDAPSearch("CN=Users,DC=example,DC=com", ldap.SCOPE_
↪SUBTREE, "(sAMAccountName=%(user)s)")

# Make selected group a superuser in Weblate
AUTH_LDAP_USER_FLAGS_BY_GROUP = {
    # is_superuser means user has all permissions
    "is_superuser": "CN=weblate_AdminUsers,OU=Groups,DC=example,DC=com",
}
```

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```
# Map groups from AD to Weblate
AUTH_LDAP_GROUP_SEARCH = LDAPSearch("OU=Groups,DC=example,DC=com", ldap.SCOPE_
↪SUBTREE, "(objectClass=group)")
AUTH_LDAP_GROUP_TYPE = NestedActiveDirectoryGroupType()
AUTH_LDAP_FIND_GROUP_PERMS = True

# Optionally enable group mirroring from LDAP to Weblate
# AUTH_LDAP_MIRROR_GROUPS = True
```

Ver también:

Django Authentication Using LDAP, Authentication

2.5.7 Autenticación CAS

Se puede implantar una autenticación CAS al utilizar un paquete como *django-cas-ng*.

El primer paso consiste en revelar el campo Correo electrónico del usuario mediante CAS. Esto debe configurarse en el propio servidor CAS, y necesitará ejecutar al menos la versión 2 de CAS, ya que CAS v1 no admite atributos.

El segundo paso será actualizar Weblate para que utilice el servidor y los atributos de CAS.

Para instalar *django-cas-ng*:

```
pip install django-cas-ng
```

Once you have the package installed you can hook it up to the Django authentication system by modifying the `settings.py` file:

```
# Add CAS backed, keep the Django one if you want to be able to sign in
# even without LDAP for the admin account
AUTHENTICATION_BACKENDS = (
    'django_cas_ng.backends.CASBackend',
    'weblate.accounts.auth.WeblateUserBackend',
)

# CAS server address
CAS_SERVER_URL = 'https://cas.example.net/cas/'

# Add django_cas_ng somewhere in the list of INSTALLED_APPS
INSTALLED_APPS = (
    ...,
    'django_cas_ng'
)
```

Finalmente, se puede utilizar una señal para vincular el campo Correo electrónico y el objeto de usuario. Para que esto funcione, debe importar la señal del paquete *django-cas-ng* y conectar su código con esta señal. Realizar esto en el archivo de configuración puede causar problemas, por lo cual se recomienda ponerlo:

- En el método `django.apps.AppConfig.ready()` de la configuración de su aplicación
- En el archivo `urls.py` del proyecto (cuando no existan modelos)

```
from django_cas_ng.signals import cas_user_authenticated
from django.dispatch import receiver
@receiver(cas_user_authenticated)
def update_user_email_address(sender, user=None, attributes=None, **kwargs):
    # If your CAS server does not always include the email attribute
    # you can wrap the next two lines of code in a try/catch block.
    user.email = attributes['email']
    user.save()
```

Ver también:

Django CAS NG

2.5.8 Configurar la autenticación de Django de terceros

Generally any Django authentication plugin should work with Weblate. Just follow the instructions for the plugin, just remember to keep the Weblate user backend installed.

Ver también:

LDAP authentication, *Autenticación CAS*

Typically the installation will consist of adding an authentication backend to `AUTHENTICATION_BACKENDS` and installing an authentication app (if there is any) into `INSTALLED_APPS`:

```
AUTHENTICATION_BACKENDS = (
    # Add authentication backend here
    'weblate.accounts.auth.WeblateUserBackend',
)

INSTALLED_APPS = (
    ...
    'weblate',
    # Install authentication app here
)
```

2.6 Control de acceso

Distinto en la versión 3.0: Hasta Weblate 3.0, el sistema de privilegios se basaba en Django, pero ahora se ha construido específicamente para Weblate. Si utiliza una versión antigua, consulte la documentación que corresponda a esa versión, ya que la información que aquí se ofrece no será relevante.

Weblate incluye un sistema de privilegios detallado que permite asignar permisos de usuario en toda la instalación o en un ámbito limitado.

El sistema de permiso se basa en grupos y roles, donde los roles definen conjuntos de permisos, y los grupos les asignan a los usuarios y traducciones. Ver *Users, roles, groups and permissions* para más detalles.

Después de la instalación se crea un nuevo conjunto de grupos, y puedes usarlos para asignar roles de usuarios para toda la instancia (ver *Default groups and roles*). Además, cuando *Control de acceso por proyecto* está activado, puedes asignar los usuarios a proyectos de traducción específicos. Se pueden archivar más configuraciones de grano fino usando *Custom access control*.

2.6.1 Configuraciones comunes

Bloquear Weblate

To completely lock down your Weblate installation, you can use `REQUIRE_LOGIN` to force users to sign in and `REGISTRATION_OPEN` to prevent new registrations.

Permisos para todo el sitio

Para gestionar los permisos de toda una instalación, basta con añadir los usuarios a los grupos *Usuarios* (esto se hace de manera predeterminada a través del *Asignaciones de grupo automático*), *Revisores* y *Supervisores*. Mantenga todos los proyectos configurados como *Público* (vea *Control de acceso por proyecto*).

Permisos por proyecto

Nota: This feature is not available for projects running the Hosted Libre plan.

Set your projects to *Protected* or *Private*, and manage users per project in the Weblate interface.

Añadir permisos a idiomas, componentes o proyectos

Nota: This feature is not available for projects running the Hosted Libre plan.

You can additionally grant permissions to any user based on project, component or language set. To achieve this, create a new group (e.g. *Czech translators*) and configure it for a given resource. Any assigned permissions will be granted to members of that group for selected resources.

This will work just fine without additional setup, if using per project permissions. For permissions on the whole instance, you will probably also want to remove these permissions from the *Users* group, or change automatic assignment of all users to that group (see *Asignaciones de grupo automático*).

Ver también:

Comprobación de permisos

2.6.2 Control de acceso por proyecto

Nota: By enabling ACL, all users are prohibited from accessing anything within a given project, unless you add the permissions for them to do just that.

Nota: This feature is not available for projects running the Hosted Libre plan.

You can limit user's access to individual projects. This feature is turned on by *Access control* in the configuration of each respective project. This automatically creates several groups for this project, see *Grupos predefinidos*.

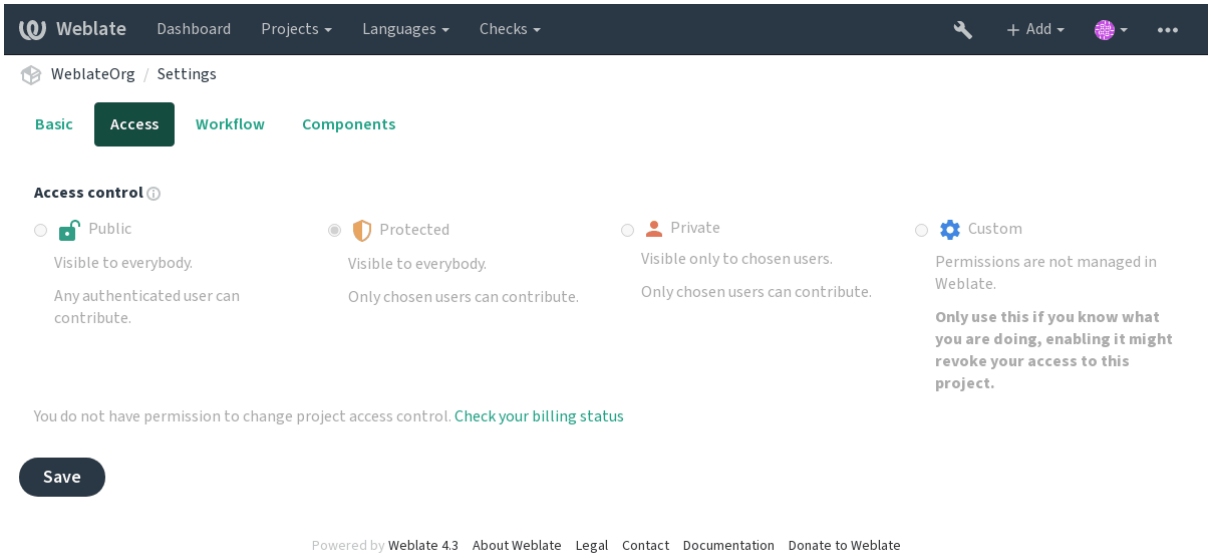
The following choices exist for *Access control*:

Público Públicamente visible y traducibles

Protegido Publicly visible, but translatable only for selected users

Privado Visible and translatable only for selected users

Personalizado Weblate no gestiona los usuarios; vea *Custom access control*.



To allow access to this project, you have to add the privilege either directly to the given user, or group of users in the Django admin interface, or by using user management on the project page, as described in *Managing per project access control*.

Nota: Aunque se haya activado ACL, determinados datos de resumen sobre su proyecto estarán disponibles:

- Estadísticas de toda la instalación, incluidos recuentos para todos los proyectos.
- Language summary for the whole instance, including counts for all projects.

2.6.3 Asignaciones de grupo automático

You can set up Weblate to automatically add users to groups based on their e-mail addresses. This automatic assignment happens only at the time of account creation.

This can be set up in the Django admin interface for each group (in the *Authentication* section).

Nota: Weblate siempre creará la asignación de grupo automática para los grupos *Usuarios* y *Lectores* al momento de efectuar migraciones; en caso de que quiera desactivar este comportamiento, establezca la expresión regular a `^$`, de modo que nunca se produzcan coincidencias.

2.6.4 Users, roles, groups and permissions

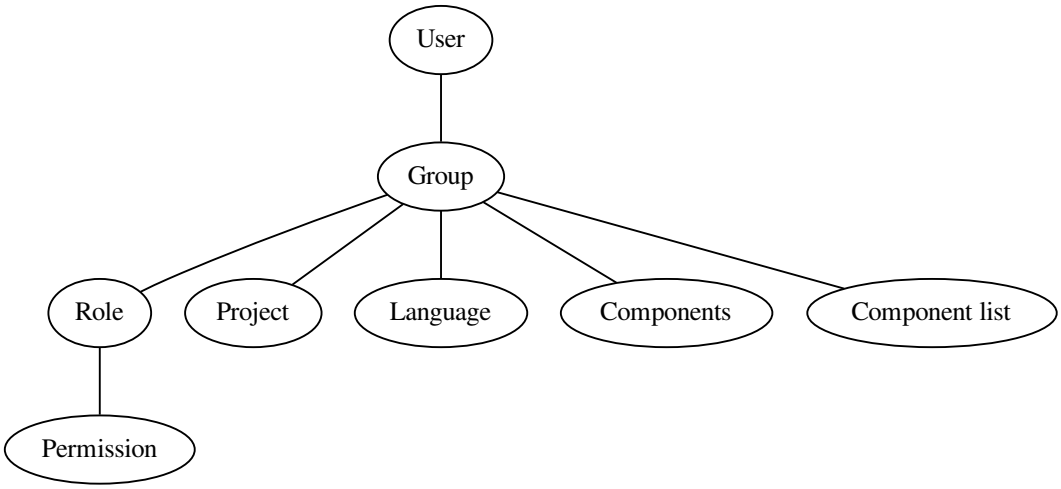
Los modelos de autenticación consisten de varios objetos:

Permiso Individual permissions defined by Weblate. You can not assign individual permissions, this can only be done through assignment of roles.

Role Role defines a set of permissions. This allows reuse of these sets in several places, and makes the administration easier.

Usuario Los usuarios pueden ser miembros de varios grupos.

Grupo Groups connect roles, users and authentication objects (projects, languages and component lists).



Comprobación de permisos

Whenever a permission is checked to decide whether one is able to perform a given action, the check is carried out according to scope, and the following checks are performed in the order:

1. *Component list* is matched against component or project.
2. *Components* are matched against component or project.
3. *Projects* are matched against project.

Como podrá apreciar, otorgar acceso a un componente también da automáticamente al usuario acceso al proyecto contenedor.

Nota: Only the first rule will be used. So if you set all of *Component list*, *Components* and *Project*, only *Component list* will be applied.

An additional step is performed if checking permission for the translation:

4. *Languages* are matched against the scope of translations if set, if not set, this does not match any language.

Consejo: You can use *Language selection* or *Project selection* to automate inclusion of all languages or projects.

Comprobar el acceso a un proyecto

Cada usuario debe pertenecer a un grupo enlazado ya sea al proyecto o a cualquier componente con que cuente. Basta con ser miembro; no hace falta ningún permiso concreto para acceder a un proyecto (esto se usa en el grupo predeterminado *Lectores*; vea *Default groups and roles*).

Comprobar el acceso a un componente

A user can access the unrestricted component once he can access the containing project. With enabled *Acceso restringido* the access to the component requires explicit permission to the component (or containing component list).

2.6.5 Gestionar usuarios y grupos

All users and groups can be managed using the Django admin interface, available under `/admin/` URL.

Managing per project access control

Nota: This feature only works for ACL controlled projects, see *Control de acceso por proyecto*.

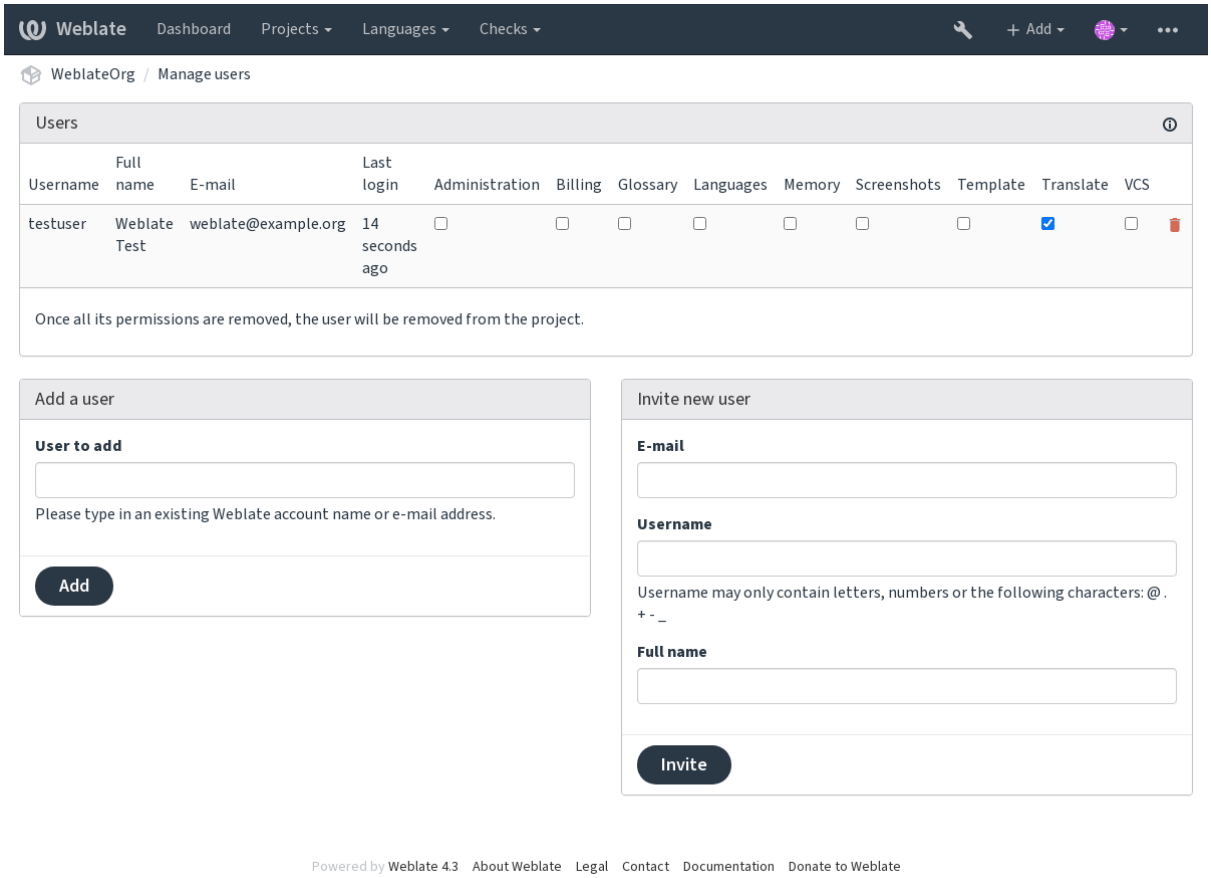
Users with the *Can manage ACL rules for a project* privilege (see *Control de acceso*) can also manage users in projects with access control turned on through the project page. The interface allows you to:

- Añadir usuarios existentes al proyecto
- Invitar usuarios nuevos al proyecto
- Cambiar los permisos de los usuarios
- Revocar el acceso de los usuarios

Nuevo en la versión 3.11.

- Resend user email invitations, invalidating any previously sent invitation

The user management is available in the *Manage* menu of a project:



Ver también:

Control de acceso por proyecto

Grupos predefinidos

Weblate comes with a predefined set of groups for a project, wherefrom you can assign users.

Administration
Has all permissions available in the project.

Glossary
Can manage glossary (add or remove entries, or upload).

Languages
Can manage translated languages - add or remove translations.

Screenshots
Can manage screenshots - add or remove them, and associate them to source strings.

Sources
Can edit source strings in *Componentes monolingües* and source string info.

Translate
Can translate the project, and upload translations made offline.

VCS
Can manage VCS and access the exported repository.

Review
Can approve translations during review.

Billing
Can access billing info (see *Facturación*).

2.6.6 Custom access control

By choosing *Custom* as *Access control*, Weblate will stop managing access for a given project, and all users and groups can be managed using the Django admin interface. This can be used to define more complex access control, or set up a shared access policy for all projects in a single Weblate instance. If you want to turn this on for all projects by default, please configure the `DEFAULT_ACCESS_CONTROL`.

Advertencia: By turning this on, Weblate will remove all *Control de acceso por proyecto* it has created for this project. If you are doing this without admin permission from the instance, you will instantly lose your access to manage the project.

2.6.7 Default groups and roles

Lista de privilegios

Billing (see *Facturación*) View billing info [*Administration*, *Billing*]

Cambios Descargar cambios [*Administración*]

Comentarios Post comment [*Administration*, *Edit source*, *Power user*, *Review strings*, *Translate*]

Eliminar comentario [*Administración*]

Componente Editar configuración de componentes [*Administración*]

Lock component, preventing it from being translated [*Administration*]

Glosario Añadir entrada de glosario [*Administración*, *Gestionar glosario*, *Usuario avanzado*]

Editar entrada de glosario [*Administración*, *Gestionar glosario*, *Usuario avanzado*]

Eliminar entrada de glosario [*Administración*, *Gestionar glosario*, *Usuario avanzado*]

Cargar entradas de glosario [*Administración*, *Gestionar glosario*, *Usuario avanzado*]

Sugerencias automáticas Use automatic suggestions [*Administration*, *Power user*]

Proyectos Editar configuración del proyecto [*Administración*]

Gestionar acceso al proyecto [*Administración*]

Informes Download reports [*Administration*]

Capturas de pantalla Add screenshot [*Administration*, *Manage screenshots*]

Edit screenshot [*Administration*, *Manage screenshots*]

Delete screenshot [*Administration*, *Manage screenshots*]

Cadenas de origen Edit source string info [*Administration*, *Edit source*]

Cadenas Añadir cadenas nuevas [*Administración*]

Ignore failing checks [*Administration*, *Edit source*, *Power user*, *Review strings*, *Translate*]

Edit strings [*Administration*, *Edit source*, *Power user*, *Review strings*, *Translate*]

Review strings [*Administration*, *Review strings*]

Editar cadena cuando son obligatorias las sugerencias [*Administración*, *Revisar cadenas*]

Edit source strings [*Administration*, *Edit source*, *Power user*]

Sugerencias Accept suggestions [*Administration*, *Edit source*, *Power user*, *Review strings*, *Translate*]

Add suggestions [*Add suggestion*, *Administration*, *Edit source*, *Power user*, *Review strings*, *Translate*]

Eliminar sugerencias [*Administración*]

Vote on suggestions [*Administration*, *Edit source*, *Power user*, *Review strings*, *Translate*]

Traducciones Start new translation [*Administration*, *Manage languages*, *Power user*]

Perform automatic translation [*Administration*, *Manage languages*]

Delete existing translations [*Administration*, *Manage languages*]

Start translation into a new language [*Administration*, *Manage languages*]

Cargas Definir autor/a de la traducción cargada [*Administración*]

Overwrite existing strings with an upload [*Administration*, *Edit source*, *Power user*, *Review strings*, *Translate*]

Upload translation strings [*Administration*, *Edit source*, *Power user*, *Review strings*, *Translate*]

Sistema de control de versiones Access the internal repository [*Access repository*, *Administration*, *Manage repository*, *Power user*]

Commit changes to the internal repository [*Administration*, *Manage repository*]

Push change from the internal repository [*Administration*, *Manage repository*]

Reset changes in the internal repository [*Administration*, *Manage repository*]

View upstream repository location [*Access repository*, *Administration*, *Manage repository*, *Power user*]

Actualizar el repositorio interno [*Administración*, *Gestionar repositorio*]

Privilegios en todo el sitio Utilizar interfaz de gestión

Añadir proyectos nuevos

Añadir definiciones de idioma

Gestionar definiciones de idioma

Gestionar grupos

Administrar usuarios

Gestionar roles

Gestionar anuncios

Gestionar memoria de traducción

Gestionar listas de componentes

Nota: The site wide privileges are not granted to any default role. These are powerful and quite close to the superuser status—most of them affect all the projects of your Weblate installation.

Lista de grupos

The following groups are created upon installation (or after executing `setupgroups`):

Guests Defines permissions for non authenticated users.

This group contains only anonymous users (see `ANONYMOUS_USER_NAME`).

You can remove roles from this group to limit permissions for non authenticated users.

Default roles: *Add suggestion*, *Access repository*

Lectores This role ensures visibility of public projects for all users. By default all users are members of this group.

By default all users are members of this group, using *Asignaciones de grupo automático*.

Default roles: none

Users Grupo predeterminado para todos los usuarios.

By default all users are members of this group using *Asignaciones de grupo automático*.

Default roles: *Power user*

Revisores Group for reviewers (see *Flujos de trabajo de traducción*).

Default roles: *Review strings*

Supervisores Grupo para administradores.

Default roles: *Administration*

Advertencia: Never remove the predefined Weblate groups and users, as this can lead to unexpected problems. If you do not want to use these features, just remove all privileges from them.

2.7 Proyectos de traducción

2.7.1 Organización de traducción

Weblate organiza el contenido traducible del sistema de control de versiones del proyecto o los componentes en una estructura semejante a un árbol.

- The bottom level object is *Configuración de proyectos*, which should hold all translations belonging together (for example translation of an application in several versions and/or accompanying documentation).

- On the level above, *Configuración de componentes*, which is actually the component to translate, you define the VCS repository to use, and the mask of files to translate.
- Above *Configuración de componentes* there are individual translations, handled automatically by Weblate as translation files (which match the mask defined in *Configuración de componentes*) appear in the VCS repository.

Weblate supports a wide range of translation formats (both bilingual and monolingual ones) supported by Translate Toolkit, see *Formatos de archivo admitidos*.

Nota: You can share cloned VCS repositories using *URL internos de Weblate*. Using this feature is highly recommended when you have many components sharing the same VCS. It improves performance and decreases required disk space.

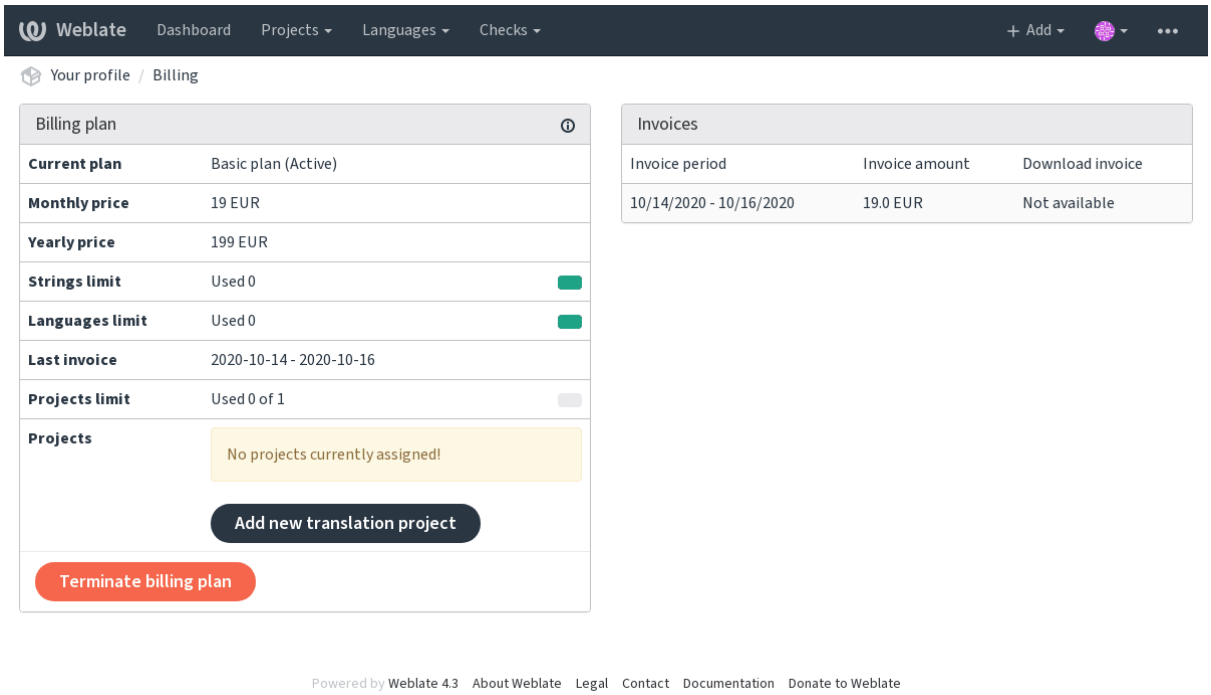
2.7.2 Añadir proyectos y componentes de traducción

Distinto en la versión 3.2: An interface for adding projects and components is included, and you no longer have to use *La interfaz administrativa de Django*.

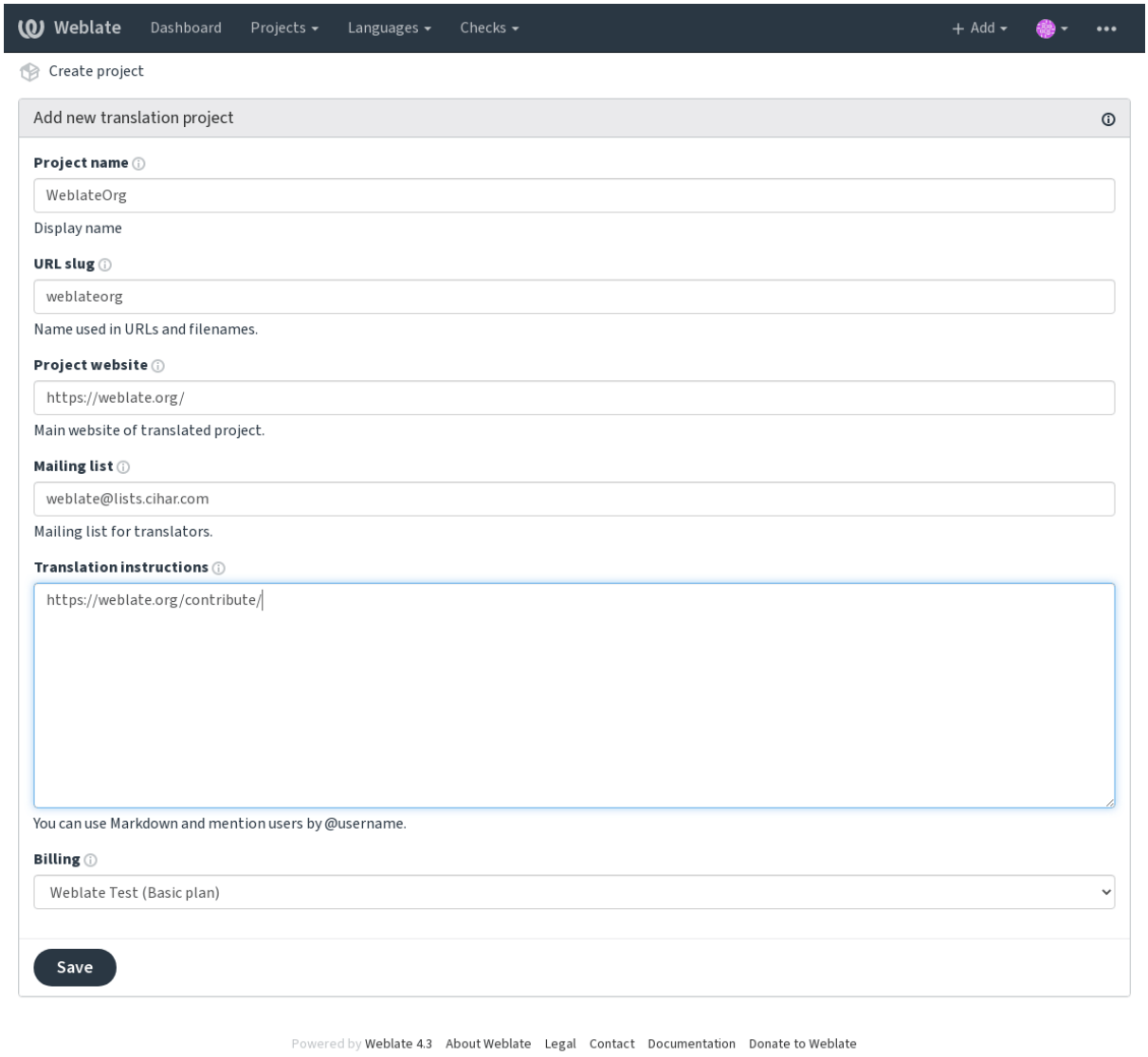
Distinto en la versión 3.4: The process of adding components is now multi staged, with automated discovery of most parameters.

Based on your permissions, new translation projects and components can be created. It is always permitted for users with the *Add new projects* permission, and if your instance uses billing (e.g. like https://hosted.weblate.org/ see *Facturación*), you can also create those based on your plans allowance from the user account that manages billing.

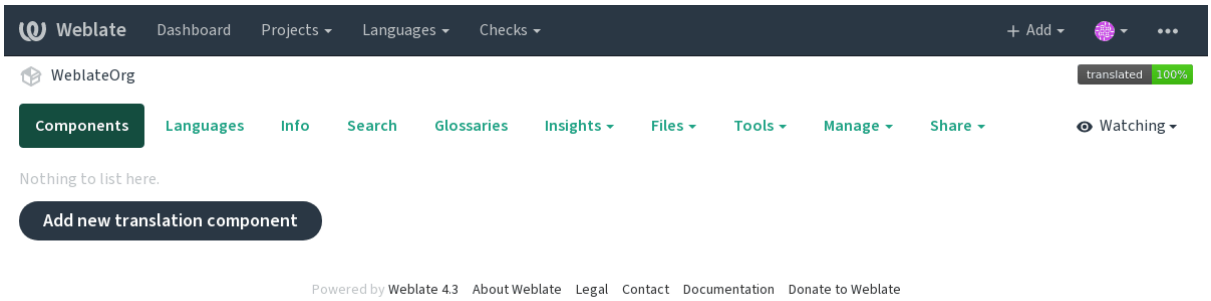
Puede ver su plan de facturación actual en una página separada:



The project creation can be initiated from there, or using the menu in the navigation bar, filling in basic info about the translation project to complete addition of it:



After creating the project, you are taken directly to the project page:



Creating a new translation component can be initiated via a single click there. The process of creating a component is multi-staged and automatically detects most translation parameters. There are several approaches to creating component:

Desde control de versiones Crea el componente a partir de un repositorio de control de versiones remoto.

Desde componente existente Creates additional component to existing one by choosing different files.

Rama adicional Creates additional component to existing one, just for different branch.

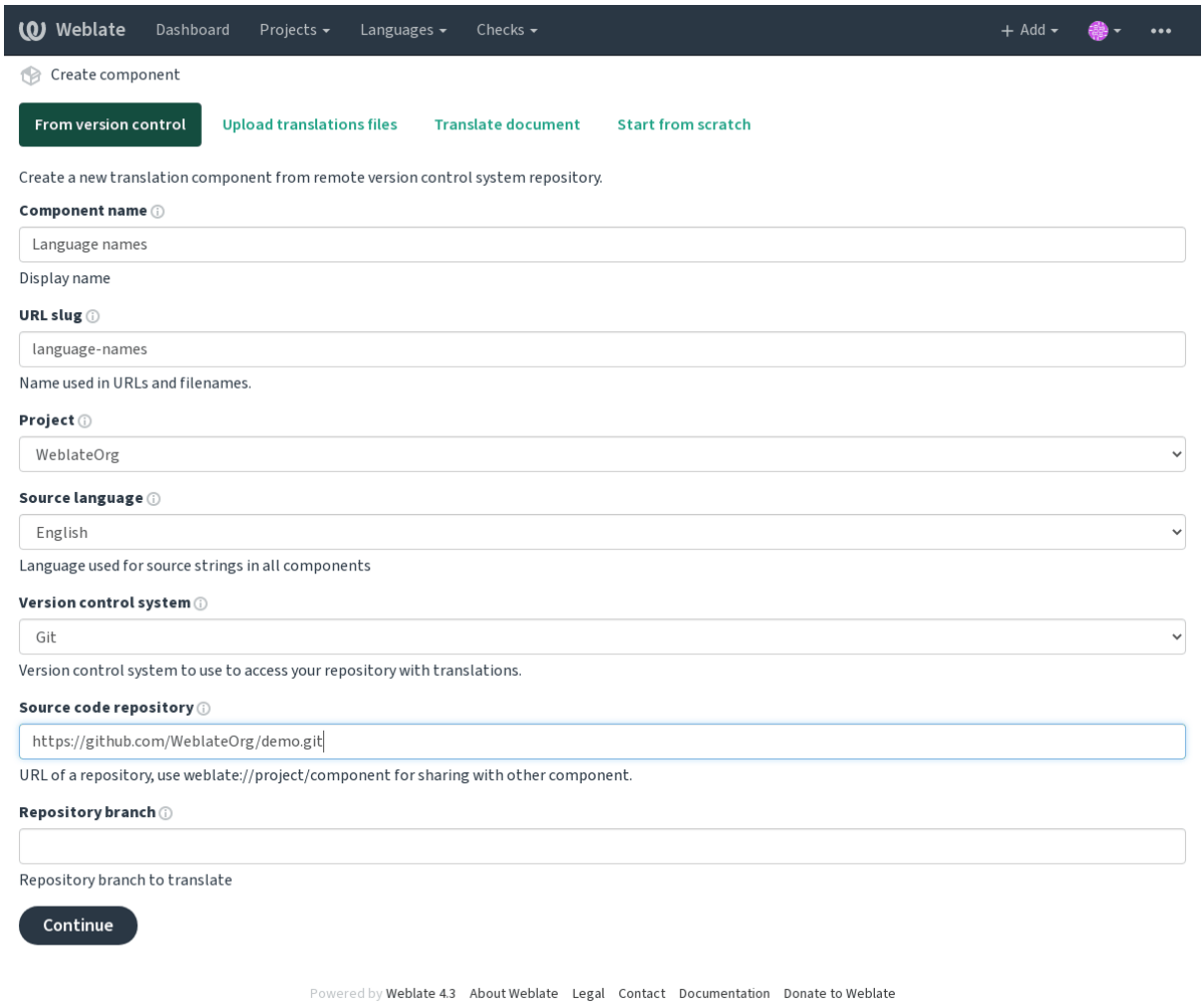
Cargar archivos de traducción Upload translation files to Weblate in case you do not have version control or do not want to integrate it with Weblate. You can later update the content using the web interface or API.

Traducir documento Cargue un documento único y tradúzcalo.

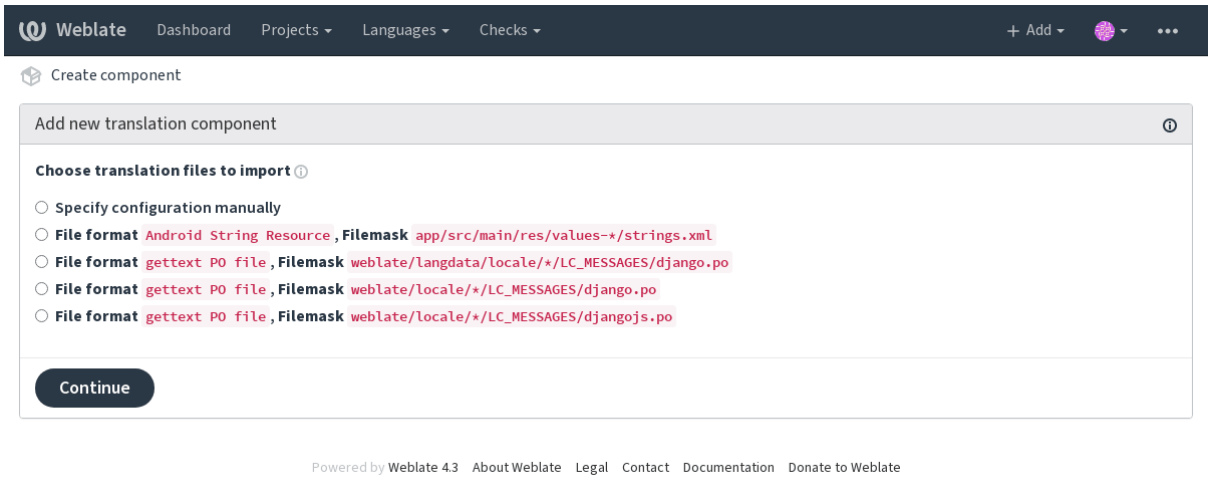
Comenzar de cero Create blank translation project and add strings manually.

Once you have existing translation components, you can also easily add new ones for additional files or branches using same repository.

Primero debe suplir el nombre y la ubicación del repositorio:



En la próxima página verá una lista de recursos traducibles detectados:



Como último paso, revise la información del componente de traducción y supla datos opcionales:

Weblate Dashboard Projects Languages Checks + Add

Create component

Detected license as MIT, please check whether it is correct.

Add new translation component

Project

WeblateOrg

Component name

Language names

Display name

URL slug

language-names

Name used in URLs and filenames.

Version control system

Git

Version control system to use to access your repository containing translations. You can also choose additional integration with third party providers to submit merge requests.

Source code repository

https://github.com/WeblateOrg/demo.git

URL of a repository, use weblate://project/component to share it with other component.

Repository branch

Repository branch to translate

Repository push URL

URL of a push repository, pushing is turned off if empty.

Push branch

Branch for pushing changes, leave empty to use repository branch

Repository browser

https://github.com/WeblateOrg/demo/blob/{{branch}}/{{filename}}#L{{line}}

Link to repository browser, use {{branch}} for branch, {{filename}} and {{line}} as filename and line placeholders.

File format

gettext PO file

Filemask

weblate/langdata/locale/*/LC_MESSAGES/django.po

Path of files to translate relative to repository root, use * instead of language code, for example: po/*.po or locale/*/LC_MESSAGES/django.po.

Monolingual base language file

Filename of translation base file, containing all strings and their source; it is recommended for monolingual translation formats.

☑ **Edit base file**

Whether users will be able to edit the base file for monolingual translations.

Intermediate language file

Filename of intermediate translation file. In most cases this is a translation file provided by developers and is used when creating actual source strings.

Template for new translations

weblate/langdata/locale/django.pot

Filename of file used for creating new translations. For gettext choose .pot file.

Translation license

GNU General Public License v3.0 or later

Adding new translation

Create new language file

How to handle requests for creating new translations.

Language code style

Default based on the file format

Customize language code used to generate the filename for translations created by Weblate.

Language filter

^(cs|he|hu)$

Regular expression used to filter translation when scanning for filemask.

Source language

English

Language used for source strings in all components

You will be able to edit more options in the component settings after creating it.

Save

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Ver también:

La interfaz administrativa de Django, *Configuración de proyectos*, *Configuración de componentes*

2.7.3 Configuración de proyectos

Create a translation project and then add a new component for translation in it. The project is like a shelf, in which real translations are stacked. All components in the same project share suggestions and their dictionary; the translations are also automatically propagated through all components in a single project (unless turned off in the component configuration), see Memory Management.

These basic attributes set up and inform translators of a project:

Nombre del proyecto

Verbose project name, used to display the project name.

«Slug» del proyecto

Project name suitable for URLs.

Sitio web del proyecto

URL where translators can find more info about the project.

Lista de correo

Mailing list where translators can discuss or comment translations.

Instrucciones de traducción

URL to more site with more detailed instructions for translators.

Set Language-Team header

Whether Weblate should manage the `Language-Team` header (this is a *GNU gettext* only feature right now).

Utilizar memoria de traducción compartida

Whether to use shared translation memory, see *Memoria de traducción compartida* for more details.

Contribuir a la memoria de traducción compartida

Whether to contribute to shared translation memory, see *Memoria de traducción compartida* for more details.

Control de acceso

Configure per project access control, see *Control de acceso por proyecto* for more details.

Default value can be changed by `DEFAULT_ACCESS_CONTROL`.

Activar revisiones

Enable review workflow for translations, see *Revisores dedicados*.

Activar revisiones de origen

Enable review workflow for source strings, see *Source strings reviews*.

Activar actuadores

Whether unauthenticated *Actuadores de notificaciones* are to be used for this repository.

Ver también:

Archivo de idioma intermediario, *Quality gateway for the source strings*, *Formatos bilingües y monolingües*, *Language definitions*

Alias de idiomas

Defina una vinculación entre códigos de idioma durante la importación de traducciones en Weblate. Utilice esta función si los códigos de idioma son irregulares en sus repositorios y quiere obtener una visualización coherente en Weblate.

The typical use case might be mapping American English to English: `en_US:en`

Multiple mappings to be separated by comma: `en_GB:en,en_US:en`

Consejo: The language codes are mapped when matching the translation files and the matches are case sensitive, so make sure you use the source language codes in same form as used in the filenames.

Ver también:

Parsing language codes

2.7.4 Configuración de componentes

A component is a grouping of something for translation. You enter a VCS repository location and file mask for which files you want translated, and Weblate automatically fetches from this VCS, and finds all matching translatable files.

You can find some examples of typical configurations in the *Formatos de archivo admitidos*.

Nota: Es aconsejable mantener un tamaño razonable para los componentes de traducción. Divídala en secciones que tengan sentido para su proyecto (por ejemplo, por aplicaciones o complementos, capítulos o sitios web).

Weblate puede manejar con facilidad traducciones de decenas de miles de cadenas, pero es más difícil distribuir el trabajo y coordinar los traductores al utilizar componentes de tales dimensiones.

Should the language definition for a translation be missing, an empty definition is created and named as «cs_CZ (generated)». You should adjust the definition and report this back to the Weblate authors, so that the missing languages can be included in next release.

The component contains all important parameters for working with the VCS, and for getting translations out of it:

Nombre de componente

Verbose component name, used to display the component name.

«Slug» del componente

Component name suitable for URLs.

Proyecto del componente

Configuración de proyectos where the component belongs.

Sistema de control de versiones

VCS to use, see *Integración de control de versiones* for details.

Repositorio de código fuente

VCS repository used to pull changes.

Ver también:

See *Accessing repositories* for more details on specifying URLs.

Consejo: This can either be a real VCS URL or `weblate://project/component` indicating that the repository should be shared with another component. See *URL internos de Weblate* for more details.

URL de envío al repositorio

Repository URL used for pushing. This setting is used only for *Git* and *Mercurial* and push support is turned off for these when this is empty.

Ver también:

See *Accessing repositories* for more details on how to specify a repository URL and *Enviar cambios efectuados en Weblate* for more details on pushing changes from Weblate.

Explorador del repositorio

URL of repository browser used to display source files (location of used messages). When empty, no such links will be generated. You can use *Template markup*.

For example on GitHub, use something like: `https://github.com/WeblateOrg/hello/blob/{{branch}}/{{filename}}#L{{line}}`

In case your paths are relative to different folder, you might want to strip leading directory by `parentdir` filter (see *Template markup*): `https://github.com/WeblateOrg/hello/blob/{{branch}}/{{filename|parentdir}}#L{{line}}`

URL de repositorio exportado

URL where changes made by Weblate are exported. This is important when *Regionalización continua* is not used, or when there is a need to manually merge changes. You can use *Git exporter* to automate this for Git repositories.

Rama del repositorio

Which branch to checkout from the VCS, and where to look for translations.

Rama a la que enviar

Branch for pushing changes, leave empty to use *Rama del repositorio*.

Nota: This is currently only supported for Git, GitLab and GitHub, it is ignored for other VCS integrations.

File mask

Mask of files to translate, including path. It should include one «*» replacing language code (see *Language definitions* for info on how this is processed). In case your repository contains more than one translation file (e.g. more gettext domains), you need to create a component for each of them.

For example `po/*.po` or `locale/*/LC_MESSAGES/django.po`.

In case your filename contains special characters such as `[`, `]`, these need to be escaped as `[[]` or `[]]`.

Ver también:

Formatos bilingües y monolingües, *What does mean «There are more files for the single language (en)»?*

Archivo de base monolingüe

Base file containing string definitions for *Componentes monolingües*.

Ver también:

Formatos bilingües y monolingües, *What does mean «There are more files for the single language (en)»?*

Editar archivo de base

Whether to allow editing the base file for *Componentes monolingües*.

Archivo de idioma intermediario

Intermediate language file for *Componentes monolingües*. In most cases this is a translation file provided by developers and is used when creating actual source strings.

When set, the source translation is based on this file, but all others are based on *Archivo de base monolingüe*. In case the string is not translated in source translation, translating to other languages is prohibited. This provides *Quality gateway for the source strings*.

Ver también:

Quality gateway for the source strings, *Formatos bilingües y monolingües*, *What does mean «There are more files for the single language (en)»?*

Plantilla para traducciones nuevas

Base file used to generate new translations, e.g. `.pot` file with gettext.

Consejo: In many monolingual formats Weblate starts with blank file by default. Use this in case you want to have all strings present with empty value when creating new translation.

Ver también:

Añadir traducciones nuevas, *Adición de traducciones nuevas*, *Formatos bilingües y monolingües*, *What does mean «There are more files for the single language (en)»?*

Formato de archivo

Translation file format, see also *Formatos de archivo admitidos*.

Dirección para informar de errores en las cadenas de origen

Email address used for reporting upstream bugs. This address will also receive notification about any source string comments made in Weblate.

Permitir propagación de traducciones

You can turn off propagation of translations to this component from other components within same project. This really depends on what you are translating, sometimes it's desirable to have make use of a translation more than once.

It's usually a good idea to turn this off for monolingual translations, unless you are using the same IDs across the whole project.

Default value can be changed by `DEFAULT_TRANSLATION_PROPAGATION`.

Activar sugerencias

Whether translation suggestions are accepted for this component.

Votar sugerencias

Turns on votecasting for suggestions, see *Votar sugerencias*.

Aceptar sugerencias automáticamente

Automatically accept voted suggestions, see *Votar sugerencias*.

Indicadores de traducción

Customization of quality checks and other Weblate behavior, see *Personalizar el comportamiento*.

Comprobaciones obligatorias

List of checks which can not be ignored, see *Enforcing checks*.

Licencia de la traducción

License of the translation (does not need to be the same as the source code license).

Acuerdo de contribuidor

Acuerdo de usuario que debe aprobarse antes de que un usuario pueda traducir este componente.

Adición de traducciones nuevas

How to handle requests for creation of new languages. Available options:

Contactar a responsables User can select desired language and the project maintainers will receive a notification about this. It is up to them to add (or not) the language to the repository.

Apuntar a la URL con instrucciones de traducción User is presented a link to page which describes process of starting new translations. Use this in case more formal process is desired (for example forming a team of people before starting actual translation).

Crear archivo de idioma nuevo User can select language and Weblate automatically creates the file for it and translation can begin.

Desactivar adición de traducciones nuevas There will be no option for user to start new translation.

Ver también:

Añadir traducciones nuevas.

Estilo de código de idioma

Customize language code used to generate the filename for translations created by Weblate, see *Añadir traducciones nuevas* for more details.

Estilo de fusión

You can configure how updates from the upstream repository are handled. This might not be supported for some VCSs. See *Fusionar o cambiar base* for more details.

Default value can be changed by `DEFAULT_MERGE_STYLE`.

Commit, add, delete, merge and addon messages

Message used when committing a translation, see *Template markup*.

Default value can be changed by `DEFAULT_ADD_MESSAGE`, `DEFAULT_ADDON_MESSAGE`, `DEFAULT_COMMIT_MESSAGE`, `DEFAULT_DELETE_MESSAGE`, `DEFAULT_MERGE_MESSAGE`.

Nombre de consignante

Name of the committer used for Weblate commits, the author will always be the real translator. On some VCSs this might be not supported.

Default value can be changed by `DEFAULT_COMMITER_NAME`.

Correo electrónico de consignante

Email of committer used for Weblate commits, the author will always be the real translator. On some VCSs this might be not supported. The default value can be changed in `DEFAULT_COMMITER_EMAIL`.

Enviar al consignar

Whether committed changes should be automatically pushed to the upstream repository. When enabled, the push is initiated once Weblate commits changes to its internal repository (see *Consignas diferidas*). To actually enable pushing *Repository push URL* has to be configured as well.

Antigüedad de cambios por consignar

Sets how old changes (in hours) are to get before they are committed by background task or `commit_pending` management command. All changes in a component are committed once there is at least one older than this period.

Default value can be changed by `COMMIT_PENDING_HOURS`.

Bloquear al producirse un error

Enables locking the component on repository error (failed pull, push or merge). Locking in this situation avoids adding another conflict which would have to be resolved manually.

The component will be automatically unlocked once there are no repository errors left.

Idioma del código fuente

Language used for source strings. Change this if you are translating from something else than English.

Consejo: In case you are translating bilingual files from English, but want to be able to do fixes in the English translation as well, you might want to choose *English (Developer)* as a source language. To avoid conflict between name of the source language and existing translation.

For monolingual translations, you can use intermediate translation in this case, see *Archivo de idioma intermediario*.

Filtro de idioma

Regular expression used to filter the translation when scanning for filemask. This can be used to limit the list of languages managed by Weblate.

Nota: You need to list language codes as they appear in the filename.

Some examples of filtering:

Descripción del filtro	Expresión regular
Solo los idiomas seleccionados	`^(cs|de|es)$`
Excluir idiomas	`^(?!(it|fr)$).+$`
Excluir archivos no lingüísticos	`^(?!(blank)$).+$`
Incluir todos los archivos (predeterminado)	`^[^.]+$`

Expresión regular de variantes

Regular expression used to determine the variants of a string, see *Variantes de cadenas*.

Nota: Los propietarios y los gestores del proyecto pueden editar la mayoría de los demás campos, en la interfaz de Weblate.

Ver también:

¿Weblate admite sistemas de control de versiones aparte de Git y Mercurial?, *Translation component alerts*

Prioridad

Se ofrecen primero a los traductores los componentes con mayor prioridad.

Acceso restringido

By default the component is visible to anybody who has access to the project, even if the person can not perform any changes in the component. This makes it easier to keep translation consistency within the project.

Enable this in case you want to grant access to this component explicitly - the project level permissions will not apply and you will have to specify component or component list level permission in order to grant access.

Default value can be changed by `DEFAULT_RESTRICTED_COMPONENT`.

Consejo: This applies to project managers as well - please make sure you will not loose access to the component after toggling the status.

2.7.5 Template markup

Weblate uses simple markup language in several places where text rendering is needed. It is based on The Django template language, so it can be quite powerful.

Currently it is used in:

- Commit message formatting, see *Configuración de componentes*
- **Several addons**
  - *Detección de componentes*
  - *Generador de estadísticas*
  - *Executing scripts from addon*

There following variables are available in the component templates:

`{{ language_code }}` Código de idioma

`{{ language_name }}` Nombre del idioma

`{{ component_name }}` Nombre de componente

`{{ component_slug }}` «Slug» del componente

`{{ project_name }}` Nombre del proyecto

`{{ project_slug }}` «Slug» del proyecto

`{{ url }}` URL de traducción

`{{ filename }}` Nombre de archivo de traducción

`{{ stats }}` Translation stats, this has further attributes, examples below.

`{{ stats.all }}` Total strings count

`{{ stats.fuzzy }}` Count of strings needing review

`{{ stats.fuzzy_percent }}` Percent of strings needing review

`{{ stats.translated }}` Translated strings count

`{{ stats.translated_percent }}` Translated strings percent

`{{ stats.allchecks }}` Number of strings with failing checks

`{{ stats.allchecks_percent }}` Percent of strings with failing checks

`{{ author }}` Author of current commit, available only in the commit scope.

`{{ addon_name }}` Name of currently executed addon, available only in the addon commit message.

The following variables are available in the repository browser or editor templates:

`{{branch}}` current branch

`{{line}}` line in file

`{{filename}}` filename, you can also strip leading parts using the `parentdir` filter, for example `{{filename|parentdir}}`

You can combine them with filters:

```
{{ component|title }}
```

You can use conditions:

```
{% if stats.translated_percent > 80 %}Well translated!{% endif %}
```

There is additional tag available for replacing characters:

```
{% replace component "-" " " %}
```

You can combine it with filters:

```
{% replace component|capfirst "-" " " %}
```

There are also additional filter to manipulate with filenames:

```
Directory of a file: {{ filename|dirname }}
File without extension: {{ filename|stripext }}
File in parent dir: {{ filename|parentdir }}
It can be used multiple times:  {{ filename|parentdir|parentdir }}
```

…and other Django template features.

2.7.6 Importing speed

Fetching VCS repository and importing translations to Weblate can be a lengthy process, depending on size of your translations. Here are some tips:

Optimize configuration

The default configuration is useful for testing and debugging Weblate, while for a production setup, you should do some adjustments. Many of them have quite a big impact on performance. Please check *Puesta en marcha de entorno de producción* for more details, especially:

- Configure Celery for executing background tasks (see *Tareas en segundo plano con Celery*)
- *Enable caching*
- *Use a powerful database engine*
- *Desactivar el modo de depuración*

Check resource limits

If you are importing huge translations or repositories, you might be hit by resource limitations of your server.

- Check the amount of free memory, having translation files cached by the operating system will greatly improve performance.
- Disk operations might be bottleneck if there is a lot of strings to process—the disk is pushed by both Weblate and the database.
- Additional CPU cores might help improve performance of background tasks (see *Tareas en segundo plano con Celery*).

Disable unneeded checks

Some quality checks can be quite expensive, and if not needed, can save you some time during import if omitted. See `CHECK_LIST` for info on configuration.

2.7.7 Creación automática de componentes

In case your project has dozen of translation files (e.g. for different gettext domains, or parts of Android apps), you might want to import them automatically. This can either be achieved from the command line by using `import_project` or `import_json`, or by installing the *Detección de componentes* addon.

To use the addon, you first need to create a component for one translation file (choose the one that is the least likely to be renamed or removed in future), and install the addon on this component.

For the management commands, you need to create a project which will contain all components and then run `import_project` or `import_json`.

Ver también:

Órdenes de gestión, *Detección de componentes*

2.8 Language definitions

To present different translations properly, info about language name, text direction, plural definitions and language code is needed.

2.8.1 Parsing language codes

While parsing translations, Weblate attempts to map language code (usually the ISO 639-1 one) to any existing language object.

You can further adjust this mapping at project level by *Alias de idiomas*.

If no exact match can be found, an attempt will be made to best fit it into an existing language (e.g. ignoring the default country code for a given language—choosing `cs` instead of `cs_CZ`).

Should that also fail, a new language definition will be created using the defaults (left to right text direction, one plural) and naming of the language as *xx_XX (generated)*. You might want to change this in the admin interface later, (see *Changing language definitions*) and report it to the issue tracker (see *Contribuir con Weblate*).

Consejo: In case you see something unwanted as a language, you might want to adjust *Filtro de idioma* to ignore such file when parsing translations.

2.8.2 Changing language definitions

You can change language definitions in the languages interface (`/languages/` URL).

While editing, make sure all fields are correct (especially plurals and text direction), otherwise translators will be unable to properly edit those translations.

2.8.3 Built-in language definitions

Definitions for more than 550 languages are included in Weblate and the list is extended in every release. Whenever Weblate is upgraded (more specifically whenever **`weblate migrate`** is executed, see *Instrucciones de actualización genéricas*) the database of languages is updated to include all language definitions shipped in Weblate.

This feature can be disable using `UPDATE_LANGUAGES`. You can also enforce updating the database to match Weblate built-in data using `setuplang`.

2.8.4 Language definitions

Each language consists of following fields:

Código de idioma

Code identifying the language. Weblate prefers two letter codes as defined by ISO 639-1, but uses ISO 639-2 or ISO 639-3 codes for languages that do not have two letter code. It can also support extended codes as defined by BCP 47.

Ver también:

Parsing language codes

Nombre del idioma

Visible name of the language. The language names included in Weblate are also being localized depending on user interface language.

Dirección del texto

Determines whether language is written right to left or left to right. This property is autodetected correctly for most of the languages.

Plural number

Number of plurals used in the language.

Fórmula de plurales

Gettext compatible plural formula used to determine which plural form is used for given count.

Ver también:

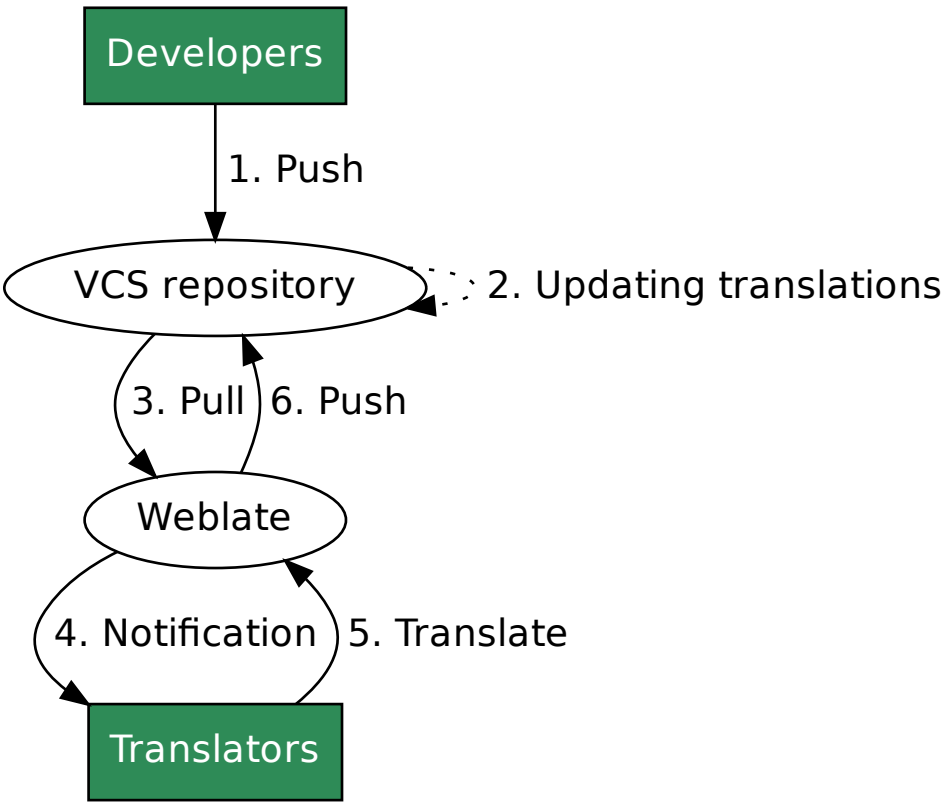
Plurales, GNU gettext utilities: Plural forms, Language Plural Rules by the Unicode Consortium

2.9 Regionalización continua

There is infrastructure in place so that your translation closely follows development. This way translators can work on translations the entire time, instead of working through huge amount of new text just prior to release.

This is the process:

1. Developers make changes and push them to the VCS repository.
2. Optionally the translation files are updated (this depends on the file format, see *Why does Weblate still show old translation strings when I've updated the template?*).
3. Weblate pulls changes from the VCS repository, see *Updating repositories*.
4. Once Weblate detects changes in translations, translators are notified based on their subscription settings.
5. Translators submit translations using the Weblate web interface, or upload offline changes.
6. Once the translators are finished, Weblate commits the changes to the local repository (see *Consignas diferidas*) and pushes them back if it has permissions to do so (see *Enviar cambios efectuados en Weblate*).



2.9.1 Updating repositories

You should set up some way of updating backend repositories from their source.

- Use *Actuadores de notificaciones* to integrate with most of common code hosting services
- Manually trigger update either in the repository management or using API or *Cliente de Weblate*
- Enable `AUTO_UPDATE` to automatically update all components on your Weblate instance
- Execute `updategit` (with selection of project or *–all* to update all)

Whenever Weblate updates the repository, the post-update addons will be triggered, see *Complementos*.

Avoiding merge conflicts

The merge conflicts from Weblate arise when same file was changed both in Weblate and outside it. There are two approaches to deal with that - avoid edits outside Weblate or integrate Weblate into your updating process, so that it flushes changes prior to updating the files outside Weblate.

The first approach is easy with monolingual files - you can add new strings within Weblate and leave whole editing of the files there. For bilingual files, there is usually some kind of message extraction process to generate translatable files from the source code. In some cases this can be split into two parts - one for the extraction generates template (for example gettext POT is generated using **`xgettext`**) and then further process merges it into actual translations (the gettext PO files are updated using **`msgmerge`**). You can perform the second step within Weblate and it will make sure that all pending changes are included prior to this operation.

The second approach can be achieved by using API to force Weblate to push all pending changes and lock the translation while you are doing changes on your side.

The script for doing updates can look like this:

```
# Lock Weblate translation
wlc lock
# Push changes from Weblate to upstream repository
wlc push
# Pull changes from upstream repository to your local copy
git pull
# Update translation files, this example is for Django
./manage.py makemessages --keep-pot -a
git commit -m 'Locale updates' -- locale
# Push changes to upstream repository
git push
# Tell Weblate to pull changes (not needed if Weblate follows your repo
# automatically)
wlc pull
# Unlock translations
wlc unlock
```

If you have multiple components sharing same repository, you need to lock them all separately:

```
wlc lock foo/bar
wlc lock foo/baz
wlc lock foo/baj
```

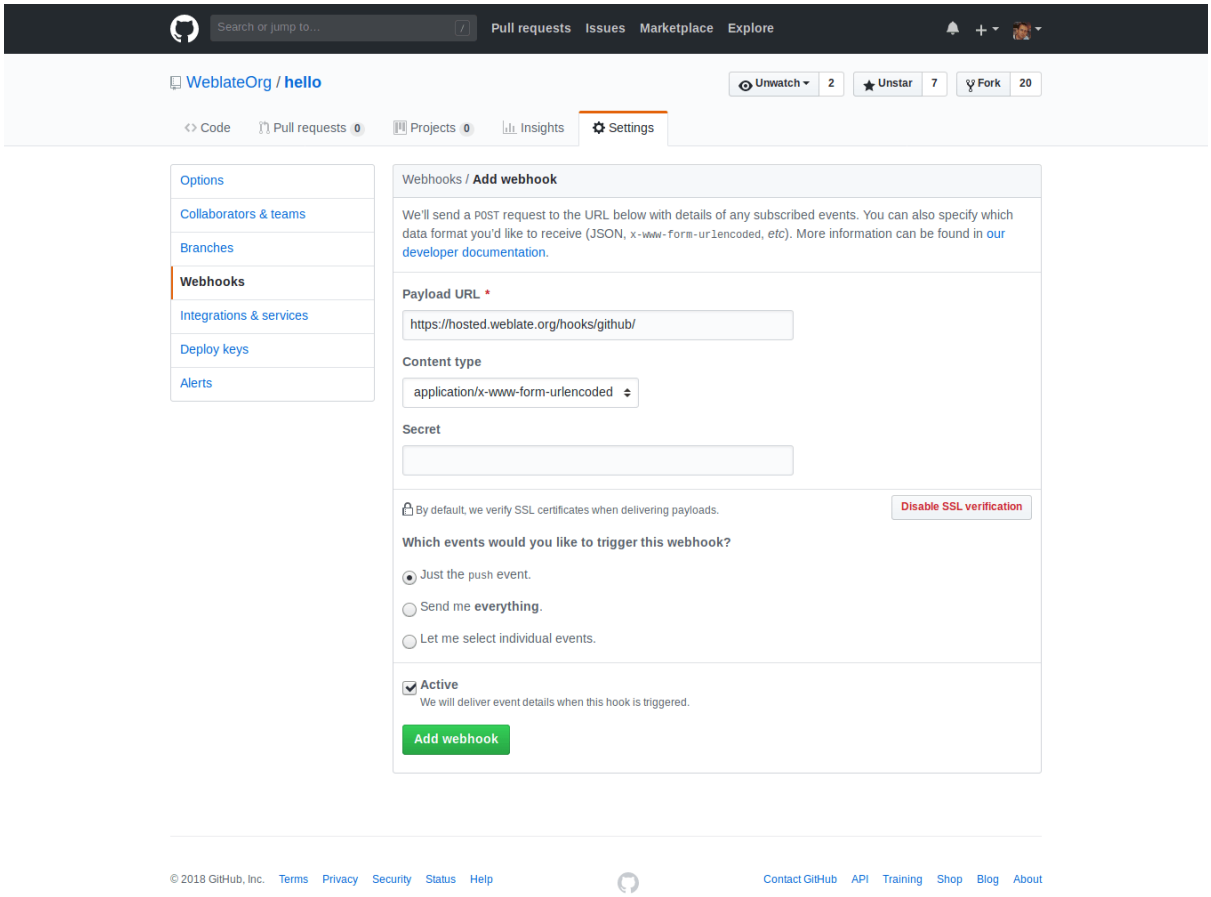
Nota: The example uses *Cliente de Weblate*, which needs configuration (API keys) to be able to control Weblate remotely. You can also achieve this using any HTTP client instead of wlc, e.g. curl, see API.

Recibir cambios automáticamente de GitHub

Weblate admite GitHub nativamente.

If you are using Hosted Weblate, the recommended approach is to install the Weblate app, that way you will get the correct setup without having to set much up. It can also be used for pushing changes back.

To receive notifications on every push to a GitHub repository, add the Weblate Webhook in the repository settings (*Webhooks*) as shown on the image below:



For the payload URL, append `/hooks/github/` to your Weblate URL, for example for the Hosted Weblate service, this is `https://hosted.weblate.org/hooks/github/`.

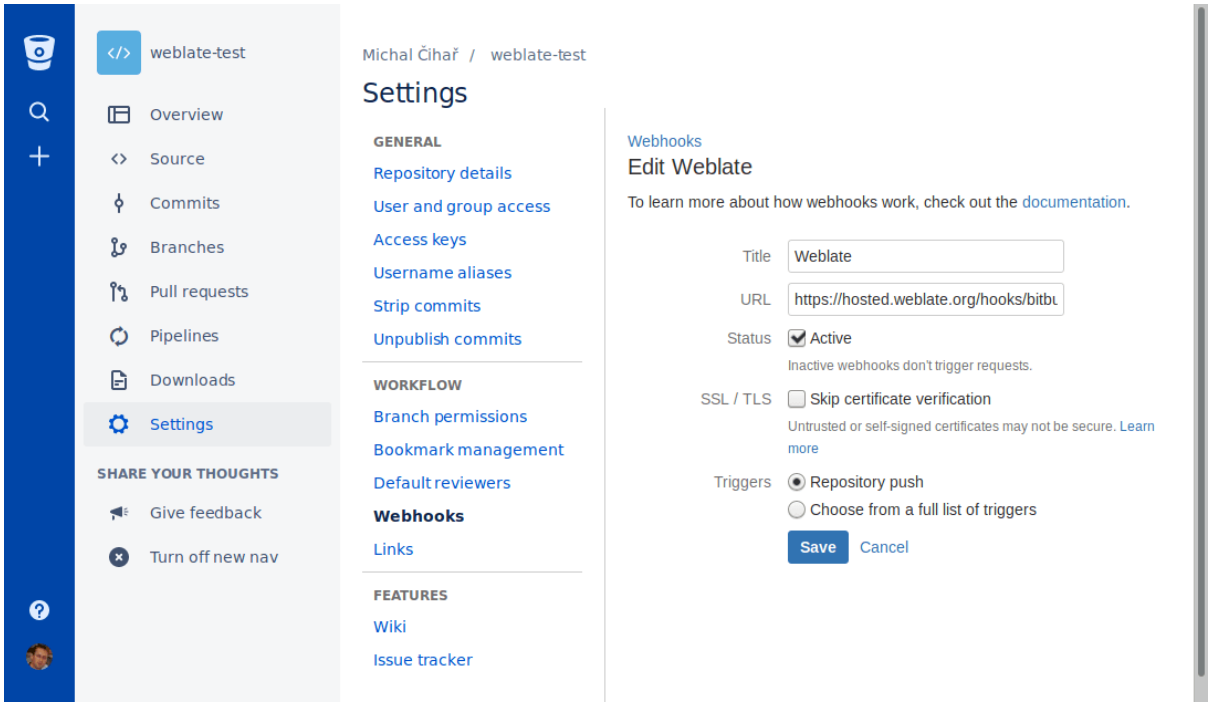
You can leave other values at default settings (Weblate can handle both content types and consumes just the *push* event).

Ver también:

`POST /hooks/github/`, *Accessing repositories from Hosted Weblate*

Recibir cambios automáticamente de Bitbucket

Weblate has support for Bitbucket webhooks, add a webhook which triggers upon repository push, with destination to `/hooks/bitbucket/` URL on your Weblate installation (for example `https://hosted.weblate.org/hooks/bitbucket/`).



Ver también:

`POST /hooks/bitbucket/`, *Accessing repositories from Hosted Weblate*

Automatically receiving changes from GitLab

Weblate has support for GitLab hooks, add a project webhook with destination to `/hooks/gitlab/` URL on your Weblate installation (for example `https://hosted.weblate.org/hooks/gitlab/`).

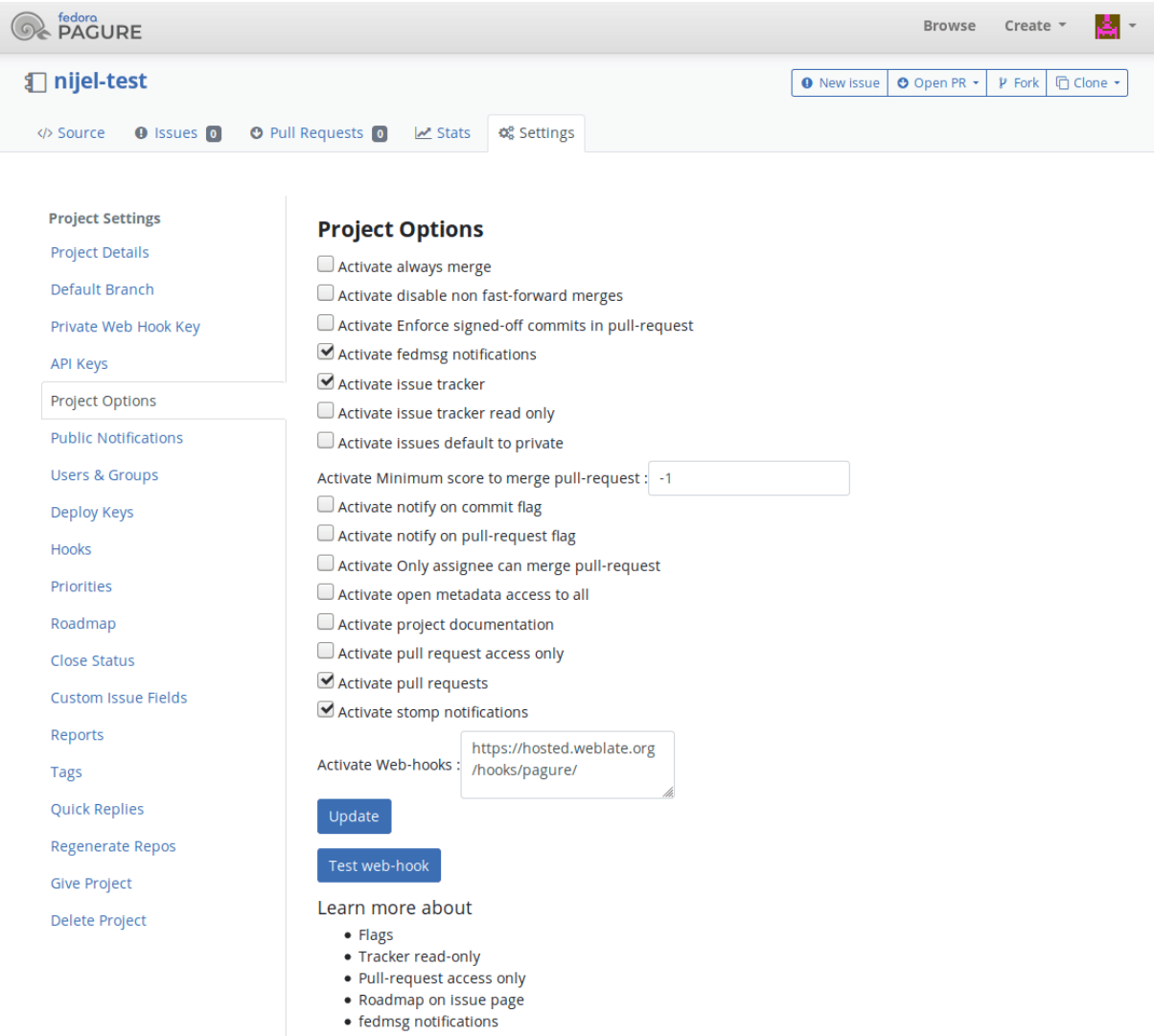
Ver también:

`POST /hooks/gitlab/`, *Accessing repositories from Hosted Weblate*

Recibir cambios automáticamente de Pagure

Nuevo en la versión 3.3.

Weblate has support for Pagure hooks, add a webhook with destination to `/hooks/pagure/` URL on your Weblate installation (for example `https://hosted.weblate.org/hooks/pagure/`). This can be done in *Activate Web-hooks* under *Project options*:



Ver también:

`POST /hooks/pagure/`, *Accessing repositories from Hosted Weblate*

Recibir cambios automáticamente de Azure Repos

Nuevo en la versión 3.8.

Weblate has support for Azure Repos web hooks, add a webhook for *Code pushed* event with destination to `/hooks/azure/` URL on your Weblate installation (for example `https://hosted.weblate.org/hooks/azure/`). This can be done in *Service hooks* under *Project settings*.

Ver también:

Web hooks in Azure DevOps manual, `POST /hooks/azure/`, *Accessing repositories from Hosted Weblate*

Recibir cambios automáticamente de Gitea

Nuevo en la versión 3.9.

Weblate has support for Gitea webhooks, add a *Gitea Webhook* for *Push events* event with destination to `/hooks/gitea/` URL on your Weblate installation (for example `https://hosted.weblate.org/hooks/gitea/`). This can be done in *Webhooks* under repository *Settings*.

Ver también:

Webhooks in Gitea manual, `POST /hooks/gitea/`, *Accessing repositories from Hosted Weblate*

Recibir cambios automáticamente de Gitee

Nuevo en la versión 3.9.

Weblate has support for Gitee webhooks, add a *WebHook* for *Push* event with destination to `/hooks/gitee/` URL on your Weblate installation (for example `https://hosted.weblate.org/hooks/gitee/`). This can be done in *WebHooks* under repository *Management*.

Ver también:

Webhooks in Gitee manual, `POST /hooks/gitee/`, *Accessing repositories from Hosted Weblate*

Automatically updating repositories nightly

Weblate automatically fetches remote repositories nightly to improve performance when merging changes later. You can optionally turn this into doing nightly merges as well, by enabling `AUTO_UPDATE`.

2.9.2 Enviar cambios efectuados en Weblate

Each translation component can have a push URL set up (see *URL de envío al repositorio*), and in that case Weblate will be able to push change to the remote repository. Weblate can be also be configured to automatically push changes on every commit (this is default, see *Enviar al consignar*). If you do not want changes to be pushed automatically, you can do that manually under *Repository maintenance* or using API via `wlc push`.

The push options differ based on the *Integración de control de versiones* used, more details are found in that chapter.

In case you do not want direct pushes by Weblate, there is support for *GitHub*, *GitLab*, *Pagure* pull requests or *Gerrit* reviews, you can activate these by choosing *GitHub*, *GitLab* or *Gerrit* as *Sistema de control de versiones* in *Configuración de componentes*.

Overall, following options are available with Git, GitHub and GitLab:

Desired setup	*Sistema de control de versiones*	*URL de envío al repositorio*	*Rama a la que enviar*
No push	*Git*	*empty*	*empty*
Enviar directamente	*Git*	URL SSH	*empty*
Enviar en una rama separada	*Git*	URL SSH	Nombre de la rama
GitHub pull request from fork	*GitHub*	*empty*	*empty*
GitHub pull request from branch	*GitHub*	SSH URL[1]	Nombre de la rama
GitLab merge request from fork	*GitLab*	*empty*	*empty*
GitLab merge request from branch	*GitLab*	SSH URL[1]	Nombre de la rama
Pagure merge request from fork	*Pagure*	*empty*	*empty*
Pagure merge request from branch	*Pagure*	SSH URL[1]	Nombre de la rama

Nota: You can also enable automatic pushing of changes after Weblate commits, this can be done in *Enviar al consignar*.

Ver también:

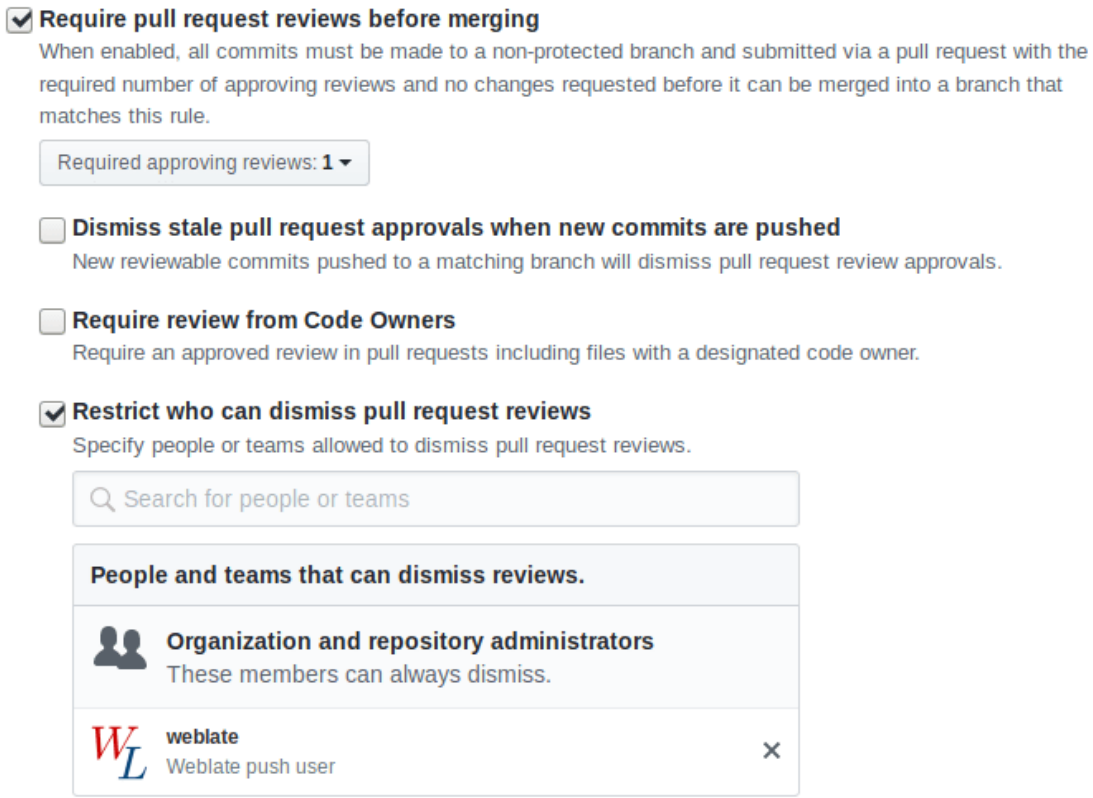
See *Accessing repositories* for setting up SSH keys, and *Consignas diferidas* for info about when Weblate decides to commit changes.

Ramas protegidas

If you are using Weblate on protected branch, you can configure it to use pull requests and perform actual review on the translations (what might be problematic for languages you do not know). An alternative approach is to waive this limitation for the Weblate push user.

For example on GitHub this can be done in the repository configuration:

[1] Can be empty in case *Repositorio de código fuente* supports pushing.



2.9.3 Fusionar o cambiar base

By default, Weblate merges the upstream repository into its own. This is the safest way in case you also access the underlying repository by other means. In case you don't need this, you can enable rebasing of changes on upstream, which will produce a history with fewer merge commits.

Nota: Rebasing can cause you trouble in case of complicated merges, so carefully consider whether or not you want to enable them.

2.9.4 Interactuar con otros

Weblate makes it easy to interact with others using its API.

Ver también:

API

2.9.5 Consignas diferidas

The behaviour of Weblate is to group commits from the same author into one commit if possible. This greatly reduces the number of commits, however you might need to explicitly tell it to do the commits in case you want to get the VCS repository in sync, e.g. for merge (this is by default allowed for the *Managers* group, see *Control de acceso*).

Los cambios en esta modalidad se consignan una vez que cualquiera de estas condiciones se cumpla:

- Alguien más modifica una cadena ya modificada.
- Se produce una fusión desde el origen ascendente.
- Se solicita explícitamente una consigna.
- Change is older than period defined as *Age of changes to commit* on *Configuración de componentes*.

Consejo: Commits are created for every component. So in case you have many components you will still see lot of commits. You might utilize *Concentrar consignas de Git* addon in that case.

If you want to commit changes more frequently and without checking of age, you can schedule a regular task to perform a commit:

```
CELERY_BEAT_SCHEDULE = {
    # Unconditionally commit all changes every 2 minutes
    "commit": {
        "task": "weblate.trans.tasks.commit_pending",
        # Ommiting hours will honor per component settings,
        # otherwise components with no changes older than this
        # won't be committed
        "kwargs": {"hours": 0},
        # How frequently to execute the job in seconds
        "schedule": 120,
    }
}
```

2.9.6 Procesar el repositorio con secuencias

The way to customize how Weblate interacts with the repository is *Complementos*. Consult *Executing scripts from addon* for info on how to execute external scripts through addons.

2.9.7 Mantener iguales las traducciones entre los componentes

Once you have multiple translation components, you might want to ensure that the same strings have same translation. This can be achieved at several levels.

Propagación de traducciones

With translation propagation enabled (what is the default, see *Configuración de componentes*), all new translations are automatically done in all components with matching strings. Such translations are properly credited to currently translating user in all components.

Nota: The translation propagation requires the key to be match for monolingual translation formats, so keep that in mind when creating translation keys.

Comprobación de coherencia

The *Incoherente* check fires whenever the strings are different. You can utilize this to review such differences manually and choose the right translation.

Traducción automática

Automatic translation based on different components can be way to synchronize the translations across components. You can either trigger it manually (see *Traducción automática*) or make it run automatically on repository update using addon (see *Traducción automática*).

2.10 Licensing translations

You can specify which license translations are contributed under. This is especially important to do if translations are open to the public, to stipulate what they can be used for.

You should specify *Configuración de componentes* license info. You should avoid requiring a contributor license agreement, though it is possible.

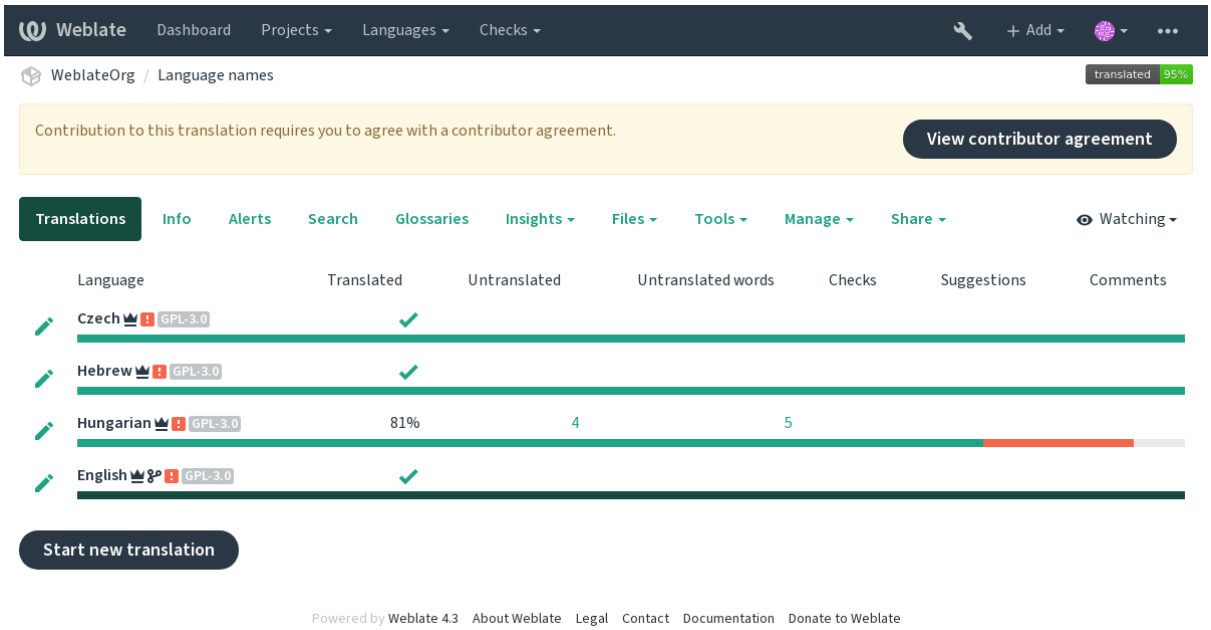
2.10.1 License info

Upon specifying license info (license name and URL), this info is shown in the translation info section of the respective *Configuración de componentes*.

Usually this is best place to post licensing info if no explicit consent is required. If your project or translation is not libre you most probably need prior consent.

2.10.2 Acuerdo de contribuidor

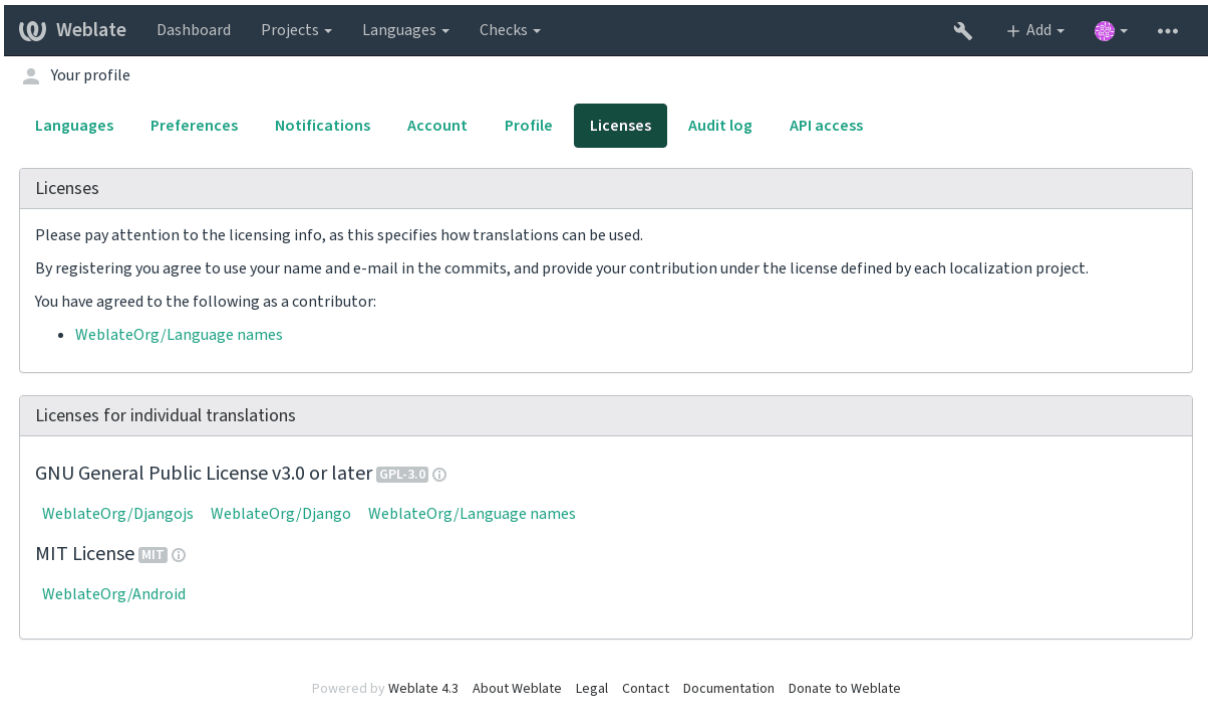
If you specify a contributor license agreement, only users who have agreed to it will be able to contribute. This is a clearly visible step when accessing the translation:



The entered text is formatted into paragraphs and external links can be included. HTML markup can not be used.

2.10.3 User licenses

Any user can review all translation licenses of all public projects on the instance from their profile:



2.11 Proceso de traducción

2.11.1 Votar sugerencias

Everyone can add suggestions by default, to be accepted by signed in users. Suggestion voting can be used to make use of a string when more than signed in user agrees, by setting up the *Configuración de componentes* configuration with *Suggestion voting* to turn on voting, and *Autoaccept suggestions* to set a threshold for accepted suggestions (this includes a vote from the user making the suggestion if it is cast).

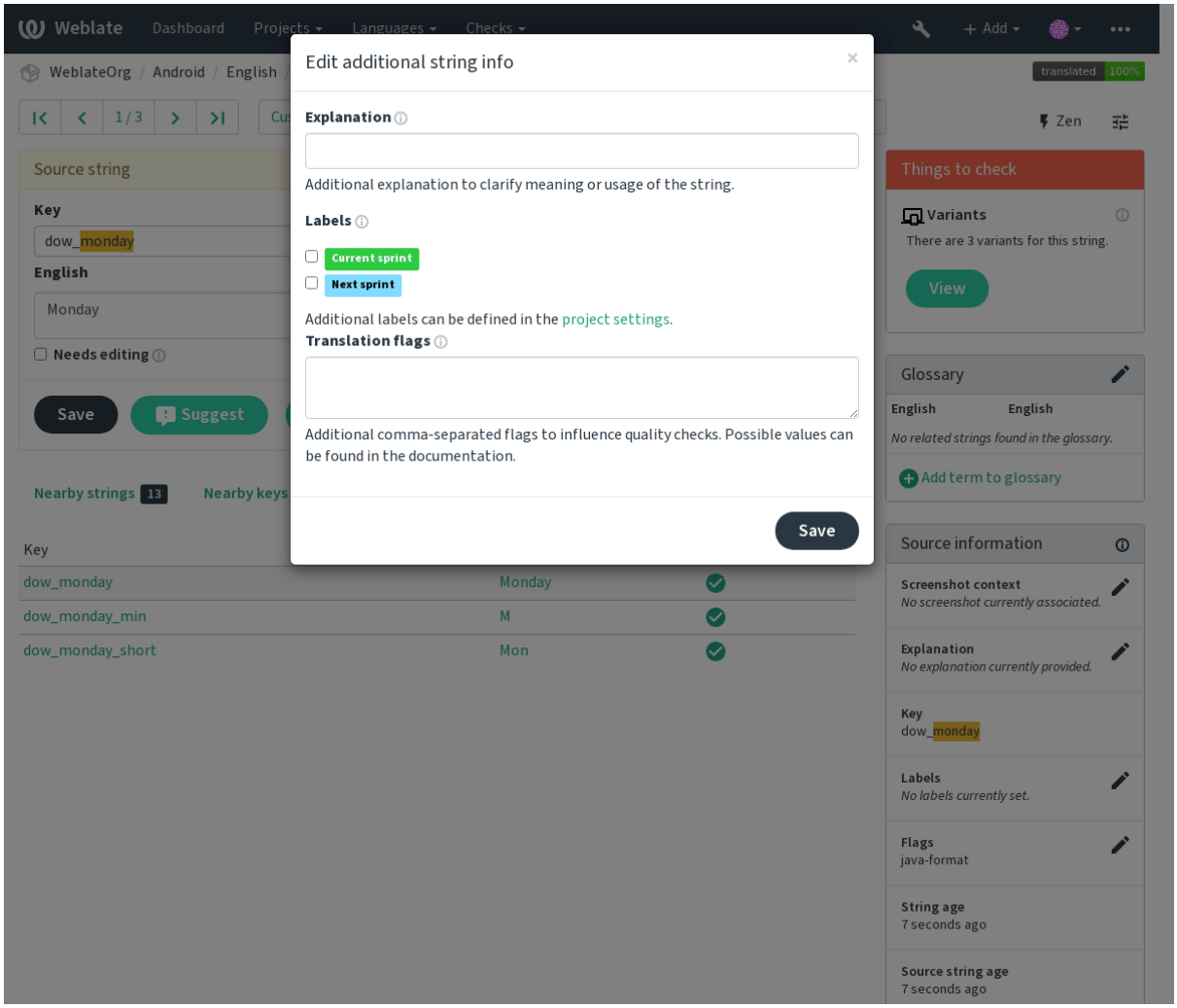
Nota: Once automatic acceptance is set up, normal users lose the privilege to directly save translations or accept suggestions. This can be overridden with the *Edit string when suggestions are enforced* privilege (see *Control de acceso*).

You can combine these with *Control de acceso* into one of the following setups:

- Users suggest and vote for suggestions and a limited group controls what is accepted. - Turn on voting. - Turn off automatic acceptance. - Don't let users save translations.
- Users suggest and vote for suggestions with automatic acceptance once the defined number of them agree. - Turn on voting. - Set the desired number of votes for automatic acceptance.
- Optional voting for suggestions. (Can optionally be used by users when they are unsure about a translation by making multiple suggestions.) - Only turn on voting.

2.11.2 Información adicional sobre las cadenas de origen

Enhance the translation process with info available in the translation files. This includes explanation, string priority, check flags, or providing visual context. All these features can be set in the *Reviewing strings*:



Access this directly from the translation interface by clicking the «Edit» icon next to *Screenshot context* or *Flags*.

Weblate Dashboard Projects Languages Checks + Add

WeblateOrg / Django / Czech / Translate translated 96%

11 / 26 All strings Position and priority Zen

Translation

Explanation

Help text for automatic translation tool

English

Automatic translation via machine translation uses active machine translation engines to get the best possible translations and applies them in this project.

Czech Clone source NBS

Automatický překlad prostřednictvím strojového překladu používá aktivní enginy strojového překladu pro získání nejlepších možných překladů a použije je na tento projekt.

169/1570

Needs editing

Save Suggest Skip

Nearby strings 26 Comments Automatic suggestions Other languages History

Context	English	Czech	State
	Files	Soubory	
	Automatic translation	Automatický překlad	
	Add new translation string	Add new translation string	
	Translation status	Stav překladu	
	%(count)s word	%(count)s slovo	
	Other components	Další součásti	
	Translation file	Soubor s překladem	
	Download	Stáhnout	
	Browse all translation changes	Procházet všechny změny v překladu.	
	Automatic translation takes existing translations in this project and applies them to the current component. It can be used to push translations to a different branch, to fix inconsistent translations or to translate a new component using translation memory.	Automatický překlad použije stávající překlady v projektu na tuto součást. Může být užitečný pro sloučení překladů z jiné větve, opravu nekonzistentních překladů nebo překlad nové součásti pomocí překladové paměti.	
	Automatic translation via machine translation uses active machine translation engines to get the best possible translations and applies them in this project.	Automatický překlad prostřednictvím strojového překladu používá aktivní enginy strojového překladu pro získání nejlepších možných překladů a použije je na tento projekt.	
	You can add new translation string here, it will automatically appear in all translations.	Zde můžete přidat nový řetězec k překladu, automaticky se objeví ve všech jazycích.	
	The uploaded file will be merged with the current translation. In case you want to overwrite already translated strings, don't forget to enable it.	Nahraný soubor bude sloučen se stávajícími překlady. Pokud chcete přepsat již přeložené řetězce, nezapomeňte to povolit.	
	The uploaded file will be merged with the current translation.	Nahraný soubor bude sloučen se stávajícími překlady.	
	The fulltext search might not work properly as the fulltext index for this translation is not yet up to date.	Fulltextové vyhledávání nemusí fungovat správně, protože fulltextový index pro tento překlad ještě není plně zpracován.	
	Review	Kontrola	
	Review translations touched by other users.	Zkontrolovat překlady od ostatních uživatelů.	
	Start review	Začít kontrolu	
	Percent	Procenta	
	Total	Celkem	
	Failing check	Neúspěšných kontrol	
	Last activity	Poslední aktivita	
	Last change	Poslední změna	
	Last author	Poslední autor	
Question for a mathematics-based CAPTCHA, the %s is an arithmetic problem	What is %s?	Kolik to je?	
	The string uses three dots (...) instead of an ellipsis character (…)		

Glossary

English	Czech	
machine translation	strojový překlad	WeblateOrg
project	projekt	WeblateOrg

Add term to glossary

Source information

Screenshot context
No screenshot currently associated.

Explanation
Help text for automatic translation tool

Labels
No labels currently set.

Flags
No flags currently set.

Source string location
weblate/templates/translation.html:212

String age
a second ago

Source string age
a second ago

Translation file
weblate/locale/cs/LC_MESSAGES/django.po, string 11

Powered by Weblate 4.3 About Weblate Legal Contact Documentation Donate to Weblate

Priorización de cadenas

Nuevo en la versión 2.0.

String priority can be changed to offer higher priority strings for translation earlier by using the `priority` flag

Consejo: This can be used to order the flow of translation in a logical manner.

Ver también:

Comprobaciones de calidad

Indicadores de traducción

Nuevo en la versión 2.4.

Distinto en la versión 3.3: Previously called *Quality checks flags*, it no longer configures only checks.

The default set of translation flags is determined by the translation *Configuración de componentes* and the translation file. However, you might want to use it to customize this per source string.

Ver también:

Comprobaciones de calidad

Explicación

Distinto en la versión 4.1: En versiones anteriores, esta prestación se denominaba «contexto adicional».

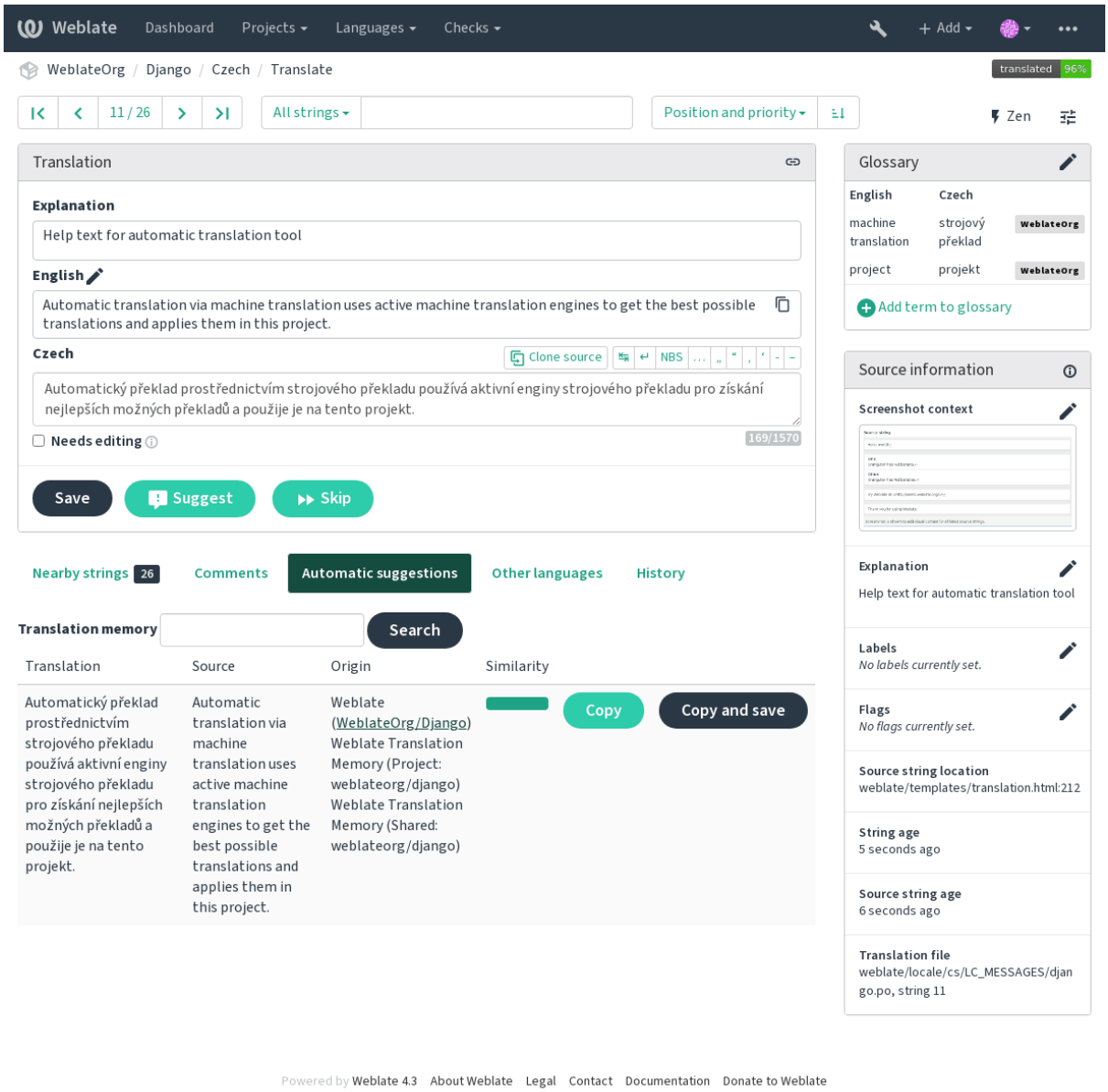
Utilice la explicación para aclarar el ámbito o la utilización de la traducción. Puede utilizar Markdown para incluir enlaces y dar formato.

Contexto visual para cadenas

Nuevo en la versión 2.9.

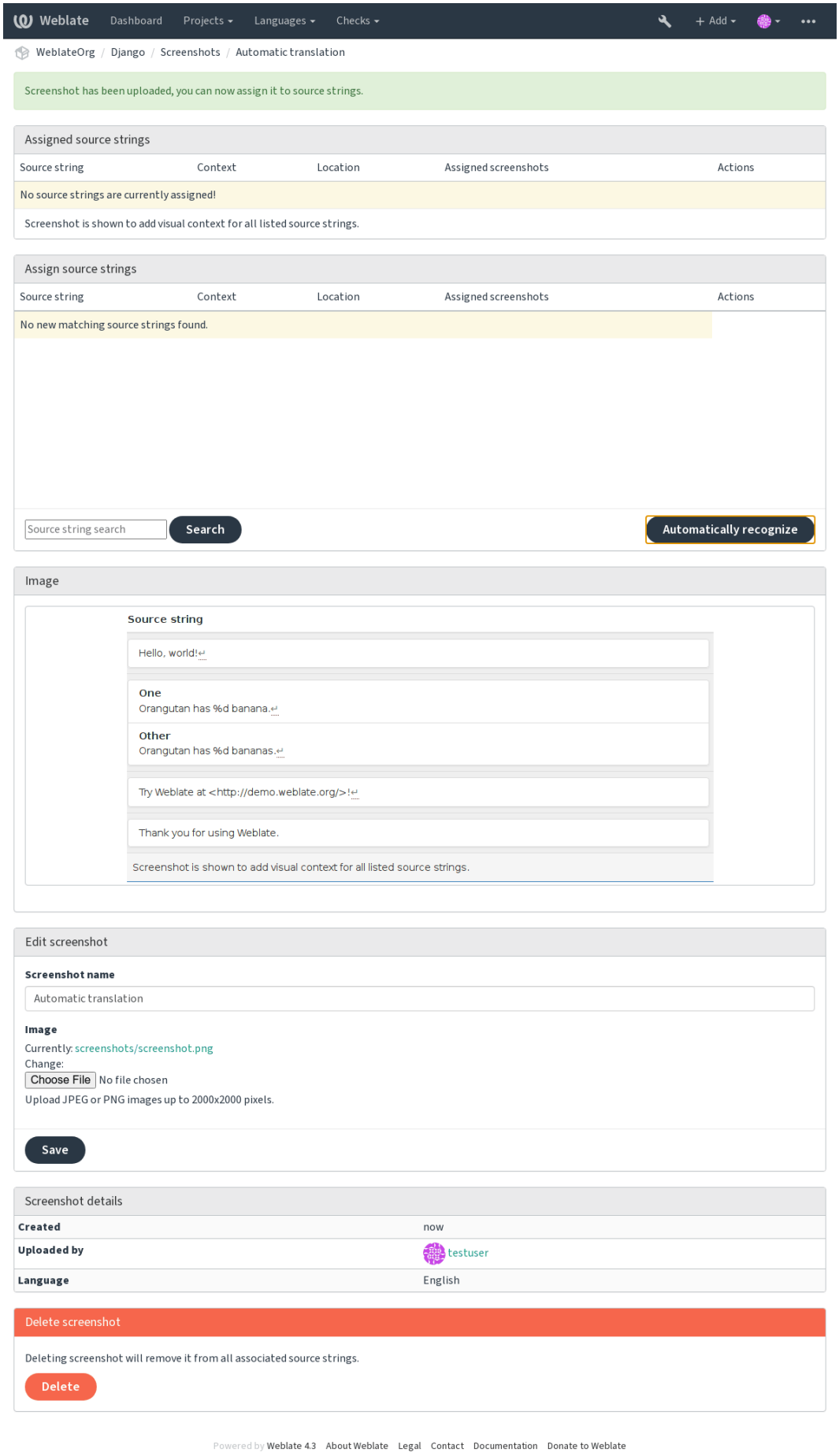
You can upload a screenshot showing a given source string in use within your program. This helps translators understand where it is used, and how it should be translated.

La captura cargada se muestra en la barra lateral de contexto de la traducción:



In addition to *Reviewing strings*, screenshots have a separate management interface under the *Tools* menu. Upload screenshots, assign them to source strings manually, or use optical character recognition to do so.

Once a screenshot is uploaded, this interface handles management and source string association:


Weblate
Dashboard
Projects
Languages
Checks
+ Add
WeblateOrg / Django / Screenshots / Automatic translation
Screenshot has been uploaded, you can now assign it to source strings.
Assigned source strings
Source string
Context
Location
Assigned screenshots
Actions
No source strings are currently assigned!
Screenshot is shown to add visual context for all listed source strings.
Assign source strings
Source string
Context
Location
Assigned screenshots
Actions
No new matching source strings found.
Source string search
Search
Automatically recognize
Image
Source string
Hello, world!
One
Orangutan has %d banana.
Other
Orangutan has %d bananas.
Try Weblate at <http://demo.weblate.org/>!
Thank you for using Weblate.
Screenshot is shown to add visual context for all listed source strings.
Edit screenshot
Screenshot name
Automatic translation
Image
Currently: screenshots/screenshot.png
Change:
Choose File
No file chosen
Upload JPEG or PNG images up to 2000x2000 pixels.
Save
Screenshot details
Created
now
Uploaded by
testuser
Language
English
Delete screenshot
Deleting screenshot will remove it from all associated source strings.
Delete
Powered by Weblate 4.3
About Weblate
Legal
Contact
Documentation
Donate to Weblate

2.12 Comprobaciones y correcciones

2.12.1 Correcciones automáticas personalizadas

You can also implement your own automatic fixup in addition to the standard ones and include them in `AUTOFIX_LIST`.

The automatic fixes are powerful, but can also cause damage; be careful when writing one.

For example, the following automatic fixup would replace every occurrence of the string `foo` in a translation with `bar`:

```
#
# Copyright © 2012 - 2020 Michal Čihař <michal@cihar.com>
#
# This file is part of Weblate <https://weblate.org/>
#
# This program is free software: you can redistribute it and/or modify
# it under the terms of the GNU General Public License as published by
# the Free Software Foundation, either version 3 of the License, or
# (at your option) any later version.
#
# This program is distributed in the hope that it will be useful,
# but WITHOUT ANY WARRANTY; without even the implied warranty of
# MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE.  See the
# GNU General Public License for more details.
#
# You should have received a copy of the GNU General Public License
# along with this program.  If not, see <https://www.gnu.org/licenses/>.
#

from django.utils.translation import gettext_lazy as _

from weblate.trans.autofixes.base import AutoFix


class ReplaceFooWithBar(AutoFix):
    """Replace foo with bar."""

    name = _("Foobar")

    def fix_single_target(self, target, source, unit):
        if "foo" in target:
            return target.replace("foo", "bar"), True
        return target, False
```

To install custom checks, provide a fully-qualified path to the Python class in the `AUTOFIX_LIST`, see *Comprobaciones de calidad, complementos y correcciones automáticas personalizadas*.

2.12.2 Personalizar el comportamiento

You can fine-tune the behavior of Weblate (mostly checks) for each source string (in source strings review, see *Información adicional sobre las cadenas de origen*) or in the *Configuración de componentes* (*Indicadores de traducción*). Some file formats also allow to specify flags directly in the format (see *Formatos de archivo admitidos*).

The flags are comma-separated, the parameters are separated with colon. You can use quotes to include whitespace or special chars in the string. For example:

```
placeholders:"special:value":"other value", regex:.*
```

Here is a list of flags currently accepted:

rst-text Treat a text as an reStructuredText document, affects *Traducción no modificada*.

md-text Treat text as a Markdown document.

dos-eol Uses DOS end-of-line markers instead of Unix ones (`\r\n` instead of `\n`).

url The string should consist of only a URL.

safe-html The string should be HTML safe, see *HTML inseguro*.

read-only La cadena es de solo lectura y no debe editarse en Weblate; vea *Cadenas de solo lectura*.

priority:N Priority of the string. Higher priority strings are presented first for translation. The default priority is 100, the higher priority a string has, the earlier it is offered for translation.

max-length:N Limit the maximal length for a string to N characters, see *Longitud máxima de la traducción*.

xml-text Treat text as XML document, affects *Sintaxis XML* and *Marcación XML*.

font-family:NOMBRE Define font-family for rendering checks, see *Gestionar tipos de letra*.

font-weight:PESO Define font-weight for rendering checks, see *Gestionar tipos de letra*.

font-size:TAMAÑO Define font-size for rendering checks, see *Gestionar tipos de letra*.

font-spacing:ESPACIADO Define font-spacing for rendering checks, see *Gestionar tipos de letra*.

placeholders:NOMBRE Placeholder strings expected in translation, see *Sustitutorios*.

**replacements:FROM:TO:FROM2:TO2...`** Replacements to perform when checking resulting text parameters (for example in *Tamaño máximo de la traducción* or *Longitud máxima de la traducción*). The typical use case for this is to expand placeables to ensure that the text fits even with long names, for example: `replacements:%s:"John Doe"`.

regex:REGEX Expresión regular utilizada para relacionar traducciones; vea *Expresión regular*.

python-format, c-format, php-format, python-brace-format, javascript-format, c-sharp-format, ja
Treats all strings like format strings, affects *Formatted strings*, *Formatted strings*, *Formatted strings*, *Formatted strings*, *Formatted strings*, *Formatted strings*, *Formatted strings*, *Formatted strings*, *Formatted strings*, *Formatted strings*, *Formatted strings*, *Traducción no modificada*.

strict-same Hace que «Traducción no modificada» evite la lista de palabras incorporada; vea *Traducción no modificada*.

ignore-bbcode Pasa por alto la comprobación de calidad «Marcación BBcode».

ignore-duplicate Pasa por alto la comprobación de calidad «Palabras consecutivas duplicadas».

ignore-double-space Pasa por alto la comprobación de calidad «Espacio duplicado».

ignore-angularjs-format Pasa por alto la comprobación de calidad «Cadena de interpolación de AngularJS».

ignore-c-format Pasa por alto la comprobación de calidad «Formato C».

ignore-c-sharp-format Pasa por alto la comprobación de calidad «Formato C#».

ignore-es-format Pasa por alto la comprobación de calidad «Literales de plantilla ECMAScript».

ignore-i18next-interpolation Pasa por alto la comprobación de calidad «Interpolación con i18next».

ignore-java-format Pasa por alto la comprobación de calidad «Formato Java».

ignore-java-messageformat Pasa por alto la comprobación de calidad «MessageFormat de Java».

ignore-javascript-format Pasa por alto la comprobación de calidad «Formato JavaScript».

ignore-percent-placeholders Pasa por alto la comprobación de calidad «Sustitutorios con signo de porcentaje».

ignore-perl-format Pasa por alto la comprobación de calidad «Formato Perl».

ignore-php-format Pasa por alto la comprobación de calidad «Formato PHP».

ignore-python-brace-format Pasa por alto la comprobación de calidad «Formato de llaves de Python».

ignore-python-format Pasa por alto la comprobación de calidad «Formato Python».

ignore-qt-format Pasa por alto la comprobación de calidad «Formato Qt».

ignore-qt-plural-format Pasa por alto la comprobación de calidad «Formato de plurales de Qt».

ignore-ruby-format Pasa por alto la comprobación de calidad «Formato Ruby».

ignore-vue-format Skip the «Vue I18n formatting» quality check.

ignore-translated Pasa por alto la comprobación de calidad «Se había traducido».

ignore-inconsistent Pasa por alto la comprobación de calidad «Incoherente».

ignore-kashida Pasa por alto la comprobación de calidad «Kashida utilizado».

ignore-md-link Pasa por alto la comprobación de calidad «Enlaces de Markdown».

ignore-md-reflink Pasa por alto la comprobación de calidad «Referencias de Markdown».

ignore-md-syntax Pasa por alto la comprobación de calidad «Sintaxis de Markdown».

ignore-max-length Pasa por alto la comprobación de calidad «Longitud máxima de la traducción».

ignore-max-size Pasa por alto la comprobación de calidad «Tamaño máximo de la traducción».

ignore-escaped-newline Pasa por alto la comprobación de calidad «n desiguales».

ignore-end-colon Pasa por alto la comprobación de calidad «Dos puntos desiguales».

ignore-end-ellipsis Pasa por alto la comprobación de calidad «Puntos suspensivos desiguales».

ignore-end-exclamation Pasa por alto la comprobación de calidad «Signo de exclamación desigual».

ignore-end-stop Pasa por alto la comprobación de calidad «Punto final desigual».

ignore-end-question Pasa por alto la comprobación de calidad «Signo de interrogación desigual».

ignore-end-semicolon Pasa por alto la comprobación de calidad «Punto y coma desigual».

ignore-newline-count Pasa por alto la comprobación de calidad «Saltos de renglón desiguales».

ignore-plurals Pasa por alto la comprobación de calidad «Faltan plurales».

ignore-placeholders Pasa por alto la comprobación de calidad «Sustitutorios».

ignore-punctuation-spacing Pasa por alto la comprobación de calidad «Espaciado de puntuación».

ignore-regex Pasa por alto la comprobación de calidad «Expresión regular».

ignore-same-plurals Pasa por alto la comprobación de calidad «Mismos plurales».

ignore-begin-newline Pasa por alto la comprobación de calidad «Salto de renglón al inicio».

ignore-begin-space Pasa por alto la comprobación de calidad «Espacios iniciales».

ignore-end-newline Pasa por alto la comprobación de calidad «Salto de renglón al final».

ignore-end-space Pasa por alto la comprobación de calidad «Espacio al final».

ignore-same Pasa por alto la comprobación de calidad «Traducción no modificada».

ignore-safe-html Pasa por alto la comprobación de calidad «HTML inseguro».

ignore-url Pasa por alto la comprobación de calidad «URL».

ignore-xml-tags Pasa por alto la comprobación de calidad «Marcación XML».

ignore-xml-invalid Pasa por alto la comprobación de calidad «Sintaxis XML».

ignore-zero-width-space Pasa por alto la comprobación de calidad «Espacio de anchura cero».

ignore-ellipsis Pasa por alto la comprobación de calidad «Puntos suspensivos».

ignore-long-untranslated Pasa por alto la comprobación de calidad «Largamente no traducida».

ignore-multiple-failures Pasa por alto la comprobación de calidad «Varias comprobaciones fallidas».

ignore-unnamed-format Pasa por alto la comprobación de calidad «Varias variables sin nombre».

ignore-optional-plural Pasa por alto la comprobación de calidad «No pluralizada».

Nota: Generally the rule is named `ignore-*` for any check, using its identifier, so you can use this even for your custom checks.

These flags are understood both in *Configuración de componentes* settings, per source string settings and in the translation file itself (for example in GNU gettext).

2.12.3 Enforcing checks

Nuevo en la versión 3.11.

You can configure a list of checks which can not be ignored by setting *Comprobaciones obligatorias* in *Configuración de componentes*. Each listed check can not be ignored in the user interface and any string failing this check is marked as *Needs editing* (see *Translation states*).

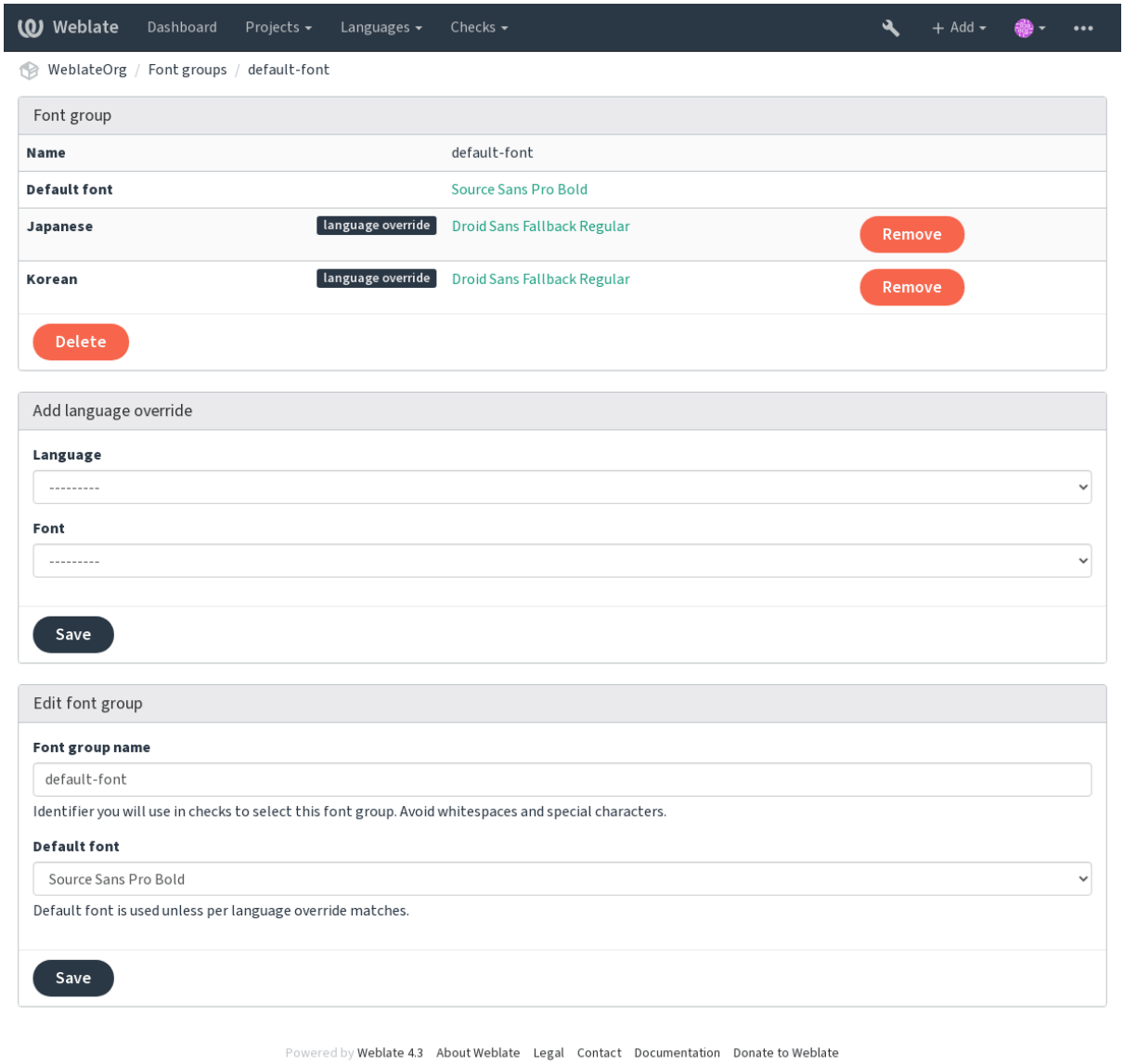
2.12.4 Gestionar tipos de letra

Nuevo en la versión 3.7.

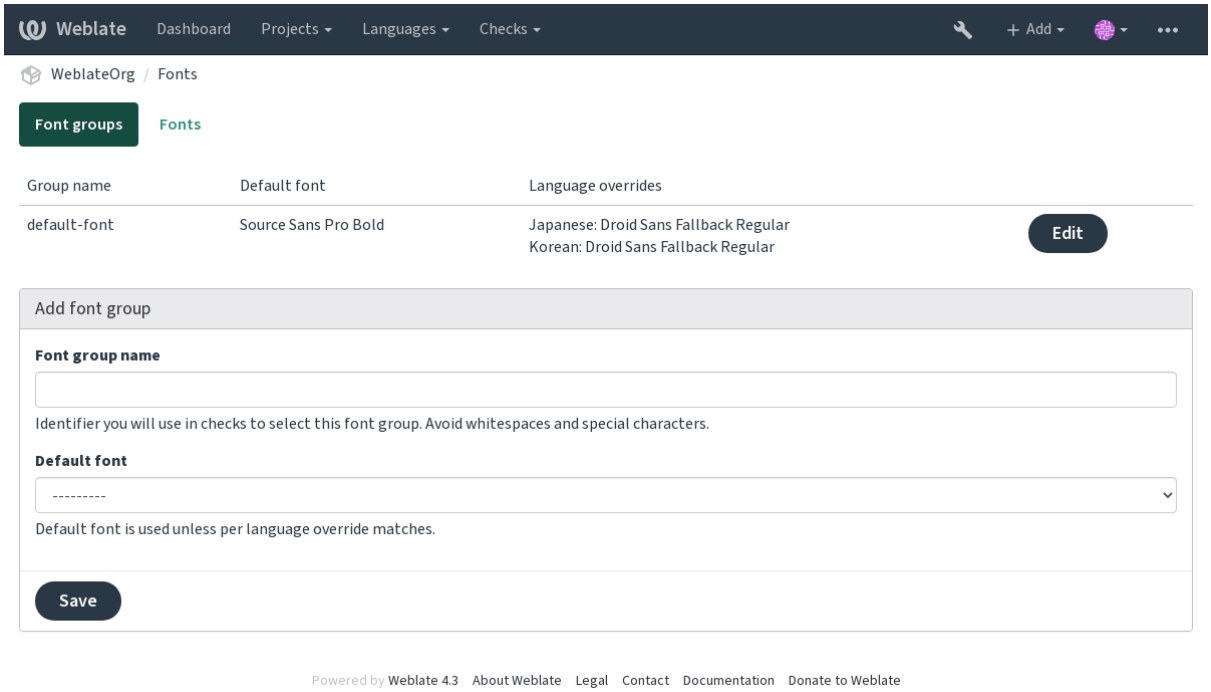
The *Tamaño máximo de la traducción* check used to calculate dimensions of the rendered text needs font info to be selected, which can be done in the Weblate font management tool in *Fonts* under the *Manage* menu of your translation project.

TrueType or OpenType fonts can be uploaded, set up font-groups and use those in the check.

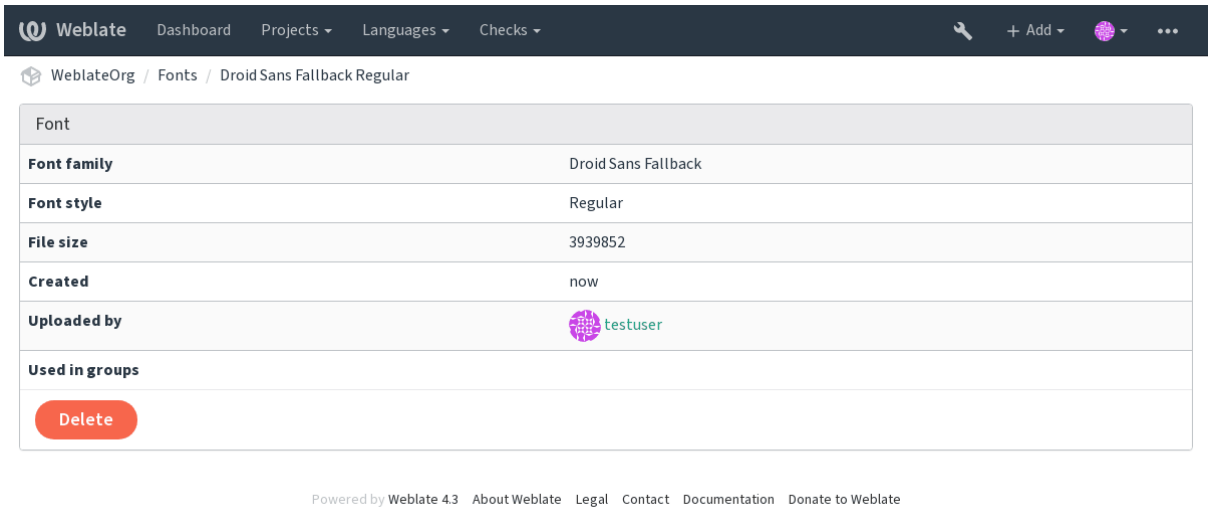
The font-groups allow you to define different fonts for different languages, which is typically needed for non-latin languages:



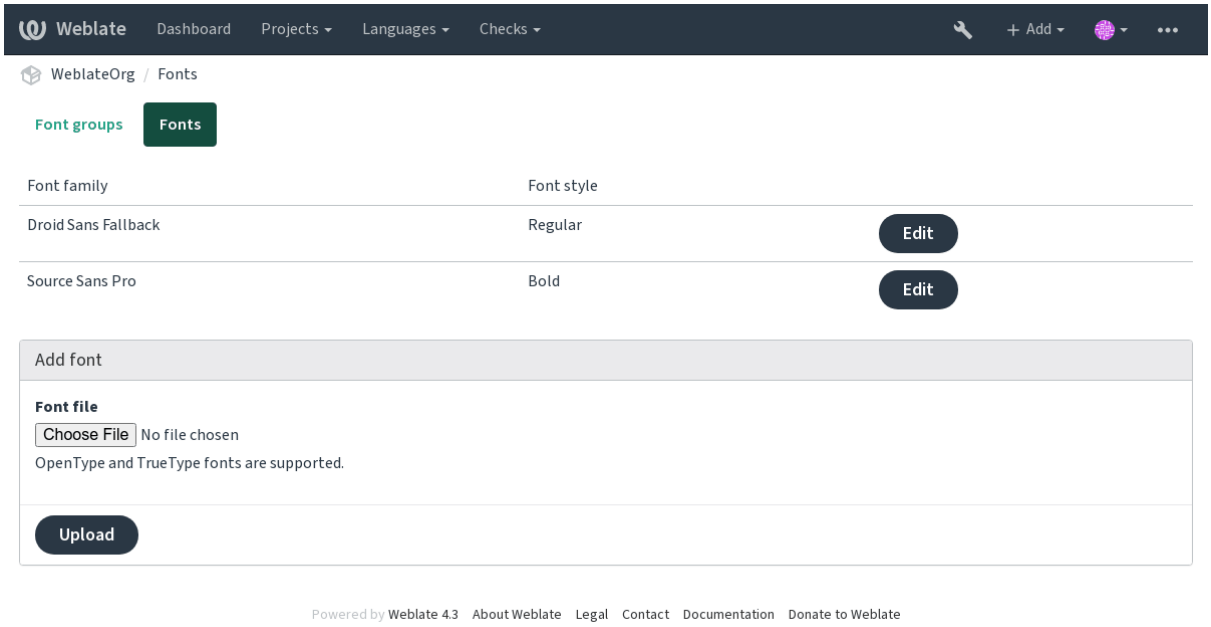
The font-groups are identified by name, which can not contain whitespace or special characters, so that it can be easily used in the check definition:



Font-family and style is automatically recognized after uploading them:



You can have a number of fonts loaded into Weblate:



To use the fonts for checking the string length, pass it the appropriate flags (see *Personalizar el comportamiento*). You will probably need the following ones:

`max-size:500` Defines maximal width.

`font-family:ubuntu` Defines font group to use by specifying its identifier.

`font-size:22` Defines font size.

2.12.5 Writing own checks

A wide range of quality checks are built-in, (see *Comprobaciones de calidad*), though they might not cover everything you want to check. The list of performed checks can be adjusted using `CHECK_LIST`, and you can also add custom checks.

1. Subclass the *weblate.checks.Check*
2. Defina algunos atributos.
3. Implement either the `check` (if you want to deal with plurals in your code) or the `check_single` method (which does it for you).

He aquí algunos ejemplos:

To install custom checks, provide a fully-qualified path to the Python class in the `CHECK_LIST`, see *Comprobaciones de calidad, complementos y correcciones automáticas personalizadas*.

Checking translation text does not contain «foo»

Esta es una comprobación bastante simple que se limita a revisar si a la traducción le falta la cadena «tal».

```
#
# Copyright © 2012 - 2020 Michal Čihař <michal@cihar.com>
#
# This file is part of Weblate <https://weblate.org/>
#
# This program is free software: you can redistribute it and/or modify
# it under the terms of the GNU General Public License as published by
# the Free Software Foundation, either version 3 of the License, or
# (at your option) any later version.
```

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```
#
# This program is distributed in the hope that it will be useful,
# but WITHOUT ANY WARRANTY; without even the implied warranty of
# MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE.  See the
# GNU General Public License for more details.
#
# You should have received a copy of the GNU General Public License
# along with this program.  If not, see <https://www.gnu.org/licenses/>.
#
"""Simple quality check example."""

from django.utils.translation import gettext_lazy as _

from weblate.checks.base import TargetCheck


class FooCheck(TargetCheck):

    # Used as identifier for check, should be unique
    # Has to be shorter than 50 characters
    check_id = "foo"

    # Short name used to display failing check
    name = _("Foo check")

    # Description for failing check
    description = _("Your translation is foo")

    # Real check code
    def check_single(self, source, target, unit):
        return "foo" in target
```

Checking that Czech translation text plurals differ

Comprobación que utiliza la información de idioma para cerciorarse de que las dos formas de plural en checo no sean iguales.

```
#
# Copyright © 2012 - 2020 Michal Čihař <michal@cihar.com>
#
# This file is part of Weblate <https://weblate.org/>
#
# This program is free software: you can redistribute it and/or modify
# it under the terms of the GNU General Public License as published by
# the Free Software Foundation, either version 3 of the License, or
# (at your option) any later version.
#
# This program is distributed in the hope that it will be useful,
# but WITHOUT ANY WARRANTY; without even the implied warranty of
# MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE.  See the
# GNU General Public License for more details.
#
# You should have received a copy of the GNU General Public License
# along with this program.  If not, see <https://www.gnu.org/licenses/>.
#
"""Quality check example for Czech plurals."""

from django.utils.translation import gettext_lazy as _
```

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```
from weblate.checks.base import TargetCheck


class PluralCzechCheck(TargetCheck):

    # Used as identifier for check, should be unique
    # Has to be shorter than 50 characters
    check_id = "foo"

    # Short name used to display failing check
    name = _("Foo check")

    # Description for failing check
    description = _("Your translation is foo")

    # Real check code
    def check_target_unit(self, sources, targets, unit):
        if self.is_language(unit, ("cs",)):
            return targets[1] == targets[2]
        return False

    def check_single(self, source, target, unit):
        """We don't check target strings here."""
        return False
```

2.13 Traducción automática

Built-in support for several machine translation services and can be turned on by the administrator using *MT_SERVICES* for each one. They come subject to their terms of use, so ensure you are allowed to use them how you want.

The source language can be configured at *Configuración de proyectos*.

2.13.1 amaGama

Special installation of *tmserver* run by the authors of Virtaal.

Turn on this service by adding `weblate.machinery.tmserver.AmagamaTranslation` to *MT_SERVICES*.

Ver también:

Installing amaGama, Amagama, amaGama Translation Memory

2.13.2 Apertium

A libre software machine translation platform providing translations to a limited set of languages.

The recommended way to use Apertium is to run your own Apertium-APy server.

Turn on this service by adding `weblate.machinery.apertium.ApertiumAPYTranslation` to *MT_SERVICES* and set *MT_APERTIUM_APY*.

Ver también:

MT_APERTIUM_APY, Apertium website, Apertium APy documentation

2.13.3 AWS

Nuevo en la versión 3.1.

Amazon Translate is a neural machine translation service for translating text to and from English across a breadth of supported languages.

1. Turn on this service by adding `weblate.machinery.aws.AWSTranslation` to *MT_SERVICES*.
2. Install the *boto3* module.
3. Configure Weblate.

Ver también:

MT_AWS_REGION, *MT_AWS_ACCESS_KEY_ID*, *MT_AWS_SECRET_ACCESS_KEY* Amazon Translate Documentation

2.13.4 Baidu API machine translation

Nuevo en la versión 3.2.

Machine translation service provided by Baidu.

This service uses an API and you need to obtain an ID and API key from Baidu to use it.

Turn on this service by adding `weblate.machinery.baidu.BaiduTranslation` to *MT_SERVICES* and set *MT_BAIDU_ID* and *MT_BAIDU_SECRET*.

Ver también:

MT_BAIDU_ID, *MT_BAIDU_SECRET* Baidu Translate API

2.13.5 DeepL

Nuevo en la versión 2.20.

DeepL is paid service providing good machine translation for a few languages. You need to purchase *DeepL API* subscription or you can use legacy *DeepL Pro (classic)* plan.

Turn on this service by adding `weblate.machinery.deepl.DeepLTranslation` to *MT_SERVICES* and set *MT_DEEPL_KEY*.

Consejo: In case you have subscription for CAT tools, you are supposed to use «v1 API» instead of default «v2» used by Weblate (it is not really an API version in this case). You can toggle this by *MT_DEEPL_API_VERSION*.

Ver también:

MT_DEEPL_KEY, *MT_DEEPL_API_VERSION*, DeepL website, DeepL pricing, DeepL API documentation

2.13.6 Glosbe

Free dictionary and translation memory for almost every living language.

The API is gratis to use, but subject to the used data source license. There is a limit of calls that may be done from one IP in a set period of time, to prevent abuse.

Turn on this service by adding `weblate.machinery.glosbe.GlosbeTranslation` to *MT_SERVICES*.

Ver también:

Glosbe website

2.13.7 Google Translate

Machine translation service provided by Google.

This service uses the Google Translation API, and you need to obtain an API key and turn on billing in the Google API console.

To turn on this service, add `weblate.machinery.google.GoogleTranslation` to *MT_SERVICES* and set *MT_GOOGLE_KEY*.

Ver también:

MT_GOOGLE_KEY, Google translate documentation

2.13.8 Google Translate API V3 (Advanced)

Machine translation service provided by Google Cloud services.

This service differs from the former one in how it authenticates. To enable service, add `weblate.machinery.googlev3.GoogleV3Translation` to *MT_SERVICES* and set

- *MT_GOOGLE_CREDENTIALS*
- *MT_GOOGLE_PROJECT*

If *location* fails, you may also need to specify *MT_GOOGLE_LOCATION*.

Ver también:

MT_GOOGLE_CREDENTIALS, *MT_GOOGLE_PROJECT*, *MT_GOOGLE_LOCATION* Google translate documentation

2.13.9 Microsoft Cognitive Services Translator

Nuevo en la versión 2.10.

Machine translation service provided by Microsoft in Azure portal as a one of Cognitive Services.

Weblate implements Translator API V3.

To enable this service, add `weblate.machinery.microsoft.MicrosoftCognitiveTranslation` to *MT_SERVICES* and set *MT_MICROSOFT_COGNITIVE_KEY*.

Translator Text API V2

The key you use with Translator API V2 can be used with API 3.

Translator Text API V3

You need to register at Azure portal and use the key you obtain there. With new Azure keys, you also need to set *MT_MICROSOFT_REGION* to locale of your service.

Ver también:

MT_MICROSOFT_COGNITIVE_KEY, *MT_MICROSOFT_REGION*, Cognitive Services - Text Translation API, Microsoft Azure Portal

2.13.10 Servicio terminológico de Microsoft

Nuevo en la versión 2.19.

The Microsoft Terminology Service API allows you to programmatically access the terminology, definitions and user interface (UI) strings available in the Language Portal through a web service.

Turn this service on by adding `weblate.machinery.microsoftterminology.MicrosoftTerminologyService` to *MT_SERVICES*.

Ver también:

API del Servicio terminológico de Microsoft

2.13.11 ModernMT

Nuevo en la versión 4.2.

Turn this service on by adding `weblate.machinery.modernmt.ModernMTTranslation` to *MT_SERVICES* and configure *MT_MODERNMT_KEY*.

Ver también:

ModernMT API, *MT_MODERNMT_KEY*, *MT_MODERNMT_URL*

2.13.12 MyMemory

Huge translation memory with machine translation.

Free, anonymous usage is currently limited to 100 requests/day, or to 1000 requests/day when you provide a contact e-mail address in *MT_MYMEMORY_EMAIL*. You can also ask them for more.

Turn on this service by adding `weblate.machinery.mymemory.MyMemoryTranslation` to *MT_SERVICES* and set *MT_MYMEMORY_EMAIL*.

Ver también:

MT_MYMEMORY_EMAIL, *MT_MYMEMORY_USER*, *MT_MYMEMORY_KEY*, MyMemory website

2.13.13 NetEase Sight API machine translation

Nuevo en la versión 3.3.

Machine translation service provided by Netease.

This service uses an API, and you need to obtain key and secret from NetEase.

Turn on this service by adding `weblate.machinery.youdao.NeteaseSightTranslation` to *MT_SERVICES* and set *MT_NETEASE_KEY* and *MT_NETEASE_SECRET*.

Ver también:

MT_NETEASE_KEY, *MT_NETEASE_SECRET* Netease Sight Translation Platform

2.13.14 tmserver

You can run your own translation memory server by using the one bundled with Translate-toolkit and let Weblate talk to it. You can also use it with an amaGama server, which is an enhanced version of tmserver.

1. First you will want to import some data to the translation memory:

2. Turn on this service by adding `weblate.machinery.tmserver.TMServerTranslation` to *MT_SERVICES*.

```
build_tmdb -d /var/lib/tm/db -s en -t cs locale/cs/LC_MESSAGES/django.po
build_tmdb -d /var/lib/tm/db -s en -t de locale/de/LC_MESSAGES/django.po
build_tmdb -d /var/lib/tm/db -s en -t fr locale/fr/LC_MESSAGES/django.po
```

3. Start tmserver to listen to your requests:

```
tmserver -d /var/lib/tm/db
```

4. Configure Weblate to talk to it:

```
MT_TMSERVER = 'http://localhost:8888/tmserver/'
```

Ver también:

MT_TMSERVER, tmserver Installing amaGama, Amagama, Amagama Translation Memory

2.13.15 Yandex Translate

Machine translation service provided by Yandex.

This service uses a Translation API, and you need to obtain an API key from Yandex.

Turn on this service by adding `weblate.machinery.yandex.YandexTranslation` to *MT_SERVICES*, and set *MT_YANDEX_KEY*.

Ver también:

MT_YANDEX_KEY, Yandex Translate API, Powered by Yandex.Translate

2.13.16 Youdao Zhiyun API machine translation

Nuevo en la versión 3.2.

El servicio de traducciones automáticas lo brinda Youdao.

Este servicio utiliza una API; habrá de obtener un identificador y una clave de API de Youdao.

Turn on this service by adding `weblate.machinery.youdao.YoudaoTranslation` to *MT_SERVICES* and set *MT_YOUDAO_ID* and *MT_YOUDAO_SECRET*.

Ver también:

MT_YOUDAO_ID, *MT_YOUDAO_SECRET* Youdao Zhiyun Natural Language Translation Service

2.13.17 Weblate

Weblate can be the source of machine translations as well. It is based on the Woosh fulltext engine, and provides both exact and inexact matches.

Turn on these services by adding `weblate.machinery.weblatetm.WeblateTranslation` to *MT_SERVICES*.

2.13.18 Weblate Translation Memory

Nuevo en la versión 2.20.

The *Memoria de traducción* can be used as a source for machine translation suggestions as well.

Turn on these services by adding `weblate.memory.machine.WeblateMemory` to the *MT_SERVICES*. This service is turned on by default.

2.13.19 SAP Translation Hub

Machine translation service provided by SAP.

You need to have a SAP account (and enabled the SAP Translation Hub in the SAP Cloud Platform) to use this service.

Turn on this service by adding `weblate.machinery.saptranslationhub.SAPTranslationHub` to *MT_SERVICES* and set the appropriate access to either sandbox or the productive API.

Nota: To access the Sandbox API, you need to set *MT_SAP_BASE_URL* and *MT_SAP_SANDBOX_APIKEY*.

To access the productive API, you need to set *MT_SAP_BASE_URL*, *MT_SAP_USERNAME* and *MT_SAP_PASSWORD*.

Ver también:

MT_SAP_BASE_URL, *MT_SAP_SANDBOX_APIKEY*, *MT_SAP_USERNAME*, *MT_SAP_PASSWORD*, *MT_SAP_USE_MT* SAP Translation Hub API

2.13.20 Traducción automática personalizada

You can also implement your own machine translation services using a few lines of Python code. This example implements machine translation in a fixed list of languages using `dictionary` Python module:

```
#
# Copyright © 2012 - 2020 Michal Čihař <michal@cihar.com>
#
# This file is part of Weblate <https://weblate.org/>
#
# This program is free software: you can redistribute it and/or modify
# it under the terms of the GNU General Public License as published by
# the Free Software Foundation, either version 3 of the License, or
# (at your option) any later version.
#
# This program is distributed in the hope that it will be useful,
# but WITHOUT ANY WARRANTY; without even the implied warranty of
# MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE.  See the
# GNU General Public License for more details.
#
# You should have received a copy of the GNU General Public License
```

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```
# along with this program.  If not, see <https://www.gnu.org/licenses/>.
#
"""Machine translation example."""

import dictionary

from weblate.machinery.base import MachineTranslation


class SampleTranslation(MachineTranslation):
    """Sample machine translation interface."""

    name = "Sample"

    def download_languages(self):
        """Return list of languages your machine translation supports."""
        return {"cs"}

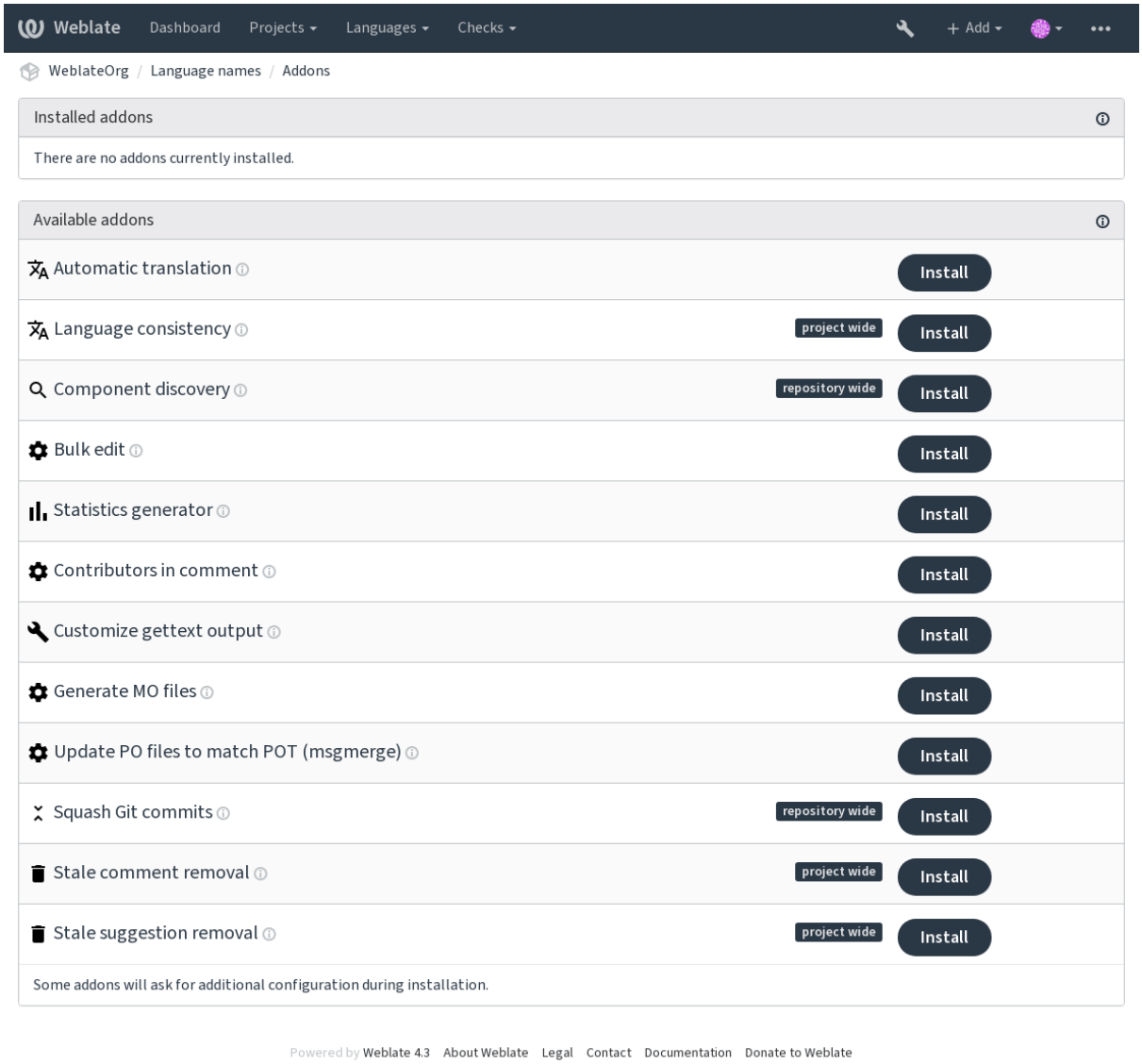
    def download_translations(self, source, language, text, unit, user, search):
        """Return tuple with translations."""
        for t in dictionary.translate(text):
            yield {"text": t, "quality": 100, "service": self.name, "source": text}
```

You can list own class in `MT_SERVICES` and Weblate will start using that.

2.14 Complementos

Nuevo en la versión 2.19.

Addons provide ways to customize translation workflow. They can be installed in the translation component view, and work behind the scenes. Addon management is available from the *Manage* ↓ *Addons* menu of each respective translation component for admins.



2.14.1 Complementos incorporados

Traducción automática

Nuevo en la versión 3.9.

Traduce automáticamente las cadenas mediante traducción automática u otros componentes.

This addon is triggered automatically when new strings appear in a component.

Ver también:

Traducción automática, *Mantener iguales las traducciones entre los componentes*

CDN de regionalización de JavaScript

Nuevo en la versión 4.2.

Añade una CDN para la regionalización de JavaScript o HTML.

It can be used to localize static HTML pages or used to load localization in the JavaScript code.

Upon installation the addon generates unique URL for your component which you can include in the HTML documents to get them localized. See *Traducir HTML y JavaScript mediante la CDN de Weblate* for more details.

Ver también:

Configurar el complemento de la CDN de Weblate, *Traducir HTML y JavaScript mediante la CDN de Weblate*, *Extracción de cadenas para la CDN de Weblate*, *HTML localization using Weblate CDN*

Limpieza de archivos de traducción

Actualice todos los archivos de traducción para que coincidan con el archivo base monolingüe. Para la mayoría de los formatos de archivo, esto significa quitar las claves de traducción obsoletas que ya no están presentes en el archivo base.

Consistencia del idioma

Garantiza que todos los componentes de un proyecto tengan traducciones en todos los idiomas añadidos para traducción.

It creates empty translations in languages that have unadded components.

Missing languages are checked once every 24 hours and when a new language is added in Weblate.

Unlike most others, this addon affects the whole project.

Consejo: Auto-translate the newly added strings with *Traducción automática*.

Detección de componentes

Añade o quita automáticamente componentes del proyecto en función de los cambios de los archivos en el sistema de control de versiones.

It is triggered on every VCS update, and otherwise similar to the `import_project` management command. This way you can track multiple translation components within one VCS.

Create one main component least likely to disappear in the future, and others will employ *URL internos de Weblate* to it as a VCS configuration, and configure it to find all components in it.

The matching is done using regular expressions, where power is a tradeoff for complexity in configuration. Some examples for common use cases can be found in the addon help section.

Once you hit *Save*, a preview of matching components will be presented, from where you can check whether the configuration actually matches your needs:

Weblate Dashboard Projects Languages Checks + Add

WeblateOrg / Language names / Addons / Component discovery

Configure addon

- Please review and confirm the matched components.

Component	Matched files
Following components would be created	
Djangojs	`weblate/locale/he/LC_MESSAGES/djangojs.po` (he) `weblate/locale/hu/LC_MESSAGES/djangojs.po` (hu) `weblate/locale/cs/LC_MESSAGES/djangojs.po` (cs)
Django	`weblate/locale/he/LC_MESSAGES/django.po` (he) `weblate/locale/hu/LC_MESSAGES/django.po` (hu) `weblate/locale/cs/LC_MESSAGES/django.po` (cs)

☐ **I confirm the above matches look correct**

Regular expression to match translation files against

weblate/locale/(?P<language>[^/]*)/LC_MESSAGES/(?P<component>[^/]*)\.po

File format

gettext PO file

Customize the component name

{{ component|title }}

Define the monolingual base filename

Leave empty for bilingual translation files.

Define the base file for new translations

weblate/locale/{{ component }}.pot

Filename of file used for creating new translations. For gettext choose .pot file.

Language filter

^(cs|he|hu)$

Regular expression to filter translation against when scanning for filemask.

☑ **Clone addons from the main component to the newly created ones**

☐ **Remove components for inexistant files**

The regular expression to match translation files has to contain two named groups to match component and language, some examples:

Regular expression	Example matched files	Description

`(?P<language>[^/.]*)/(?P<component>[^/]*)\.po`	`cs/application.po`
	`cs/website.po`
	`de/application.po`
	`de/website.po`
		One folder per language containing translation files for components.

`locale/(?P<language>[^/.]*)/LC_MESSAGES/(?P<component>[^/]*)\.po`	`locale/cs/LC_MESSAGES/application.po`
	`locale/cs/LC_MESSAGES/website.po`
	`locale/de/LC_MESSAGES/application.po`
	`locale/de/LC_MESSAGES/website.po`
		Usual structure for storing gettext PO files.

`src/locale/(?P<component>[^/]*)\.(?P<language>[^/.]*)\.po`	`src/locale/application.cs.po`
	`src/locale/website.cs.po`
	`src/locale/application.de.po`
	`src/locale/website.de.po`
		Using both component and language name within filename.

`locale/(?P<language>[^/.]*)/(?P<component>[^/]*)/(?P=language)\.po`	`locale/cs/application/cs.po`
	`locale/cs/website/cs.po`
	`locale/de/application/de.po`
	`locale/de/website/de.po`
		Using language in both path and filename.

`res/values-(?P<language>[^/.]*)/strings-(?P<component>[^/]*)\.xml`	`res/values-cs/strings-about.xml`
	`res/values-cs/strings-help.xml`
	`res/values-de/strings-about.xml`
	`res/values-de/strings-help.xml`
		Android resource strings, split into several files.

You can use Django template markup in both component name and the monolingual base filename, for example:

`{{ component }}`
Component filename match
`{{ component|title }}`
Component filename with upper case first letter

Save

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Ver también:

Template markup

Edición en masa

Nuevo en la versión 3.11.

Edite indicadores, etiquetas o estados de manera masiva.

Automating the labeling of new strings can be useful (start out with search query `NOT has:label` and add desired labels till all strings are properly labeled). You can also carry out any other automated operations for Weblate metadata.

Ver también:

Edición en masa

Marcar traducciones sin cambios como «Necesitan edición»

Nuevo en la versión 3.1.

Cada vez que se importa una cadena traducible nueva desde el VCS y corresponde a una cadena de origen, se marca como necesaria la edición en Weblate. Esto es útil sobre todo para aquellos formatos de archivo que incluyen todas las cadenas, incluso las no traducidas.

Marcar cadenas de origen nuevas como «Necesitan edición»

Cuando se importa una cadena de origen nueva desde el VCS, se marca como necesaria la edición en Weblate. De esta manera usted puede filtrar y editar cadenas de origen escritas por los desarrolladores con facilidad.

Marcar traducciones nuevas como «Necesitan edición»

Cuando se importa una cadena traducible nueva desde el VCS, se marca como necesaria la edición en Weblate. De esta manera usted puede filtrar y editar las traducciones creadas por los desarrolladores con facilidad.

Generador de estadísticas

Genera un archivo con información detallada sobre la traducción.

You can use Django template in both filename and content, see *Template markup* for a detailed markup description.

For example generating summary file for each translation:

Nombre del archivo generado `locale/{{ language_code }}.json`

Contenido

```
{
   "language": "{{ language_code }}",
   "strings": "{{ stats.all }}",
   "translated": "{{ stats.translated }}",
   "last_changed": "{{ stats.last_changed }}",
   "last_author": "{{ stats.last_author }}",
}
```

Ver también:

Template markup

Contribuidores en comentarios

Actualiza el comentario en la cabecera del archivo PO para incluir los nombres de los contribuidores y los años de las contribuciones.

La cabecera del archivo PO contendrá una lista de contribuidores y los años en los que colaboraron:

```
# Michal Čihař <michal@cihar.com>, 2012, 2018, 2019, 2020.
# Pavel Borecki <pavel@example.com>, 2018, 2019.
# Filip Hron <filip@example.com>, 2018, 2019.
# anonymous <noreply@weblate.org>, 2019.
```

Actualizar variable ALL_LINGUAS en el archivo «configure»

Updates the ALL_LINGUAS variable in `configure`, `configure.in` or any `configure.ac` files, when a new translation is added.

Personalizar la salida de gettext

Permite la personalización del comportamiento de salida de gettext, por ejemplo, ajuste de líneas.

It offers the following options:

- Wrap lines at 77 characters and at newlines
- Ajustar renglones únicamente en los saltos
- No ajustar renglones

Nota: By default gettext wraps lines at 77 characters and for newlines. With the `--no-wrap` parameter, it wraps only at newlines.

Actualizar archivo LINGUAS

Actualiza el archivo LINGUAS al añadir una traducción nueva.

Generar archivos MO

Genera automáticamente un archivo MO por cada archivo PO modificado.

Actualizar archivos PO para que coincidan con POT (msgmerge)

Updates all PO files to match the POT file using msgmerge. Triggered whenever new changes are pulled from the upstream repository and updates all translation files to match *Plantilla para traducciones nuevas*. You can configure most of the msgmerge command line options through the addon configuration.

Concentrar consignas de Git

Concentrar las consignas de Git antes de enviar los cambios.

Puede elegir uno de los modos siguientes:

Nuevo en la versión 3.4.

- Todas las consignas en una sola
- Por idioma
- Por archivo

Nuevo en la versión 3.5.

- Por autor

Se conservarán los mensajes de consigna originales pero la autoría se perderá, a menos que seleccione *Por autor* o personalice el mensaje de consigna para incluirla.

Nuevo en la versión 4.1.

The original commit messages can optionally be overridden with a custom commit message.

Existe la opción de quitar los renglones finales (como `Co-authored-by: ...`) de los mensajes de consigna originales y reañadirlos al mensaje de la consigna concentrada. `Co-authored-by:` asegurará además la debida acreditación a cada uno de los traductores.

Personalizar la salida de JSON

Permite ajustar el comportamiento de salida de JSON, por ejemplo, sangría o clasificación.

Formatea el archivo de propiedades de Java

Ordena el archivo de propiedades de Java.

Retiro de comentarios obsoletos

Nuevo en la versión 3.7.

Fijar un plazo para el borrado de los comentarios.

Esto puede resultar útil para quitar los comentarios antiguos que pueden ya no ser aplicables. Utilícela con cuidado, pues el hecho de que un comentario sea antiguo no necesariamente denota que ha perdido importancia.

Retiro de sugerencias obsoletas

Nuevo en la versión 3.7.

Fijar un plazo para el borrado de sugerencias.

This can be very useful in connection with suggestion voting (see *Revisión por pares*) to remove suggestions which don't receive enough positive votes in a given timeframe.

Actualizar archivos RESX

Nuevo en la versión 3.9.

Actualiza todos los archivos de traducción para que coincidan con el archivo de base monolingüe original. Las cadenas no utilizadas se retiran y las nuevas se añaden como copias de las cadenas de origen.

Consejo: Use *Limpieza de archivos de traducción* if you only want to remove stale translation keys.

Personalizar salida de YAML

Nuevo en la versión 3.10.2.

Permite ajustar el comportamiento de salida de YAML, como la longitud de los renglones y los saltos.

2.14.2 Customizing list of addons

The list of addons is configured by `WEBLATE_ADDONS`. To add another addon, simply include class absolute name in this setting.

2.14.3 Escribir un complemento

You can write your own addons too, all you need to do is subclass `BaseAddon`, define the addon metadata and implement a callback which will do the processing.

Here is an example addon:

```
#
# Copyright © 2012 - 2020 Michal Čihař <michal@cihar.com>
#
# This file is part of Weblate <https://weblate.org/>
#
# This program is free software: you can redistribute it and/or modify
# it under the terms of the GNU General Public License as published by
# the Free Software Foundation, either version 3 of the License, or
# (at your option) any later version.
#
# This program is distributed in the hope that it will be useful,
# but WITHOUT ANY WARRANTY; without even the implied warranty of
# MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE.  See the
# GNU General Public License for more details.
#
# You should have received a copy of the GNU General Public License
# along with this program.  If not, see <https://www.gnu.org/licenses/>.
#


from django.utils.translation import gettext_lazy as _

from weblate.addons.base import BaseAddon
from weblate.addons.events import EVENT_PRE_COMMIT


class ExampleAddon(BaseAddon):
    # Filter for compatible components, every key is
    # matched against property of component
    compat = {"file_format": {"po", "po-mono"}}
```

(continué en la próxima página)

(proviene de la página anterior)

```
    # List of events addon should receive
    events = (EVENT_PRE_COMMIT,)
    # Addon unique identifier
    name = "weblate.example.example"
    # Verbose name shown in the user interface
    verbose = _("Example addon")
    # Detailed addon description
    description = _("This addon does nothing it is just an example.")

    # Callback to implement custom behavior
    def pre_commit(self, translation, author):
        return
```

2.14.4 Executing scripts from addon

Addons can also be used to execute external scripts. This used to be integrated in Weblate, but now you have to write some code to wrap your script with an addon.

```
#
# Copyright © 2012 - 2020 Michal Čihař <michal@cihar.com>
#
# This file is part of Weblate <https://weblate.org/>
#
# This program is free software: you can redistribute it and/or modify
# it under the terms of the GNU General Public License as published by
# the Free Software Foundation, either version 3 of the License, or
# (at your option) any later version.
#
# This program is distributed in the hope that it will be useful,
# but WITHOUT ANY WARRANTY; without even the implied warranty of
# MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE.  See the
# GNU General Public License for more details.
#
# You should have received a copy of the GNU General Public License
# along with this program.  If not, see <https://www.gnu.org/licenses/>.
#
"""Example pre commit script."""


from django.utils.translation import gettext_lazy as _

from weblate.addons.events import EVENT_PRE_COMMIT
from weblate.addons.scripts import BaseScriptAddon


class ExamplePreAddon(BaseScriptAddon):
    # Event used to trigger the script
    events = (EVENT_PRE_COMMIT,)
    # Name of the addon, has to be unique
    name = "weblate.example.pre"
    # Verbose name and long descrption
    verbose = _("Execute script before commit")
    description = _("This addon executes a script.")

    # Script to execute
    script = "/bin/true"
    # File to add in commit (for pre commit event)
    # does not have to be set
    add_file = "po/{{ language_code }}.po"
```

For installation instructions see *Comprobaciones de calidad, complementos y correcciones automáticas personalizadas*.

The script is executed with the current directory set to the root of the VCS repository for any given component.

Additionally, the following environment variables are available:

WL_VCS
Sistema de control de versiones utilizado.

WL_REPO
Upstream repository URL.

WL_PATH
Absolute path to VCS repository.

WL_BRANCH
Nuevo en la versión 2.11.

Rama del repositorio configurada en el componente actual.

WL_FILEMASK
Filemask for current component.

WL_TEMPLATE
Nombre de archivo de plantilla para traducciones monolingües (puede quedar vacío).

WL_NEW_BASE
Nuevo en la versión 2.14.

Nombre del archivo utilizado para crear traducciones nuevas (puede quedar vacío).

WL_FILE_FORMAT
Formato de archivo utilizado en el componente actual.

WL_LANGUAGE
Idioma de la traducción procesada actualmente (no disponible para actuadores a nivel componente).

WL_PREVIOUS_HEAD
Previous HEAD on update (available only when running post update hook).

WL_COMPONENT_SLUG
Nuevo en la versión 3.9.

Component slug used to construct URL.

WL_PROJECT_SLUG
Nuevo en la versión 3.9.

Project slug used to construct URL.

WL_COMPONENT_NAME
Nuevo en la versión 3.9.

Nombre del componente.

WL_PROJECT_NAME
Nuevo en la versión 3.9.

Nombre del proyecto.

WL_COMPONENT_URL
Nuevo en la versión 3.9.

URL del componente.

WL_ENGAGE_URL
Nuevo en la versión 3.9.

URL de participación del proyecto.

Ver también:

Configuración de componentes

Post update repository processing

Post update repository processing can be used to update translation files when the VCS upstream source changes. To achieve this, please remember that Weblate only sees files committed to the VCS, so you need to commit changes as a part of the script.

For example with Gulp you can do it using following code:

```
#! /bin/sh
gulp --gulpfile gulp-i18n-extract.js
git commit -m 'Update source strings' src/languages/en.lang.json
```

Pre commit processing of translations

Use the commit script to automatically make changes to the translation before it is committed to the repository.

It is passed as a single parameter consisting of the filename of a current translation.

2.15 Memoria de traducción

Nuevo en la versión 2.20.

Weblate incluye una memoria de traducción incorporada que consiste de lo siguiente:

- Manually imported translation memory (see *Interfaz de usuario*).
- Automatically stored translations performed in Weblate (depending on *Ámbitos de la memoria de traducción*).
- Traducciones pasadas importadas automáticamente.

El contenido de la memoria de traducción puede aplicarse de dos maneras:

- Manually, *Sugerencias automáticas* view while translating.
- Automatically, by translating strings using *Traducción automática*, or *Traducción automática* addon.

For installation tips, see *Weblate Translation Memory*, which is turned on by default.

2.15.1 Ámbitos de la memoria de traducción

Nuevo en la versión 3.2: In earlier versions translation memory could be only loaded from a file corresponding to the current imported translation memory scope.

The translation memory scopes are there to allow both privacy and sharing of translations, to suit the desired behavior.

Memoria de traducción importada

Importing arbitrary translation memory data using the `import_memory` command makes memory content available to all users and projects.

Memoria de traducción por usuario

Stores all user translations automatically in the personal translation memory of each respective user.

Memoria de traducción por proyecto

All translations within a project are automatically stored in a project translation memory only available for this project.

Memoria de traducción compartida

Todas las traducciones que se realicen en proyectos con la memoria compartida activada se almacenan de modo tal que quedarán disponibles para todos los proyectos.

Pondere si quiere activar esta funcionalidad en instalaciones compartidas de Weblate, ya que puede tener implicaciones importantes:

- Cualquiera puede hacer uso de las traducciones.
- Esto podría causar la revelación de información secreta.

2.15.2 Gestionar la memoria de traducción

Interfaz de usuario

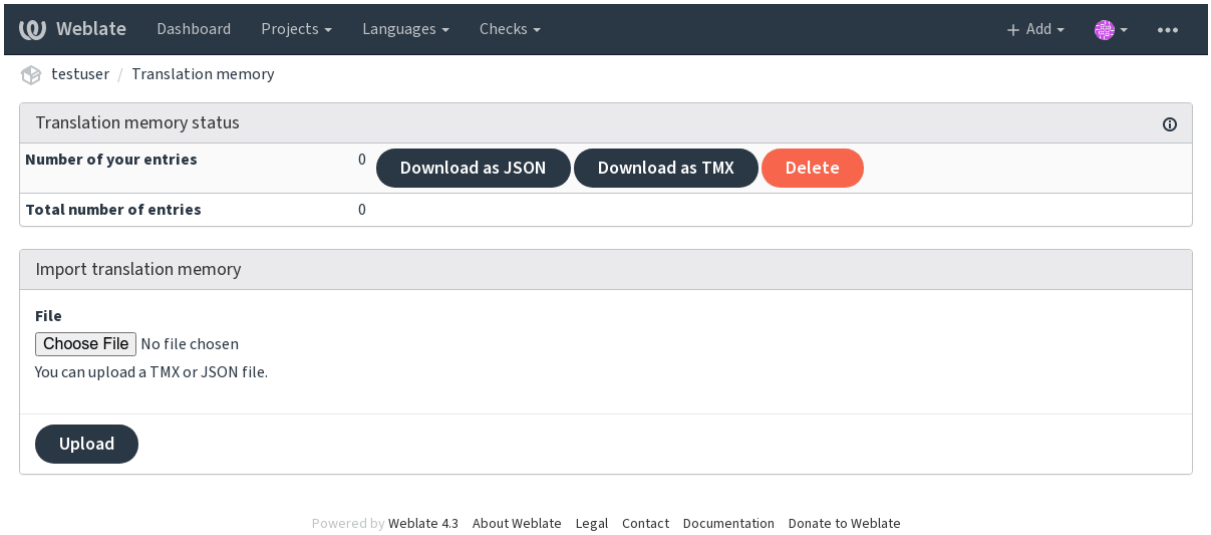
Nuevo en la versión 3.2.

In the basic user interface you can manage per user and per project translation memories. It can be used to download, wipe or import translation memory.

Consejo: Las memorias de traducción JSON pueden importarse en Weblate. Se brinda el formato TMX por razones de interoperatividad con otras herramientas.

Ver también:

Weblate Translation Memory Schema



Interfaz de gestión

There are several management commands to manipulate the translation memory content. These operate on the translation memory as whole, unfiltered by scopes (unless requested by parameters):

dump_memory Exporta la memoria a JSON

import_memory Importa archivos TMX o JSON en la memoria de traducción

2.16 Configuración

All settings are stored in `settings.py` (as is usual for Django).

Nota: After changing any of these settings, you need to restart Weblate - both WSGI and Celery processes.

In case it is run as mod_wsgi, you need to restart Apache to reload the configuration.

Ver también:

Please also check Django's documentation for parameters configuring Django itself.

2.16.1 AKISMET_API_KEY

Weblate can use Akismet to check incoming anonymous suggestions for spam. Visit akismet.com to purchase an API key and associate it with a site.

2.16.2 ANONYMOUS_USER_NAME

Username of users that are not signed in.

Ver también:

Control de acceso

2.16.3 AUDITLOG_EXPIRY

Nuevo en la versión 3.6.

How many days Weblate should keep audit logs, which contain info about account activity.

Defaults to 180 days.

2.16.4 AUTH_LOCK_ATTEMPTS

Nuevo en la versión 2.14.

Maximum number of failed authentication attempts before rate limiting is applied.

This is currently applied in the following locations:

- Logins. Deletes the account password, preventing the user from signing in without requesting a new password.
- Password resets. Prevents new e-mails from being sent, avoiding spamming users with too many password reset attempts.

Defaults to 10.

Ver también:

Rate limiting,

2.16.5 AUTO_UPDATE

Nuevo en la versión 3.2.

Distinto en la versión 3.11: The original on/off option was changed to differentiate which strings are accepted.

Updates all repositories on a daily basis.

Consejo: Useful if you are not using *Actuadores de notificaciones* to update Weblate repositories automatically.

Nota: On/off options exist in addition to string selection for backward compatibility.

Options are:

`"none"` No daily updates.

`"remote"` also `False` Only update remotes.

`"full"` also `True` Update remotes and merge working copy.

Nota: This requires that *Tareas en segundo plano con Celery* is working, and will take effect after it is restarted.

2.16.6 AVATAR_URL_PREFIX

Prefix for constructing avatar URLs as: `${AVATAR_URL_PREFIX}/avatar/${MAIL_HASH}?${PARAMS}`. The following services are known to work:

Gravatar (default), as per https://gravatar.com/ `AVATAR_URL_PREFIX = 'https://www.gravatar.com/'`

Libravatar, as per https://www.libravatar.org/ `AVATAR_URL_PREFIX = 'https://www.libravatar.org/'`

Ver también:

Caché de avatars, `ENABLE_AVATARS`, *Avatars*

2.16.7 AUTH_TOKEN_VALID

Nuevo en la versión 2.14.

How long the authentication token and temporary password from password reset e-mails is valid for. Set in number of seconds, defaulting to 172800 (2 days).

2.16.8 AUTH_PASSWORD_DAYS

Nuevo en la versión 2.15.

How many days using the same password should be allowed.

Nota: Password changes made prior to Weblate 2.15 will not be accounted for in this policy.

Defaults to 180 days.

2.16.9 AUTOFIX_LIST

List of automatic fixes to apply when saving a string.

Nota: Provide a fully-qualified path to the Python class that implementing the autofixer interface.

Available fixes:

`weblate.trans.autofixes.whitespace.SameBookendingWhitespace` Matches whitespace at the start and end of the string to the source.

`weblate.trans.autofixes.chars.ReplaceTrailingDotsWithEllipsis` Replaces trailing dots (…) if the source string has ellipsis (…).

`weblate.trans.autofixes.chars.RemoveZeroSpace` Removes zero-width space characters if the source does not contain any.

`weblate.trans.autofixes.chars.RemoveControlChars` Removes control characters if the source does not contain any.

`weblate.trans.autofixes.html.BleachHTML` Removes unsafe HTML markup from strings flagged as `safe-html` (see *HTML inseguro*).

You can select which ones to use:

```
AUTOFIX_LIST = (
    'weblate.trans.autofixes.whitespace.SameBookendingWhitespace',
    'weblate.trans.autofixes.chars.ReplaceTrailingDotsWithEllipsis',
)
```

Ver también:

Correcciones automáticas, *Correcciones automáticas personalizadas*

2.16.10 BASE_DIR

Base directory where Weblate sources are located. Used to derive several other paths by default:

- *DATA_DIR*

Default value: Top level directory of Weblate sources.

2.16.11 CSP_SCRIPT_SRC, CSP_IMG_SRC, CSP_CONNECT_SRC, CSP_STYLE_SRC, CSP_FONT_SRC

Customize `Content-Security-Policy` header for Weblate. The header is automatically generated based on enabled integrations with third-party services (Matomo, Google Analytics, Sentry, …).

All these default to empty list.

** Ejemplo:: **

```
# Enable Cloudflare Javascript optimizations
CSP_SCRIPT_SRC = ["ajax.cloudflare.com"]
```

Ver también:

Content security policy, Directiva de seguridad de contenido (CSP)

2.16.12 CHECK_LIST

Lista de comprobaciones de calidad que ejecutar en una traducción.

Nota: Provide a fully-qualified path to the Python class implementing the check interface.

Adjust the list of checks to include ones relevant to you.

All built-in *Comprobaciones de calidad* are turned on by default, from where you can change these settings. By default they are commented out in *Configuración de muestra* so that default values are used. New checks then carried out for each new Weblate version.

Puede desactivar todas las comprobaciones:

```
CHECK_LIST = ()
```

Puede activar solo algunas:

```
CHECK_LIST = (
    'weblate.checks.chars.BeginNewlineCheck',
    'weblate.checks.chars.EndNewlineCheck',
    'weblate.checks.chars.MaxLengthCheck',
)
```

Nota: Changing this setting only affects newly changed translations, existing checks will still be stored in the database. To also apply changes to the stored translations, run `updatechecks`.

Ver también:

Comprobaciones de calidad, *Personalizar el comportamiento*

2.16.13 COMMENT_CLEANUP_DAYS

Nuevo en la versión 3.6.

Delete comments after a given number of days. Defaults to `None`, meaning no deletion at all.

2.16.14 COMMIT_PENDING_HOURS

Nuevo en la versión 2.10.

Number of hours between committing pending changes by way of the background task.

Ver también:

Configuración de componentes, *Antigüedad de cambios por consignar*, *Efectuar tareas de mantenimiento*, `commit_pending`

2.16.15 DATA_DIR

The folder Weblate stores all data in. It contains links to VCS repositories, a fulltext index and various configuration files for external tools.

A menudo existen los subdirectorios siguientes:

home Directorio de inicio utilizado para invocar secuencias de órdenes.

ssh Claves SSH y su configuración.

static Ubicación predeterminada de los archivos de Django, especificada por `STATIC_ROOT`.

media Ubicación predeterminada de los archivos multimedia de Django, especificada por `MEDIA_ROOT`.

vcs Repositorios de control de versiones.

backups Daily backup data, please check *Datos volcados para las copias de respaldo* for details.

Nota: Weblate necesita ser capaz de escribir en este directorio. Ejecutarlo como uWSGI implica que el usuario `www-data` debe tener privilegios de escritura aquí.

La manera más sencilla de lograrlo es hacer que el usuario sea propietario del directorio:

```
sudo chown www-data:www-data -R $DATA_DIR
```

Defaults to `$BASE_DIR/data`.

Ver también:

`BASE_DIR`, *Backing up and moving Weblate*

2.16.16 DATABASE_BACKUP

Nuevo en la versión 3.1.

Whether the database backups should be stored as plain text, compressed or skipped. The authorized values are:

- `"plain"`
- `"compressed"`
- `"none"`

Ver también:

Backing up and moving Weblate

2.16.17 DEFAULT_ACCESS_CONTROL

Nuevo en la versión 3.3.

La configuración de control de acceso predeterminada para proyectos nuevos:

`0` *Público*

`1` *Protegido*

`100` *Privado*

`200` *Personalizado*

Use *Custom* if you are managing ACL manually, which means not relying on the internal Weblate management.

Ver también:

Control de acceso por proyecto, *Control de acceso*, *Control de acceso*

2.16.18 DEFAULT_RESTRICTED_COMPONENT

Nuevo en la versión 4.1.

El valor predeterminado para la restricción de componentes.

Ver también:

Control de acceso por proyecto, *Acceso restringido*, *Control de acceso*

2.16.19 DEFAULT_ADD_MESSAGE, DEFAULT_ADDON_MESSAGE, DEFAULT_COMMIT_MESSAGE, DEFAULT_DELETE_MESSAGE, DEFAULT_MERGE_MESSAGE

Default commit messages for different operations, please check *Configuración de componentes* for details.

Ver también:

Template markup, *Configuración de componentes*, *Commit, add, delete, merge and addon messages*

2.16.20 DEFAULT_ADDONS

Los complementos predeterminados que se instalarán en todos los componentes que se creen.

Nota: Esta configuración solo surte efecto en los componentes nuevos.

Ejemplo:

```
DEFAULT_ADDONS = {
     # Addon with no parameters
     "weblate.flags.target_edit": {},

     # Addon with parameters
     "weblate.autotranslate.autotranslate": {
         "mode": "suggest",
         "filter_type": "todo",
         "auto_source": "mt",
         "component": "",
         "engines": ["weblate-translation-memory"],
         "threshold": "80",
     }
}
```

Ver también:

install_addon

2.16.21 DEFAULT_COMMITER_EMAIL

Nuevo en la versión 2.4.

Committer e-mail address for created translation components defaulting to `noreply@weblate.org`.

Ver también:

DEFAULT_COMMITER_NAME, *Configuración de componentes*, *Correo electrónico de consignante*

2.16.22 DEFAULT_COMMITER_NAME

Nuevo en la versión 2.4.

Committer name for created translation components defaulting to `Weblate`.

Ver también:

DEFAULT_COMMITER_EMAIL, *Configuración de componentes*, *Nombre de consignante*

2.16.23 DEFAULT_LANGUAGE

Nuevo en la versión 4.3.2.

Default source language to use for example in *Idioma del código fuente*.

Defaults to *en*. The matching language object needs to exist in the database.

Ver también:

Language definitions

2.16.24 DEFAULT_MERGE_STYLE

Nuevo en la versión 3.4.

Merge style for any new components.

- *rebase* - default
- *merge*

Ver también:

Configuración de componentes, *Estilo de fusión*

2.16.25 DEFAULT_TRANSLATION_PROPAGATION

Nuevo en la versión 2.5.

Default setting for translation propagation, defaults to `True`.

Ver también:

Configuración de componentes, *Permitir propagación de traducciones*

2.16.26 DEFAULT_PULL_MESSAGE

Title for new pull requests, defaulting to `'Update from Weblate'`.

2.16.27 ENABLE_AVATARS

Whether to turn on Gravatar-based avatars for users. By default this is on.

Avatars are fetched and cached on the server, lowering the risk of leaking private info, speeding up the user experience.

Ver también:

Caché de avatars, `AVATAR_URL_PREFIX`, *Avatars*

2.16.28 ENABLE_HOOKS

Whether to enable anonymous remote hooks.

Ver también:

Actuadores de notificaciones

2.16.29 ENABLE_HTTPS

Whether to send links to Weblate as HTTPS or HTTP. This setting affects sent e-mails and generated absolute URLs.

Consejo: In the default configuration this is also used for several Django settings related to HTTPS.

Ver también:

`SESSION_COOKIE_SECURE`, `CSRF_COOKIE_SECURE`, `SECURE_SSL_REDIRECT`, *Set correct site domain*

2.16.30 ENABLE_SHARING

Turn on/off the *Share* menu so users can share translation progress on social networks.

2.16.31 GITLAB_CREDENTIALS

Nuevo en la versión 4.3.

List for credentials for GitLab servers.

Consejo: Use this in case you want Weblate to interact with more of them, for single GitLab endpoint stick with `GITLAB_USERNAME` and `GITLAB_TOKEN`.

```
GITLAB_CREDENTIALS = {
    "gitlab.com": {
        "username": "weblate",
        "token": "your-api-token",
    },
    "gitlab.example.com": {
        "username": "weblate",
        "token": "another-api-token",
    },
}
```

2.16.32 GITLAB_USERNAME

GitLab username used to send merge requests for translation updates.

Ver también:

`GITLAB_CREDENTIALS`, *GitLab*

2.16.33 GITLAB_TOKEN

Nuevo en la versión 4.3.

GitLab personal access token used to make API calls for translation updates.

Ver también:

`GITLAB_CREDENTIALS`, *GitLab*, GitLab: Personal access token

2.16.34 GITHUB_CREDENTIALS

Nuevo en la versión 4.3.

List for credentials for GitHub servers.

Consejo: Use this in case you want Weblate to interact with more of them, for single GitHub endpoint stick with `GITHUB_USERNAME` and `GITHUB_TOKEN`.

```
GITHUB_CREDENTIALS = {
    "api.github.com": {
        "username": "weblate",
        "token": "your-api-token",
```

(continué en la próxima página)

(proviene de la página anterior)

```
    },
    "github.example.com": {
        "username": "weblate",
        "token": "another-api-token",
    },
}
```

2.16.35 GITHUB_USERNAME

GitHub username used to send pull requests for translation updates.

Ver también:

`GITHUB_CREDENTIALS`, *GitHub*

2.16.36 GITHUB_TOKEN

Nuevo en la versión 4.3.

GitHub personal access token used to make API calls to send pull requests for translation updates.

Ver también:

`GITHUB_CREDENTIALS`, *GitHub*, Creating a personal access token

2.16.37 GOOGLE_ANALYTICS_ID

Google Analytics ID to turn on monitoring of Weblate using Google Analytics.

2.16.38 HIDE_REPO_CREDENTIALS

Hide repository credentials from appearing in the web interface. In case you have repository URL with user and password, Weblate will hide it when related info is shown to users.

For example instead of `https://user:password@git.example.com/repo.git` it will show just `https://git.example.com/repo.git`. It tries to clean up VCS error messages too in a similar manner.

Nota: This is turned on by default.

2.16.39 HIDE_VERSION

Nuevo en la versión 4.3.1.

Hides version information from unauthenticated users. This also makes all documentation links point to latest version instead of the documentation matching currently installed version.

Hiding version is recommended security practice in some corporations, but it doesn't prevent attacker to figure out version by probing the behavior.

Nota: This is turned off by default.

2.16.40 IP_BEHIND_REVERSE_PROXY

Nuevo en la versión 2.14.

Indicates whether Weblate is running behind a reverse proxy.

If set to `True`, Weblate gets IP address from a header defined by *IP_PROXY_HEADER*.

> **Advertencia:** Ensure you are actually using a reverse proxy and that it sets this header, otherwise users will be able to fake the IP address.

Nota: This is not on by default.

Ver también:

Running behind reverse proxy, *Rate limiting*, *IP_PROXY_HEADER*, *IP_PROXY_OFFSET*

2.16.41 IP_PROXY_HEADER

Nuevo en la versión 2.14.

Indicates which header Weblate should obtain the IP address from when *IP_BEHIND_REVERSE_PROXY* is turned on.

Defaults to `HTTP_X_FORWARDED_FOR`.

Ver también:

Running behind reverse proxy, *Rate limiting*, `SECURE_PROXY_SSL_HEADER`, *IP_BEHIND_REVERSE_PROXY*, *IP_PROXY_OFFSET*

2.16.42 IP_PROXY_OFFSET

Nuevo en la versión 2.14.

Indicates which part of *IP_PROXY_HEADER* is used as client IP address.

Depending on your setup, this header might consist of several IP addresses, (for example `X-Forwarded-For: a, b, client-ip`) and you can configure which address from the header is used as client IP address here.

> **Advertencia:** Setting this affects the security of your installation, you should only configure it to use trusted proxies for determining IP address.

Defaults to 0.

Ver también:

Running behind reverse proxy, *Rate limiting*, `SECURE_PROXY_SSL_HEADER`, *IP_BEHIND_REVERSE_PROXY*, *IP_PROXY_HEADER*

2.16.43 LEGAL_URL

Nuevo en la versión 3.5.

URL where your Weblate instance shows its legal documents.

Consejo: Useful if you host your legal documents outside Weblate for embedding them inside Weblate, please check *Información legal* for details.

Ejemplo:

```
LEGAL_URL = "https://weblate.org/terms/"
```

2.16.44 LICENSE_EXTRA

Additional licenses to include in the license choices.

Nota: Each license definition should be tuple of its short name, a long name and an URL.

For example:

```
LICENSE_EXTRA = [
    (
        "AGPL-3.0",
        "GNU Affero General Public License v3.0",
        "https://www.gnu.org/licenses/agpl-3.0-standalone.html",
    ),
]
```

2.16.45 LICENSE_FILTER

Distinto en la versión 4.3: Setting this to blank value now disables license alert.

Filter list of licenses to show. This also disables the license alert when set to empty.

Nota: This filter uses the short license names.

For example:

```
LICENSE_FILTER = {"AGPL-3.0", "GPL-3.0-or-later"}
```

Following disables the license alert:

```
LICENSE_FILTER = set()
```

Ver también:

Translation component alerts

2.16.46 LICENSE_REQUIRED

Defines whether the license attribute in *Configuración de componentes* is required.

Nota: This is off by default.

2.16.47 LIMIT_TRANSLATION_LENGTH_BY_SOURCE_LENGTH

Whether the length of a given translation should be limited. The restriction is the length of the source string * 10 characters.

Consejo: Set this to `False` to allow longer translations (up to 10.000 characters) irrespective of source string length.

Nota: Defaults to `True`.

2.16.48 LOCALIZE_CDN_URL y LOCALIZE_CDN_PATH

These settings configure the *CDN de regionalización de JavaScript* addon. `LOCALIZE_CDN_URL` defines root URL where the localization CDN is available and `LOCALIZE_CDN_PATH` defines path where Weblate should store generated files which will be served at the `LOCALIZE_CDN_URL`.

Consejo: On Hosted Weblate, this uses `https://weblate-cdn.com/`.

Ver también:

CDN de regionalización de JavaScript

2.16.49 LOGIN_REQUIRED_URLS

A list of URLs you want to require logging into. (Besides the standard rules built into Weblate).

Consejo: Esto le permite proteger con contraseña una instalación completa a través de:

```
LOGIN_REQUIRED_URLS = (
    r'/(.*)$',
)
REST_FRAMEWORK["DEFAULT_PERMISSION_CLASSES"] = [
    "rest_framework.permissions.IsAuthenticated"
]
```

Consejo: It is desirable to lock down API access as well, as shown in the above example.

2.16.50 LOGIN_REQUIRED_URLS_EXCEPTIONS

List of exceptions for *LOGIN_REQUIRED_URLS*. If not specified, users are allowed to access the login page.

Algunas de las excepciones que quizá quiera incluir:

```
LOGIN_REQUIRED_URLS_EXCEPTIONS = (
    r'/accounts/(.*)$', # Required for login
    r'/static/(.*)$',   # Required for development mode
    r'/widgets/(.*)$',  # Allowing public access to widgets
    r'/data/(.*)$',     # Allowing public access to data exports
    r'/hooks/(.*)$',    # Allowing public access to notification hooks
    r'/api/(.*)$',      # Allowing access to API
    r'/js/i18n/$',      # JavaScript localization
)
```

2.16.51 MATOMO_SITE_ID

Identificador de un sitio en Matomo (antes Piwik) al que quiere realizar seguimiento.

Nota: Esta integración no admite el gestor de etiquetas de Matomo.

Ver también:

MATOMO_URL

2.16.52 MATOMO_URL

URL completo (incluida la barra al final) de una instalación de Matomo (antes Piwik) que quiera utilizar para hacer seguimiento del uso de Weblate. Visite <https://matomo.org/> para obtener más información.

Consejo: Esta integración no admite el gestor de etiquetas de Matomo.

For example:

```
MATOMO_SITE_ID = 1
MATOMO_URL = "https://example.matomo.cloud/"
```

Ver también:

MATOMO_SITE_ID

2.16.53 MT_SERVICES

Distinto en la versión 3.0: The setting was renamed from `MACHINE_TRANSLATION_SERVICES` to `MT_SERVICES` to be consistent with other machine translation settings.

List of enabled machine translation services to use.

Nota: Many of the services need additional configuration like API keys, please check their documentation *Traducción automática* for more details.

```
MT_SERVICES = (
    'weblate.machinery.apertium.ApertiumAPYTranslation',
    'weblate.machinery.deepl.DeepLTranslation',
    'weblate.machinery.glosbe.GlosbeTranslation',
    'weblate.machinery.google.GoogleTranslation',
    'weblate.machinery.microsoft.MicrosoftCognitiveTranslation',
    'weblate.machinery.microsoftterminology.MicrosoftTerminologyService',
    'weblate.machinery.mymemory.MyMemoryTranslation',
    'weblate.machinery.tmserver.AmagamaTranslation',
    'weblate.machinery.tmserver.TMServerTranslation',
    'weblate.machinery.yandex.YandexTranslation',
    'weblate.machinery.weblatetm.WeblateTranslation',
    'weblate.machinery.saptranslationhub.SAPTranslationHub',
    'weblate.memory.machine.WeblateMemory',
)
```

Ver también:

Traducción automática, *Sugerencias automáticas*

2.16.54 MT_APERTIUM_APY

URL del servidor Apertium-APy, https://wiki.apertium.org/wiki/Apertium-apy

Ver también:

Apertium, *Traducción automática*, *Sugerencias automáticas*

2.16.55 MT_AWS_ACCESS_KEY_ID

Access key ID for Amazon Translate.

Ver también:

AWS, *Traducción automática*, *Sugerencias automáticas*

2.16.56 MT_AWS_SECRET_ACCESS_KEY

API secret key for Amazon Translate.

Ver también:

AWS, *Traducción automática*, *Sugerencias automáticas*

2.16.57 MT_AWS_REGION

Region name to use for Amazon Translate.

Ver también:

AWS, *Traducción automática*, *Sugerencias automáticas*

2.16.58 MT_BAIDU_ID

Client ID for the Baidu Zhiyun API, you can register at https://api.fanyi.baidu.com/api/trans/product/index

Ver también:

Baidu API machine translation, *Traducción automática*, *Sugerencias automáticas*

2.16.59 MT_BAIDU_SECRET

Client secret for the Baidu Zhiyun API, you can register at https://api.fanyi.baidu.com/api/trans/product/index

Ver también:

Baidu API machine translation, *Traducción automática*, *Sugerencias automáticas*

2.16.60 MT_DEEPL_API_VERSION

Nuevo en la versión 4.1.1.

API version to use with DeepL service. The version limits scope of usage:

v1 Is meant for CAT tools and is usable with user-based subscription.

v2 Is meant for API usage and the subscription is usage based.

Previously Weblate was classified as a CAT tool by DeepL, so it was supposed to use the v1 API, but now is supposed to use the v2 API. Therefore it defaults to v2, and you can change it to v1 in case you have an existing CAT subscription and want Weblate to use that.

Ver también:

DeepL, *Traducción automática*, *Sugerencias automáticas*

2.16.61 MT_DEEPL_KEY

API key for the DeepL API, you can register at https://www.deepl.com/pro.html

Ver también:

DeepL, *Traducción automática*, *Sugerencias automáticas*

2.16.62 MT_GOOGLE_KEY

API key for Google Translate API v2, you can register at https://cloud.google.com/translate/docs

Ver también:

Google Translate, *Traducción automática*, *Sugerencias automáticas*

2.16.63 MT_GOOGLE_CREDENTIALS

API v3 JSON credentials file obtained in the Google cloud console. Please provide a full OS path. Credentials are per service-account affiliated with certain project. Please check https://cloud.google.com/docs/authentication/getting-started for more details.

2.16.64 MT_GOOGLE_PROJECT

Google Cloud API v3 project id with activated translation service and billing activated. Please check https://cloud.google.com/appengine/docs/standard/nodejs/building-app/creating-project for more details

2.16.65 MT_GOOGLE_LOCATION

API v3 Google Cloud App Engine may be specific to a location. Change accordingly if the default `global` fallback does not work for you.

Please check https://cloud.google.com/appengine/docs/locations for more details

Ver también:

Google Translate API V3 (Advanced)

2.16.66 MT_MICROSOFT_BASE_URL

Region base URL domain as defined in the «Base URLs» section.

Defaults to `api.cognitive.microsofttranslator.com` for Azure Global.

For Azure China, please use `api.translator.azure.cn`.

2.16.67 MT_MICROSOFT_COGNITIVE_KEY

Client key for the Microsoft Cognitive Services Translator API.

Ver también:

Microsoft Cognitive Services Translator, *Traducción automática*, *Sugerencias automáticas*, Cognitive Services - Text Translation API, Microsoft Azure Portal

2.16.68 MT_MICROSOFT_REGION

Region prefix as defined in the «Authenticating with a Multi-service resource» section.

2.16.69 MT_MICROSOFT_ENDPOINT_URL

Region endpoint URL domain for access token as defined in the «Authenticating with an access token» section.

Defaults to `api.cognitive.microsoft.com` for Azure Global.

For Azure China, please use your endpoint from the Azure Portal.

2.16.70 MT_MODERNMT_KEY

Clave de API para el motor de traducciones automáticas ModernMT.

Ver también:

ModernMT `MT_MODERNMT_URL`

2.16.71 MT_MODERNMT_URL

URL of ModernMT. It defaults to `https://api.modernmt.com/` for the cloud service.

Ver también:

ModernMT `MT_MODERNMT_KEY`

2.16.72 MT_MYMEMORY_EMAIL

MyMemory identification e-mail address. It permits 1000 requests per day.

Ver también:

MyMemory, *Traducción automática*, *Sugerencias automáticas*, MyMemory: API technical specifications

2.16.73 MT_MYMEMORY_KEY

MyMemory access key for private translation memory, use it with `MT_MYMEMORY_USER`.

Ver también:

MyMemory, *Traducción automática*, *Sugerencias automáticas*, MyMemory: API key generator

2.16.74 MT_MYMEMORY_USER

MyMemory user ID for private translation memory, use it with `MT_MYMEMORY_KEY`.

Ver también:

MyMemory, *Traducción automática*, *Sugerencias automáticas*, MyMemory: API key generator

2.16.75 MT_NETEASE_KEY

App key for NetEase Sight API, you can register at https://sight.netease.com/

Ver también:

NetEase Sight API machine translation, *Traducción automática*, *Sugerencias automáticas*

2.16.76 MT_NETEASE_SECRET

App secret for the NetEase Sight API, you can register at https://sight.netease.com/

Ver también:

NetEase Sight API machine translation, *Traducción automática*, *Sugerencias automáticas*

2.16.77 MT_TMSERVER

URL where tmserver is running.

Ver también:

tmserver, *Traducción automática*, *Sugerencias automáticas*, tmserver

2.16.78 MT_YANDEX_KEY

API key for the Yandex Translate API, you can register at https://yandex.com/dev/translate/

Ver también:

Yandex Translate, *Traducción automática*, *Sugerencias automáticas*

2.16.79 MT_YOUDAO_ID

Client ID for the Youdao Zhiyun API, you can register at https://ai.youdao.com/product-fanyi-text.s.

Ver también:

Youdao Zhiyun API machine translation, *Traducción automática*, *Sugerencias automáticas*

2.16.80 MT_YOUDAO_SECRET

Client secret for the Youdao Zhiyun API, you can register at https://ai.youdao.com/product-fanyi-text.s.

Ver también:

Youdao Zhiyun API machine translation, *Traducción automática*, *Sugerencias automáticas*

2.16.81 MT_SAP_BASE_URL

API URL to the SAP Translation Hub service.

Ver también:

SAP Translation Hub, *Traducción automática*, *Sugerencias automáticas*

2.16.82 MT_SAP_SANDBOX_APIKEY

API key for sandbox API usage

Ver también:

SAP Translation Hub, *Traducción automática*, *Sugerencias automáticas*

2.16.83 MT_SAP_USERNAME

Your SAP username

Ver también:

SAP Translation Hub, *Traducción automática*, *Sugerencias automáticas*

2.16.84 MT_SAP_PASSWORD

Your SAP password

Ver también:

SAP Translation Hub, *Traducción automática*, *Sugerencias automáticas*

2.16.85 MT_SAP_USE_MT

Whether to also use machine translation services, in addition to the term database. Possible values: `True` or `False`

Ver también:

SAP Translation Hub, *Traducción automática*, *Sugerencias automáticas*

2.16.86 NEARBY_MESSAGES

How many strings to show around the currently translated string. This is just a default value, users can adjust this in *Perfil de usuario*.

2.16.87 PAGURE_CREDENTIALS

Nuevo en la versión 4.3.2.

List for credentials for Pagure servers.

Consejo: Use this in case you want Weblate to interact with more of them, for single Pagure endpoint stick with `PAGURE_USERNAME` and `PAGURE_TOKEN`.

```
PAGURE_CREDENTIALS = {
    "pagure.io": {
        "username": "weblate",
        "token": "your-api-token",
    },
    "pagure.example.com": {
        "username": "weblate",
        "token": "another-api-token",
    },
}
```

2.16.88 PAGURE_USERNAME

Nuevo en la versión 4.3.2.

Pagure username used to send merge requests for translation updates.

Ver también:

`PAGURE_CREDENTIALS`, *Pagure*

2.16.89 PAGURE_TOKEN

Nuevo en la versión 4.3.2.

Pagure personal access token used to make API calls for translation updates.

Ver también:

PAGURE_CREDENTIALS, *Pagure*, Pagure API

2.16.90 RATELIMIT_ATTEMPTS

Nuevo en la versión 3.2.

Maximum number of authentication attempts before rate limiting is applied.

Defaults to 5.

Ver también:

Rate limiting, *RATELIMIT_WINDOW*, *RATELIMIT_LOCKOUT*

2.16.91 RATELIMIT_WINDOW

Nuevo en la versión 3.2.

How long authentication is accepted after rate limiting applies.

An amount of seconds defaulting to 300 (5 minutes).

Ver también:

Rate limiting, *RATELIMIT_ATTEMPTS*, *RATELIMIT_LOCKOUT*

2.16.92 RATELIMIT_LOCKOUT

Nuevo en la versión 3.2.

How long authentication is locked after rate limiting applies.

An amount of seconds defaulting to 600 (10 minutes).

Ver también:

Rate limiting, *RATELIMIT_ATTEMPTS*, *RATELIMIT_WINDOW*

2.16.93 REGISTRATION_ALLOW_BACKENDS

Nuevo en la versión 4.1.

List of authentication backends to allow registration from. This only limits new registrations, users can still authenticate and add authentication using all configured authentication backends.

It is recommended to keep *REGISTRATION_OPEN* enabled while limiting registration backends, otherwise users will be able to register, but Weblate will not show links to register in the user interface.

Ejemplo:

```
REGISTRATION_ALLOW_BACKENDS = ["azuread-oauth2", "azuread-tenant-oauth2"]
```

Consejo: The backend names match names used in URL for authentication.

Ver también:

REGISTRATION_OPEN, *Autenticación*

2.16.94 REGISTRATION_CAPTCHA

A value of either `True` or `False` indicating whether registration of new accounts is protected by CAPTCHA. This setting is optional, and a default of `True` will be assumed if it is not supplied.

If turned on, a CAPTCHA is added to all pages where a users enters their e-mail address:

- Registro de cuentas nuevas.
- Recuperación de contraseñas.
- Adding e-mail to an account.
- Formulario de contacto para usuarios que no han accedido a su cuenta.

2.16.95 REGISTRATION_EMAIL_MATCH

Nuevo en la versión 2.17.

Le permite filtrar cuáles direcciones de correo pueden utilizarse para registrar una cuenta.

Defaults to `.*`, which allows any e-mail address to be registered.

Puede utilizarlo para restringir el registro de un dominio de correo electrónico:

```
REGISTRATION_EMAIL_MATCH = r'^.*@weblate\.org$'
```

2.16.96 REGISTRATION_OPEN

Whether registration of new accounts is currently permitted. This optional setting can remain the default `True`, or changed to `False`.

This setting affects built-in authentication by e-mail address or through the Python Social Auth (you can whitelist certain back-ends using *REGISTRATION_ALLOW_BACKENDS*).

Nota: Si se utilizan métodos de autenticación de terceros tales como *LDAP authentication*, tan solo oculta el formulario de registro, pero usuarios nuevos podrán aún acceder y crear cuentas.

Ver también:

REGISTRATION_ALLOW_BACKENDS, *REGISTRATION_EMAIL_MATCH*, *Autenticación*

2.16.97 REPOSITORY_ALERT_THRESHOLD

Nuevo en la versión 4.0.2.

Threshold for triggering an alert for outdated repositories, or ones that contain too many changes. Defaults to 25.

Ver también:

Translation component alerts

2.16.98 REQUIRE_LOGIN

Nuevo en la versión 4.1.

This enables `LOGIN_REQUIRED_URLS` and configures REST framework to require login for all API endpoints.

Nota: This is in implemented in the *Configuración de muestra*. For Docker, use `WEBLATE_REQUIRE_LOGIN`.

2.16.99 SENTRY_DSN

Nuevo en la versión 3.9.

Sentry DSN to use for *Collecting error reports*.

Ver también:

Django integration for Sentry

2.16.100 SESSION_COOKIE_AGE_AUTHENTICATED

Nuevo en la versión 4.3.

Set session expiry for authenticated users. This complements `SESSION_COOKIE_AGE` which is used for unauthenticated users.

Ver también:

`SESSION_COOKIE_AGE`

2.16.101 SIMPLIFY_LANGUAGES

Use simple language codes for default language/country combinations. For example an `fr_FR` translation will use the `fr` language code. This is usually the desired behavior, as it simplifies listing languages for these default combinations.

Turn this off if you want to different translations for each variant.

2.16.102 SITE_DOMAIN

Configura el dominio del sitio. Es necesario para producir los URL absolutos correctos en distintos ámbitos (por ejemplo, en los mensajes de activación, las notificaciones o los suministros RSS).

Si Weblate se está ejecutando en algún puerto no estándar, inclúyalo aquí también.

Ejemplos:

```
# Production site with domain name
SITE_DOMAIN = "weblate.example.com"

# Local development with IP address and port
SITE_DOMAIN = "127.0.0.1:8000"
```

Nota: Esta configuración debe contener solo el nombre de dominio. Para configurar el protocolo (activar y exigir HTTPS, p. ej.), utilice *ENABLE_HTTPS*, y para cambiar el URL, utilice *URL_PREFIX*.

Consejo: En un contenedor Docker, el dominio del sitio se configura mediante *WEBLATE_ALLOWED_HOSTS*.

Ver también:

Set correct site domain, *Allowed hosts setup*, *Correctly configure HTTPS* *WEBLATE_SITE_DOMAIN*, *ENABLE_HTTPS*

2.16.103 SITE_TITLE

El título que se utilizará en el sitio web y los mensajes de correo que se envíen.

2.16.104 SPECIAL_CHARS

Caracteres adicionales que incluir en el teclado visual; *Visual keyboard*.

El valor predeterminado es:

```
SPECIAL_CHARS = ('\t', '\n', '…')
```

2.16.105 SINGLE_PROJECT

Nuevo en la versión 3.8.

Redirects users directly to a project or component instead of showing the dashboard. You can either set it to `True` and in this case it only works in case there is actually only single project in Weblate. Alternatively set the project slug, and it will redirect unconditionally to this project.

Distinto en la versión 3.11: The setting now also accepts a project slug, to force displaying that single project.

Ejemplo:

```
SINGLE_PROJECT = "test"
```

2.16.106 STATUS_URL

The URL where your Weblate instance reports its status.

2.16.107 SUGGESTION_CLEANUP_DAYS

Nuevo en la versión 3.2.1.

Automatically deletes suggestions after a given number of days. Defaults to `None`, meaning no deletions.

2.16.108 UPDATE_LANGUAGES

Nuevo en la versión 4.3.2.

Controls whether languages database should be updated when running database migration and is enabled by default. This setting has not effect on invocation of *`setuplang`*.

Ver también:

Built-in language definitions

2.16.109 URL_PREFIX

This setting allows you to run Weblate under some path (otherwise it relies on being run from the webserver root).

Nota: To use this setting, you also need to configure your server to strip this prefix. For example with WSGI, this can be achieved by setting `WSGIScriptAlias`.

Consejo: The prefix should start with a `/`.

Ejemplo:

```
URL_PREFIX = '/translations'
```

Nota: This setting does not work with Django's built-in server, you would have to adjust `urls.py` to contain this prefix.

2.16.110 VCS_BACKENDS

Configuration of available VCS backends.

Nota: Weblate tries to use all supported back-ends you have the tools for.

Consejo: You can limit choices or add custom VCS back-ends by using this.

```
VCS_BACKENDS = (
    'weblate.vcs.git.GitRepository',
)
```

Ver también:

Integración de control de versiones

2.16.111 VCS_CLONE_DEPTH

Nuevo en la versión 3.10.2.

Configures how deep cloning of repositories Weblate should do.

Nota: Currently this is only supported in *Git*. By default Weblate does shallow clones of the repositories to make cloning faster and save disk space. Depending on your usage (for example when using custom *Complementos*), you might want to increase the depth or turn off shallow clones completely by setting this to 0.

Consejo: In case you get `fatal: protocol error: expected old/new/ref, got 'shallow <commit hash>'` error when pushing from Weblate, turn off shallow clones completely by setting:

```
VCS_CLONE_DEPTH = 0
```

2.16.112 WEBLATE_ADDONS

List of addons available for use. To use them, they have to be enabled for a given translation component. By default this includes all built-in addons, when extending the list you will probably want to keep existing ones enabled, for example:

```
WEBLATE_ADDONS = (
    # Built-in addons
    "weblate.addons.gettext.GenerateMoAddon",
    "weblate.addons.gettext.UpdateLinguasAddon",
    "weblate.addons.gettext.UpdateConfigureAddon",
    "weblate.addons.gettext.MsgmergeAddon",
    "weblate.addons.gettext.GettextCustomizeAddon",
    "weblate.addons.gettext.GettextAuthorComments",
    "weblate.addons.cleanup.CleanupAddon",
    "weblate.addons.consistency.LangaugeConsistencyAddon",
    "weblate.addons.discovery.DiscoveryAddon",
    "weblate.addons.flags.SourceEditAddon",
    "weblate.addons.flags.TargetEditAddon",
    "weblate.addons.flags.SameEditAddon",
    "weblate.addons.flags.BulkEditAddon",
    "weblate.addons.generate.GenerateFileAddon",
    "weblate.addons.json.JSONCustomizeAddon",
    "weblate.addons.properties.PropertiesSortAddon",
    "weblate.addons.git.GitSquashAddon",
    "weblate.addons.removal.RemoveComments",
    "weblate.addons.removal.RemoveSuggestions",
    "weblate.addons.resx.ResxUpdateAddon",
    "weblate.addons.autotranslate.AutoTranslateAddon",
    "weblate.addons.yaml.YAMLCustomizeAddon",
    "weblate.addons.cdn.CDNJSAddon",

    # Addon you want to include
    "weblate.addons.example.ExampleAddon",
)
```

Ver también:

Complementos

2.16.113 WEBLATE_EXPORTERS

Nuevo en la versión 4.2.

List of a available exporters offering downloading translations or glossaries in various file formats.

Ver también:

Formatos de archivo admitidos

2.16.114 WEBLATE_FORMATS

Nuevo en la versión 3.0.

List of file formats available for use.

Nota: The default list already has the common formats.

Ver también:

Formatos de archivo admitidos

2.16.115 WEBLATE_GPG_IDENTITY

Nuevo en la versión 3.1.

Identity used by Weblate to sign Git commits, for example:

```
WEBLATE_GPG_IDENTITY = 'Weblate <weblate@example.com>'
```

The Weblate GPG keyring is searched for a matching key (`home/.gnupg` under *DATA_DIR*). If not found, a key is generated, please check *Signing Git commits with GnuPG* for more details.

Ver también:

Signing Git commits with GnuPG

2.17 Configuración de muestra

The following example is shipped as `weblate/settings_example.py` with Weblate:

```
#
# Copyright © 2012 - 2020 Michal Čihař <michal@cihar.com>
#
# This file is part of Weblate <https://weblate.org/>
#
# This program is free software: you can redistribute it and/or modify
# it under the terms of the GNU General Public License as published by
# the Free Software Foundation, either version 3 of the License, or
# (at your option) any later version.
#
# This program is distributed in the hope that it will be useful,
# but WITHOUT ANY WARRANTY; without even the implied warranty of
# MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE.  See the
# GNU General Public License for more details.
#
# You should have received a copy of the GNU General Public License
# along with this program.  If not, see <https://www.gnu.org/licenses/>.
#
```

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```
import os
import platform
from logging.handlers import SysLogHandler

#
# Django settings for Weblate project.
#

DEBUG = True

ADMINS = (
    # ("Your Name", "your_email@example.com"),
)

MANAGERS = ADMINS

DATABASES = {
    "default": {
        # Use "postgresql" or "mysql".
        "ENGINE": "django.db.backends.postgresql",
        # Database name.
        "NAME": "weblate",
        # Database user.
        "USER": "weblate",
        # Name of role to alter to set parameters in PostgreSQL,
        # use in case role name is different than user used for authentication.
        # "ALTER_ROLE": "weblate",
        # Database password.
        "PASSWORD": "",
        # Set to empty string for localhost.
        "HOST": "127.0.0.1",
        # Set to empty string for default.
        "PORT": "",
        # Customizations for databases.
        "OPTIONS": {
            # In case of using an older MySQL server,
            # which has MyISAM as a default storage
            # "init_command": "SET storage_engine=INNODB",
            # Uncomment for MySQL older than 5.7:
            # "init_command": "SET sql_mode='STRICT_TRANS_TABLES'",
            # Set emoji capable charset for MySQL:
            # "charset": "utf8mb4",
            # Change connection timeout in case you get MySQL gone away error:
            # "connect_timeout": 28800,
        },
    }
}

BASE_DIR = os.path.dirname(os.path.dirname(os.path.abspath(__file__)))

# Data directory
DATA_DIR = os.path.join(BASE_DIR, "data")

# Local time zone for this installation. Choices can be found here:
# http://en.wikipedia.org/wiki/List_of_tz_zones_by_name
# although not all choices may be available on all operating systems.
# In a Windows environment this must be set to your system time zone.
TIME_ZONE = "UTC"
```

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```
# Language code for this installation. All choices can be found here:
# http://www.i18nguy.com/unicode/language-identifiers.html
LANGUAGE_CODE = "en-us"

LANGUAGES = (
    ("ar", "ةيبرعلا"),
    ("az", "Azərbaycan"),
    ("be", "Беларуская"),
    ("be@latin", "Biełaruskaja"),
    ("bg", "Български"),
    ("br", "Brezhoneg"),
    ("ca", "Català"),
    ("cs", "Čeština"),
    ("da", "Dansk"),
    ("de", "Deutsch"),
    ("en", "English"),
    ("el", "Ελληνικά"),
    ("en-gb", "English (United Kingdom)"),
    ("es", "Español"),
    ("fi", "Suomi"),
    ("fr", "Français"),
    ("gl", "Galego"),
    ("he", "עברית"),
    ("hu", "Magyar"),
    ("hr", "Hrvatski"),
    ("id", "Indonesia"),
    ("is", "Íslenska"),
    ("it", "Italiano"),
    ("ja", "□□□"),
    ("kab", "Taqbaylit"),
    ("kk", "Қазақ тілі"),
    ("ko", "□□□"),
    ("nb", "Norsk bokmål"),
    ("nl", "Nederlands"),
    ("pl", "Polski"),
    ("pt", "Português"),
    ("pt-br", "Português brasileiro"),
    ("ru", "Русский"),
    ("sk", "Slovenčina"),
    ("sl", "Slovenščina"),
    ("sq", "Shqip"),
    ("sr", "Српски"),
    ("sv", "Svenska"),
    ("tr", "Türkçe"),
    ("uk", "Українська"),
    ("zh-hans", "□□□"),
    ("zh-hant", "□□□"),
)

SITE_ID = 1

# If you set this to False, Django will make some optimizations so as not
# to load the internationalization machinery.
USE_I18N = True

# If you set this to False, Django will not format dates, numbers and
# calendars according to the current locale.
USE_L10N = True

# If you set this to False, Django will not use timezone-aware datetimes.
USE_TZ = True
```

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```
# URL prefix to use, please see documentation for more details
URL_PREFIX = ""

# Absolute filesystem path to the directory that will hold user-uploaded files.
MEDIA_ROOT = os.path.join(DATA_DIR, "media")

# URL that handles the media served from MEDIA_ROOT. Make sure to use a
# trailing slash.
MEDIA_URL = f"{URL_PREFIX}/media/"

# Absolute path to the directory static files should be collected to.
# Don't put anything in this directory yourself; store your static files
# in apps' "static/" subdirectories and in STATICFILES_DIRS.
STATIC_ROOT = os.path.join(DATA_DIR, "static")

# URL prefix for static files.
STATIC_URL = f"{URL_PREFIX}/static/"

# Additional locations of static files
STATICFILES_DIRS = (
    # Put strings here, like "/home/html/static" or "C:/www/django/static".
    # Always use forward slashes, even on Windows.
    # Don't forget to use absolute paths, not relative paths.
)

# List of finder classes that know how to find static files in
# various locations.
STATICFILES_FINDERS = (
    "django.contrib.staticfiles.finders.FileSystemFinder",
    "django.contrib.staticfiles.finders.AppDirectoriesFinder",
    "compressor.finders.CompressorFinder",
)

# Make this unique, and don't share it with anybody.
# You can generate it using weblate/examples/generate-secret-key
SECRET_KEY = ""

_TEMPLATE_LOADERS = [
    "django.template.loaders.filesystem.Loader",
    "django.template.loaders.app_directories.Loader",
]
if not DEBUG:
    _TEMPLATE_LOADERS = [("django.template.loaders.cached.Loader", _TEMPLATE_
↪LOADERS)]
TEMPLATES = [
    {
        "BACKEND": "django.template.backends.django.DjangoTemplates",
        "OPTIONS": {
            "context_processors": [
                "django.contrib.auth.context_processors.auth",
                "django.template.context_processors.debug",
                "django.template.context_processors.i18n",
                "django.template.context_processors.request",
                "django.template.context_processors.csrf",
                "django.contrib.messages.context_processors.messages",
                "weblate.trans.context_processors.weblate_context",
            ],
            "loaders": _TEMPLATE_LOADERS,
        },
    }
```

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```
]


# GitHub username for sending pull requests.
# Please see the documentation for more details.
GITHUB_USERNAME = None
GITHUB_TOKEN = None

# GitLab username for sending merge requests.
# Please see the documentation for more details.
GITLAB_USERNAME = None
GITLAB_TOKEN = None

# Authentication configuration
AUTHENTICATION_BACKENDS = (
    "social_core.backends.email.EmailAuth",
    # "social_core.backends.google.GoogleOAuth2",
    # "social_core.backends.github.GithubOAuth2",
    # "social_core.backends.bitbucket.BitbucketOAuth",
    # "social_core.backends.suse.OpenSUSEOpenId",
    # "social_core.backends.ubuntu.UbuntuOpenId",
    # "social_core.backends.fedora.FedoraOpenId",
    # "social_core.backends.facebook.FacebookOAuth2",
    "weblate.accounts.auth.WeblateUserBackend",
)

# Custom user model
AUTH_USER_MODEL = "weblate_auth.User"

# Social auth backends setup
SOCIAL_AUTH_GITHUB_KEY = ""
SOCIAL_AUTH_GITHUB_SECRET = ""
SOCIAL_AUTH_GITHUB_SCOPE = ["user:email"]

SOCIAL_AUTH_BITBUCKET_KEY = ""
SOCIAL_AUTH_BITBUCKET_SECRET = ""
SOCIAL_AUTH_BITBUCKET_VERIFIED_EMAILS_ONLY = True

SOCIAL_AUTH_FACEBOOK_KEY = ""
SOCIAL_AUTH_FACEBOOK_SECRET = ""
SOCIAL_AUTH_FACEBOOK_SCOPE = ["email", "public_profile"]
SOCIAL_AUTH_FACEBOOK_PROFILE_EXTRA_PARAMS = {"fields": "id,name,email"}

SOCIAL_AUTH_GOOGLE_OAUTH2_KEY = ""
SOCIAL_AUTH_GOOGLE_OAUTH2_SECRET = ""

# Social auth settings
SOCIAL_AUTH_PIPELINE = (
    "social_core.pipeline.social_auth.social_details",
    "social_core.pipeline.social_auth.social_uid",
    "social_core.pipeline.social_auth.auth_allowed",
    "social_core.pipeline.social_auth.social_user",
    "weblate.accounts.pipeline.store_params",
    "weblate.accounts.pipeline.verify_open",
    "social_core.pipeline.user.get_username",
    "weblate.accounts.pipeline.require_email",
    "social_core.pipeline.mail.mail_validation",
    "weblate.accounts.pipeline.revoke_mail_code",
    "weblate.accounts.pipeline.ensure_valid",
    "weblate.accounts.pipeline.remove_account",
    "social_core.pipeline.social_auth.associate_by_email",
```

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```
    "weblate.accounts.pipeline.reauthenticate",
    "weblate.accounts.pipeline.verify_username",
    "social_core.pipeline.user.create_user",
    "social_core.pipeline.social_auth.associate_user",
    "social_core.pipeline.social_auth.load_extra_data",
    "weblate.accounts.pipeline.cleanup_next",
    "weblate.accounts.pipeline.user_full_name",
    "weblate.accounts.pipeline.store_email",
    "weblate.accounts.pipeline.notify_connect",
    "weblate.accounts.pipeline.password_reset",
)
SOCIAL_AUTH_DISCONNECT_PIPELINE = (
    "social_core.pipeline.disconnect.allowed_to_disconnect",
    "social_core.pipeline.disconnect.get_entries",
    "social_core.pipeline.disconnect.revoke_tokens",
    "weblate.accounts.pipeline.cycle_session",
    "weblate.accounts.pipeline.adjust_primary_mail",
    "weblate.accounts.pipeline.notify_disconnect",
    "social_core.pipeline.disconnect.disconnect",
    "weblate.accounts.pipeline.cleanup_next",
)

# Custom authentication strategy
SOCIAL_AUTH_STRATEGY = "weblate.accounts.strategy.WeblateStrategy"

# Raise exceptions so that we can handle them later
SOCIAL_AUTH_RAISE_EXCEPTIONS = True

SOCIAL_AUTH_EMAIL_VALIDATION_FUNCTION = "weblate.accounts.pipeline.send_validation"
SOCIAL_AUTH_EMAIL_VALIDATION_URL = "{0}/accounts/email-sent/".format(URL_PREFIX)
SOCIAL_AUTH_LOGIN_ERROR_URL = "{0}/accounts/login/".format(URL_PREFIX)
SOCIAL_AUTH_EMAIL_FORM_URL = "{0}/accounts/email/".format(URL_PREFIX)
SOCIAL_AUTH_NEW_ASSOCIATION_REDIRECT_URL = "{0}/accounts/profile/#account".format(
    URL_PREFIX
)
SOCIAL_AUTH_PROTECTED_USER_FIELDS = ("email",)
SOCIAL_AUTH_SLUGIFY_USERNAMES = True
SOCIAL_AUTH_SLUGIFY_FUNCTION = "weblate.accounts.pipeline.slugify_username"

# Password validation configuration
AUTH_PASSWORD_VALIDATORS = [
    {
        "NAME": "django.contrib.auth.password_validation.
↪UserAttributeSimilarityValidator"  # noqa: E501, pylint: disable=line-too-long
    },
    {
        "NAME": "django.contrib.auth.password_validation.MinimumLengthValidator",
        "OPTIONS": {"min_length": 10},
    },
    {"NAME": "django.contrib.auth.password_validation.CommonPasswordValidator"},
    {"NAME": "django.contrib.auth.password_validation.NumericPasswordValidator"},
    {"NAME": "weblate.accounts.password_validation.CharsPasswordValidator"},
    {"NAME": "weblate.accounts.password_validation.PastPasswordsValidator"},
    # Optional password strength validation by django-zxcvbn-password
    # {
    #     "NAME": "zxcvbn_password.ZXCVBNValidator",
    #     "OPTIONS": {
    #         "min_score": 3,
    #         "user_attributes": ("username", "email", "full_name")
    #     }
    # },
```

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```
]

# Allow new user registrations
REGISTRATION_OPEN = True

# Shortcut for login required setting
REQUIRE_LOGIN = False

# Middleware
MIDDLEWARE = [
    "weblate.middleware.RedirectMiddleware",
    "weblate.middleware.ProxyMiddleware",
    "django.middleware.security.SecurityMiddleware",
    "django.contrib.sessions.middleware.SessionMiddleware",
    "django.middleware.csrf.CsrfViewMiddleware",
    "weblate.accounts.middleware.AuthenticationMiddleware",
    "django.contrib.messages.middleware.MessageMiddleware",
    "django.middleware.clickjacking.XFrameOptionsMiddleware",
    "social_django.middleware.SocialAuthExceptionMiddleware",
    "weblate.accounts.middleware.RequireLoginMiddleware",
    "weblate.api.middleware.ThrottlingMiddleware",
    "weblate.middleware.SecurityMiddleware",
]

ROOT_URLCONF = "weblate.urls"

# Django and Weblate apps
INSTALLED_APPS = [
    # Weblate apps on top to override Django locales and templates
    "weblate.addons",
    "weblate.auth",
    "weblate.checks",
    "weblate.formats",
    "weblate.glossary",
    "weblate.machinery",
    "weblate.trans",
    "weblate.lang",
    "weblate_language_data",
    "weblate.memory",
    "weblate.screenshots",
    "weblate.fonts",
    "weblate.accounts",
    "weblate.utils",
    "weblate.vcs",
    "weblate.wladmin",
    "weblate",
    # Optional: Git exporter
    "weblate.gitexport",
    # Standard Django modules
    "django.contrib.auth",
    "django.contrib.contenttypes",
    "django.contrib.sessions",
    "django.contrib.messages",
    "django.contrib.staticfiles",
    "django.contrib.admin.apps.SimpleAdminConfig",
    "django.contrib.admindocs",
    "django.contrib.sitemaps",
    "django.contrib.humanize",
    # Third party Django modules
    "social_django",
    "crispy_forms",
```

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```
    "compressor",
    "rest_framework",
    "rest_framework.authtoken",
    "django_filters",
]

# Custom exception reporter to include some details
DEFAULT_EXCEPTION_REPORTER_FILTER = "weblate.trans.debug.
↪WeblateExceptionReporterFilter"

# Default logging of Weblate messages
# - to syslog in production (if available)
# - otherwise to console
# - you can also choose "logfile" to log into separate file
#   after configuring it below

# Detect if we can connect to syslog
HAVE_SYSLOG = False
if platform.system() != "Windows":
    try:
        handler = SysLogHandler(address="/dev/log", facility=SysLogHandler.LOG_
↪LOCAL2)
        handler.close()
        HAVE_SYSLOG = True
    except IOError:
        HAVE_SYSLOG = False

if DEBUG or not HAVE_SYSLOG:
    DEFAULT_LOG = "console"
else:
    DEFAULT_LOG = "syslog"
DEFAULT_LOGLEVEL = "DEBUG" if DEBUG else "INFO"

# A sample logging configuration. The only tangible logging
# performed by this configuration is to send an email to
# the site admins on every HTTP 500 error when DEBUG=False.
# See http://docs.djangoproject.com/en/stable/topics/logging for
# more details on how to customize your logging configuration.
LOGGING = {
    "version": 1,
    "disable_existing_loggers": True,
    "filters": {"require_debug_false": {"()": "django.utils.log.RequireDebugFalse"}
↪},
    "formatters": {
        "syslog": {"format": "weblate[%(process)d]: %(levelname)s %(message)s"},
        "simple": {"format": "[%(asctime)s: %(levelname)s/%(process)s] %(message)s
↪"},
        "logfile": {"format": "%(asctime)s %(levelname)s %(message)s"},
        "django.server": {
            "()": "django.utils.log.ServerFormatter",
            "format": "[%(server_time)s] %(message)s",
        },
    },
    "handlers": {
        "mail_admins": {
            "level": "ERROR",
            "filters": ["require_debug_false"],
            "class": "django.utils.log.AdminEmailHandler",
            "include_html": True,
        },
        "console": {
```

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```
            "level": "DEBUG",
            "class": "logging.StreamHandler",
            "formatter": "simple",
        },
        "django.server": {
            "level": "INFO",
            "class": "logging.StreamHandler",
            "formatter": "django.server",
        },
        "syslog": {
            "level": "DEBUG",
            "class": "logging.handlers.SysLogHandler",
            "formatter": "syslog",
            "address": "/dev/log",
            "facility": SysLogHandler.LOG_LOCAL2,
        },
        # Logging to a file
        # "logfile": {
        #     "level":"DEBUG",
        #     "class":"logging.handlers.RotatingFileHandler",
        #     "filename": "/var/log/weblate/weblate.log",
        #     "maxBytes": 100000,
        #     "backupCount": 3,
        #     "formatter": "logfile",
        # },
    },
    "loggers": {
        "django.request": {
            "handlers": ["mail_admins", DEFAULT_LOG],
            "level": "ERROR",
            "propagate": True,
        },
        "django.server": {
            "handlers": ["django.server"],
            "level": "INFO",
            "propagate": False,
        },
        # Logging database queries
        # "django.db.backends": {
        #     "handlers": [DEFAULT_LOG],
        #     "level": "DEBUG",
        # },
        "weblate": {"handlers": [DEFAULT_LOG], "level": DEFAULT_LOGLEVEL},
        # Logging VCS operations
        "weblate.vcs": {"handlers": [DEFAULT_LOG], "level": DEFAULT_LOGLEVEL},
        # Python Social Auth
        "social": {"handlers": [DEFAULT_LOG], "level": DEFAULT_LOGLEVEL},
        # Django Authentication Using LDAP
        "django_auth_ldap": {"handlers": [DEFAULT_LOG], "level": DEFAULT_LOGLEVEL},
        # SAML IdP
        "djangosaml2idp": {"handlers": [DEFAULT_LOG], "level": DEFAULT_LOGLEVEL},
    },
}

# Remove syslog setup if it's not present
if not HAVE_SYSLOG:
    del LOGGING["handlers"]["syslog"]

# List of machine translations
MT_SERVICES = (
    #     "weblate.machinery.apertium.ApertiumAPYTranslation",
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```
    #     "weblate.machinery.baidu.BaiduTranslation",
    #     "weblate.machinery.deepl.DeepLTranslation",
    #     "weblate.machinery.glosbe.GlosbeTranslation",
    #     "weblate.machinery.google.GoogleTranslation",
    #     "weblate.machinery.googlev3.GoogleV3Translation",
    #     "weblate.machinery.microsoft.MicrosoftCognitiveTranslation",
    #     "weblate.machinery.microsoftterminology.MicrosoftTerminologyService",
    #     "weblate.machinery.modernmt.ModernMTTranslation",
    #     "weblate.machinery.mymemory.MyMemoryTranslation",
    #     "weblate.machinery.netease.NeteaseSightTranslation",
    #     "weblate.machinery.tmserver.AmagamaTranslation",
    #     "weblate.machinery.tmserver.TMServerTranslation",
    #     "weblate.machinery.yandex.YandexTranslation",
    #     "weblate.machinery.saptranslationhub.SAPTranslationHub",
    #     "weblate.machinery.youdao.YoudaoTranslation",
    "weblate.machinery.weblatetm.WeblateTranslation",
    "weblate.memory.machine.WeblateMemory",
)

# Machine translation API keys

# URL of the Apertium APy server
MT_APERTIUM_APY = None

# DeepL API key
MT_DEEPL_KEY = None

# Microsoft Cognitive Services Translator API, register at
# https://portal.azure.com/
MT_MICROSOFT_COGNITIVE_KEY = None
MT_MICROSOFT_REGION = None

# ModernMT
MT_MODERNMT_KEY = None

# MyMemory identification email, see
# https://mymemory.translated.net/doc/spec.php
MT_MYMEMORY_EMAIL = None

# Optional MyMemory credentials to access private translation memory
MT_MYMEMORY_USER = None
MT_MYMEMORY_KEY = None

# Google API key for Google Translate API v2
MT_GOOGLE_KEY = None

# Google Translate API3 credentials and project id
MT_GOOGLE_CREDENTIALS = None
MT_GOOGLE_PROJECT = None

# Baidu app key and secret
MT_BAIDU_ID = None
MT_BAIDU_SECRET = None

# Youdao Zhiyun app key and secret
MT_YOUDAO_ID = None
MT_YOUDAO_SECRET = None

# Netease Sight (Jianwai) app key and secret
MT_NETEASE_KEY = None
MT_NETEASE_SECRET = None
```

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```
# API key for Yandex Translate API
MT_YANDEX_KEY = None

# tmserver URL
MT_TMSERVER = None

# SAP Translation Hub
MT_SAP_BASE_URL = None
MT_SAP_SANDBOX_APIKEY = None
MT_SAP_USERNAME = None
MT_SAP_PASSWORD = None
MT_SAP_USE_MT = True

# Title of site to use
SITE_TITLE = "Weblate"

# Site domain
SITE_DOMAIN = ""

# Whether site uses https
ENABLE_HTTPS = False

# Use HTTPS when creating redirect URLs for social authentication, see
# documentation for more details:
# https://python-social-auth-docs.readthedocs.io/en/latest/configuration/settings.
↪html#processing-redirects-and-urlopen
SOCIAL_AUTH_REDIRECT_IS_HTTPS = ENABLE_HTTPS

# Make CSRF cookie HttpOnly, see documentation for more details:
# https://docs.djangoproject.com/en/1.11/ref/settings/#csrf-cookie-httponly
CSRF_COOKIE_HTTPONLY = True
CSRF_COOKIE_SECURE = ENABLE_HTTPS
# Store CSRF token in session
CSRF_USE_SESSIONS = True
# Customize CSRF failure view
CSRF_FAILURE_VIEW = "weblate.trans.views.error.csrf_failure"
SESSION_COOKIE_SECURE = ENABLE_HTTPS
SESSION_COOKIE_HTTPONLY = True
# SSL redirect
SECURE_SSL_REDIRECT = ENABLE_HTTPS
# Sent referrer only for same origin links
SECURE_REFERRER_POLICY = "same-origin"
# SSL redirect URL exemption list
SECURE_REDIRECT_EXEMPT = (r"healthz/$",)  # Allowing HTTP access to health check
# Session cookie age (in seconds)
SESSION_COOKIE_AGE = 1000
SESSION_COOKIE_AGE_AUTHENTICATED = 1209600
# Increase allowed upload size
DATA_UPLOAD_MAX_MEMORY_SIZE = 50000000

# Apply session coookie settings to language cookie as ewll
LANGUAGE_COOKIE_SECURE = SESSION_COOKIE_SECURE
LANGUAGE_COOKIE_HTTPONLY = SESSION_COOKIE_HTTPONLY
LANGUAGE_COOKIE_AGE = SESSION_COOKIE_AGE_AUTHENTICATED * 10

# Some security headers
SECURE_BROWSER_XSS_FILTER = True
X_FRAME_OPTIONS = "DENY"
SECURE_CONTENT_TYPE_NOSNIFF = True
```

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```
# Optionally enable HSTS
SECURE_HSTS_SECONDS = 31536000 if ENABLE_HTTPS else 0
SECURE_HSTS_PRELOAD = ENABLE_HTTPS
SECURE_HSTS_INCLUDE_SUBDOMAINS = ENABLE_HTTPS

# HTTPS detection behind reverse proxy
SECURE_PROXY_SSL_HEADER = None

# URL of login
LOGIN_URL = "{0}/accounts/login/".format(URL_PREFIX)

# URL of logout
LOGOUT_URL = "{0}/accounts/logout/".format(URL_PREFIX)

# Default location for login
LOGIN_REDIRECT_URL = "{0}/".format(URL_PREFIX)

# Anonymous user name
ANONYMOUS_USER_NAME = "anonymous"

# Reverse proxy settings
IP_PROXY_HEADER = "HTTP_X_FORWARDED_FOR"
IP_BEHIND_REVERSE_PROXY = False
IP_PROXY_OFFSET = 0

# Sending HTML in mails
EMAIL_SEND_HTML = True

# Subject of emails includes site title
EMAIL_SUBJECT_PREFIX = "[{0}] ".format(SITE_TITLE)

# Enable remote hooks
ENABLE_HOOKS = True

# By default the length of a given translation is limited to the length of
# the source string * 10 characters. Set this option to False to allow longer
# translations (up to 10.000 characters)
LIMIT_TRANSLATION_LENGTH_BY_SOURCE_LENGTH = True

# Use simple language codes for default language/country combinations
SIMPLIFY_LANGUAGES = True

# Render forms using bootstrap
CRISPY_TEMPLATE_PACK = "bootstrap3"

# List of quality checks
# CHECK_LIST = (
#     "weblate.checks.same.SameCheck",
#     "weblate.checks.chars.BeginNewlineCheck",
#     "weblate.checks.chars.EndNewlineCheck",
#     "weblate.checks.chars.BeginSpaceCheck",
#     "weblate.checks.chars.EndSpaceCheck",
#     "weblate.checks.chars.DoubleSpaceCheck",
#     "weblate.checks.chars.EndStopCheck",
#     "weblate.checks.chars.EndColonCheck",
#     "weblate.checks.chars.EndQuestionCheck",
#     "weblate.checks.chars.EndExclamationCheck",
#     "weblate.checks.chars.EndEllipsisCheck",
#     "weblate.checks.chars.EndSemicolonCheck",
#     "weblate.checks.chars.MaxLengthCheck",
#     "weblate.checks.chars.KashidaCheck",
```

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```
#     "weblate.checks.chars.PunctuationSpacingCheck",
#     "weblate.checks.format.PythonFormatCheck",
#     "weblate.checks.format.PythonBraceFormatCheck",
#     "weblate.checks.format.PHPFormatCheck",
#     "weblate.checks.format.CFormatCheck",
#     "weblate.checks.format.PerlFormatCheck",
#     "weblate.checks.format.JavaScriptFormatCheck",
#     "weblate.checks.format.CSharpFormatCheck",
#     "weblate.checks.format.JavaFormatCheck",
#     "weblate.checks.format.JavaMessageFormatCheck",
#     "weblate.checks.format.PercentPlaceholdersCheck",
#     "weblate.checks.format.VueFormattingCheck",
#     "weblate.checks.format.I18NextInterpolationCheck",
#     "weblate.checks.format.ESTemplateLiteralsCheck",
#     "weblate.checks.angularjs.AngularJSInterpolationCheck",
#     "weblate.checks.qt.QtFormatCheck",
#     "weblate.checks.qt.QtPluralCheck",
#     "weblate.checks.ruby.RubyFormatCheck",
#     "weblate.checks.consistency.PluralsCheck",
#     "weblate.checks.consistency.SamePluralsCheck",
#     "weblate.checks.consistency.ConsistencyCheck",
#     "weblate.checks.consistency.TranslatedCheck",
#     "weblate.checks.chars.EscapedNewlineCountingCheck",
#     "weblate.checks.chars.NewLineCountCheck",
#     "weblate.checks.markup.BBCodeCheck",
#     "weblate.checks.chars.ZeroWidthSpaceCheck",
#     "weblate.checks.render.MaxSizeCheck",
#     "weblate.checks.markup.XMLValidityCheck",
#     "weblate.checks.markup.XMLTagsCheck",
#     "weblate.checks.markup.MarkdownRefLinkCheck",
#     "weblate.checks.markup.MarkdownLinkCheck",
#     "weblate.checks.markup.MarkdownSyntaxCheck",
#     "weblate.checks.markup.URLCheck",
#     "weblate.checks.markup.SafeHTMLCheck",
#     "weblate.checks.placeholders.PlaceholderCheck",
#     "weblate.checks.placeholders.RegexCheck",
#     "weblate.checks.duplicate.DuplicateCheck",
#     "weblate.checks.source.OptionalPluralCheck",
#     "weblate.checks.source.EllipsisCheck",
#     "weblate.checks.source.MultipleFailingCheck",
#     "weblate.checks.source.LongUntranslatedCheck",
#     "weblate.checks.format.MultipleUnnamedFormatsCheck",
# )

# List of automatic fixups
# AUTOFIX_LIST = (
#     "weblate.trans.autofixes.whitespace.SameBookendingWhitespace",
#     "weblate.trans.autofixes.chars.ReplaceTrailingDotsWithEllipsis",
#     "weblate.trans.autofixes.chars.RemoveZeroSpace",
#     "weblate.trans.autofixes.chars.RemoveControlChars",
# )

# List of enabled addons
# WEBLATE_ADDONS = (
#     "weblate.addons.gettext.GenerateMoAddon",
#     "weblate.addons.gettext.UpdateLinguasAddon",
#     "weblate.addons.gettext.UpdateConfigureAddon",
#     "weblate.addons.gettext.MsgmergeAddon",
#     "weblate.addons.gettext.GettextCustomizeAddon",
#     "weblate.addons.gettext.GettextAuthorComments",
#     "weblate.addons.cleanup.CleanupAddon",
```

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```
#     "weblate.addons.consistency.LangaugeConsistencyAddon",
#     "weblate.addons.discovery.DiscoveryAddon",
#     "weblate.addons.flags.SourceEditAddon",
#     "weblate.addons.flags.TargetEditAddon",
#     "weblate.addons.flags.SameEditAddon",
#     "weblate.addons.flags.BulkEditAddon",
#     "weblate.addons.generate.GenerateFileAddon",
#     "weblate.addons.json.JSONCustomizeAddon",
#     "weblate.addons.properties.PropertiesSortAddon",
#     "weblate.addons.git.GitSquashAddon",
#     "weblate.addons.removal.RemoveComments",
#     "weblate.addons.removal.RemoveSuggestions",
#     "weblate.addons.resx.ResxUpdateAddon",
#     "weblate.addons.yaml.YAMLCustomizeAddon",
#     "weblate.addons.cdn.CDNJSAddon",
#     "weblate.addons.autotranslate.AutoTranslateAddon",
# )

# E-mail address that error messages come from.
SERVER_EMAIL = "noreply@example.com"

# Default email address to use for various automated correspondence from
# the site managers. Used for registration emails.
DEFAULT_FROM_EMAIL = "noreply@example.com"

# List of URLs your site is supposed to serve
ALLOWED_HOSTS = ["*"]

# Configuration for caching
CACHES = {
    "default": {
        "BACKEND": "django_redis.cache.RedisCache",
        "LOCATION": "redis://127.0.0.1:6379/1",
        # If redis is running on same host as Weblate, you might
        # want to use unix sockets instead:
        # "LOCATION": "unix:///var/run/redis/redis.sock?db=1",
        "OPTIONS": {
            "CLIENT_CLASS": "django_redis.client.DefaultClient",
            "PARSER_CLASS": "redis.connection.HiredisParser",
            "PASSWORD": None,
            "CONNECTION_POOL_KWARGS": {},
        },
        "KEY_PREFIX": "weblate",
    },
    "avatar": {
        "BACKEND": "django.core.cache.backends.filebased.FileBasedCache",
        "LOCATION": os.path.join(DATA_DIR, "avatar-cache"),
        "TIMEOUT": 86400,
        "OPTIONS": {"MAX_ENTRIES": 1000},
    },
}

# Store sessions in cache
SESSION_ENGINE = "django.contrib.sessions.backends.cache"
# Store messages in session
MESSAGE_STORAGE = "django.contrib.messages.storage.session.SessionStorage"

# REST framework settings for API
REST_FRAMEWORK = {
    # Use Django's standard `django.contrib.auth` permissions,
    # or allow read-only access for unauthenticated users.
```

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```
    "DEFAULT_PERMISSION_CLASSES": [
        # Require authentication for login required sites
        "rest_framework.permissions.IsAuthenticated"
        if REQUIRE_LOGIN
        else "rest_framework.permissions.IsAuthenticatedOrReadOnly"
    ],
    "DEFAULT_AUTHENTICATION_CLASSES": (
        "rest_framework.authentication.TokenAuthentication",
        "weblate.api.authentication.BearerAuthentication",
        "rest_framework.authentication.SessionAuthentication",
    ),
    "DEFAULT_THROTTLE_CLASSES": (
        "weblate.api.throttling.UserRateThrottle",
        "weblate.api.throttling.AnonRateThrottle",
    ),
    "DEFAULT_THROTTLE_RATES": {"anon": "100/day", "user": "5000/hour"},
    "DEFAULT_PAGINATION_CLASS": ("rest_framework.pagination.PageNumberPagination"),
    "PAGE_SIZE": 20,
    "VIEW_DESCRIPTION_FUNCTION": "weblate.api.views.get_view_description",
    "UNAUTHENTICATED_USER": "weblate.auth.models.get_anonymous",
}

# Fonts CDN URL
FONTS_CDN_URL = None

# Django compressor offline mode
COMPRESS_OFFLINE = False
COMPRESS_OFFLINE_CONTEXT = [
    {"fonts_cdn_url": FONTS_CDN_URL, "STATIC_URL": STATIC_URL, "LANGUAGE_BIDI":␣
↪True},
    {"fonts_cdn_url": FONTS_CDN_URL, "STATIC_URL": STATIC_URL, "LANGUAGE_BIDI":␣
↪False},
]

# Require login for all URLs
if REQUIRE_LOGIN:
    LOGIN_REQUIRED_URLS = (r"/(.*)$",)

# In such case you will want to include some of the exceptions
# LOGIN_REQUIRED_URLS_EXCEPTIONS = (
#     rf"{URL_PREFIX}/accounts/(.*)$",  # Required for login
#     rf"{URL_PREFIX}/admin/login/(.*)$",  # Required for admin login
#     rf"{URL_PREFIX}/static/(.*)$",  # Required for development mode
#     rf"{URL_PREFIX}/widgets/(.*)$",  # Allowing public access to widgets
#     rf"{URL_PREFIX}/data/(.*)$",  # Allowing public access to data exports
#     rf"{URL_PREFIX}/hooks/(.*)$",  # Allowing public access to notification hooks
#     rf"{URL_PREFIX}/healthz/$",  # Allowing public access to health check
#     rf"{URL_PREFIX}/api/(.*)$",  # Allowing access to API
#     rf"{URL_PREFIX}/js/i18n/$",  # JavaScript localization
#     rf"{URL_PREFIX}/contact/$",  # Optional for contact form
#     rf"{URL_PREFIX}/legal/(.*)$",  # Optional for legal app
# )

# Silence some of the Django system checks
SILENCED_SYSTEM_CHECKS = [
    # We have modified django.contrib.auth.middleware.AuthenticationMiddleware
    # as weblate.accounts.middleware.AuthenticationMiddleware
    "admin.E408"
]

# Celery worker configuration for testing
```

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```
# CELERY_TASK_ALWAYS_EAGER = True
# CELERY_BROKER_URL = "memory://"
# CELERY_TASK_EAGER_PROPAGATES = True
# Celery worker configuration for production
CELERY_TASK_ALWAYS_EAGER = False
CELERY_BROKER_URL = "redis://localhost:6379"
CELERY_RESULT_BACKEND = CELERY_BROKER_URL

# Celery settings, it is not recommended to change these
CELERY_WORKER_MAX_MEMORY_PER_CHILD = 200000
CELERY_BEAT_SCHEDULE_FILENAME = os.path.join(DATA_DIR, "celery", "beat-schedule")
CELERY_TASK_ROUTES = {
    "weblate.trans.tasks.auto_translate": {"queue": "translate"},
    "weblate.accounts.tasks.notify_*": {"queue": "notify"},
    "weblate.accounts.tasks.send_mails": {"queue": "notify"},
    "weblate.utils.tasks.settings_backup": {"queue": "backup"},
    "weblate.utils.tasks.database_backup": {"queue": "backup"},
    "weblate.wladmin.tasks.backup": {"queue": "backup"},
    "weblate.wladmin.tasks.backup_service": {"queue": "backup"},
    "weblate.memory.tasks.*": {"queue": "memory"},
}

# Enable plain database backups
DATABASE_BACKUP = "plain"

# Enable auto updating
AUTO_UPDATE = False

# PGP commits signing
WEBLATE_GPG_IDENTITY = None

# Third party services integration
MATOMO_SITE_ID = None
MATOMO_URL = None
GOOGLE_ANALYTICS_ID = None
SENTRY_DSN = None
AKISMET_API_KEY = None
```

2.18 Órdenes de gestión

Nota: Running management commands under a different user than the one running your webserver can result in files getting wrong permissions, please check *Permisos del sistema de archivos* for more details.

You will find basic management commands (available as `./manage.py` in the Django sources, or as an extended set in a script called **`weblate`** installable atop Weblate).

2.18.1 Invocar órdenes de gestión

Como ya se mencionó, la invocación dependerá de cómo instaló Weblate.

If using virtualenv for Weblate, you can either specify the full path to **weblate**, or activate the virtualenv prior to invoking it:

```
# Direct invocation
~/weblate-env/bin/weblate

# Activating virtualenv adds it to search path
. ~/weblate-env/bin/activate
weblate
```

If you are using source code directly (either from a tarball or Git checkout), the management script is `./manage.py` available in the Weblate sources. To run it:

```
python ./manage.py list_versions
```

If you've installed Weblate using the pip or pip3 installer, or by using the `./setup.py` script, the **weblate** is installed to your path (or virtualenv path), from where you can use it to control Weblate:

```
weblate list_versions
```

For the Docker image, the script is installed like above, and you can run it using **docker exec**:

```
docker exec --user weblate <container> weblate list_versions
```

For **docker-compose** the process is similar, you just have to use **docker-compose exec**:

```
docker-compose exec --user weblate weblate weblate list_versions
```

In case you need to pass it a file, you can temporary add a volume:

```
docker-compose exec --user weblate /tmp:/tmp weblate weblate importusers /tmp/
↪users.json
```

Ver también:

Instalar con Docker, *Instalar en Debian y Ubuntu*, *Instalar en SUSE y openSUSE*, *Instalar en Red Hat, Fedora y CentOS*

- *Instalar desde el código fuente*, recommended for development.

2.18.2 add_suggestions

weblate add_suggestions <project> <component> <language> <file>

Nuevo en la versión 2.5.

Imports a translation from the file to use as a suggestion for the given translation. It skips duplicated translations; only different ones are added.

--author `USER@EXAMPLE.COM`
: E-mail of author for the suggestions. This user has to exist prior to importing (you can create one in the admin interface if needed).

Ejemplo:

```
weblate --author michal@cihar.com add_suggestions weblate application cs /tmp/
↪suggestions-cs.po
```

2.18.3 auto_translate

weblate auto_translate <project> <component> <language>

Nuevo en la versión 2.5.

Realiza traducciones automáticas basadas en las traducciones de otros componentes.

--source PROJECT/COMPONENT
Specifies the component to use as source available for translation. If not specified all components in the project are used.

--user USERNAME
Specify username listed as author of the translations. «Anonymous user» is used if not specified.

--overwrite
Whether to overwrite existing translations.

--inconsistent
Whether to overwrite existing translations that are inconsistent (see *Incoherente*).

--add
Automatically add language if a given translation does not exist.

--mt MT
Use machine translation instead of other components as machine translations.

--threshold THRESHOLD
Similarity threshold for machine translation, defaults to 80.

Ejemplo:

```
weblate auto_translate --user nijel --inconsistent --source weblate/application␣
↪weblate website cs
```

Ver también:

Traducción automática

2.18.4 celery_queues

weblate celery_queues

Nuevo en la versión 3.7.

Displays length of Celery task queues.

2.18.5 checkgit

weblate checkgit <project|project/component>

Prints current state of the back-end Git repository.

You can either define which project or component to update (for example `weblate/application`), or use `--all` to update all existing components.

2.18.6 commitgit

weblate commitgit <project|project/component>

Commits any possible pending changes to the back-end Git repository.

You can either define which project or component to update (for example `weblate/application`), or use `--all` to update all existing components.

2.18.7 commit_pending

weblate commit_pending <project|project/component>

Commits pending changes older than a given age.

You can either define which project or component to update (for example `weblate/application`), or use `--all` to update all existing components.

--age `HOURS`
Age in hours for committing. If not specified the value configured in *Configuración de componentes* is used.

Nota: This is automatically performed in the background by Weblate, so there no real need to invoke this manually, besides forcing an earlier commit than specified by *Configuración de componentes*.

Ver también:

Efectuar tareas de mantenimiento, `COMMIT_PENDING_HOURS`

2.18.8 cleanuptrans

weblate cleanuptrans

Cleans up orphaned checks and translation suggestions. There is normally no need to run this manually, as the cleanups happen automatically in the background.

Ver también:

Efectuar tareas de mantenimiento

2.18.9 createadmin

weblate createadmin

Creates an `admin` account with a random password, unless it is specified.

--password `PASSWORD`
Permite proporcionar una contraseña mediante la línea de órdenes, de modo que no se genere una aleatoria.

--no-password
Do not set password, this can be useful with *–update*.

--username `USERNAME`
Use the given name instead of `admin`.

--email `USER@EXAMPLE.COM`
Specify the admin e-mail address.

--name
Specify the admin name (visible).

--update
Update the existing user (you can use this to change passwords).

Distinto en la versión 2.9: Added parameters `--username`, `--email`, `--name` and `--update`.

2.18.10 dump_memory

weblate dump_memory

Nuevo en la versión 2.20.

Export a JSON file containing Weblate Translation Memory content.

Ver también:

Memoria de traducción, *Weblate Translation Memory Schema*

2.18.11 dumpuserdata

weblate dumpuserdata <file.json>

Dumps userdata to a file for later use by *importuserdata*

Consejo: Esto resulta útil cuando hay que migrar o fusionar instalaciones de Weblate.

2.18.12 import_demo

weblate import_demo

Nuevo en la versión 4.1.

Creates a demo project with components based on <https://github.com/WeblateOrg/demo>.

Puede ser de utilidad si está desarrollando Weblate.

2.18.13 import_json

weblate import_json <json-file>

Nuevo en la versión 2.7.

Batch import of components based on JSON data.

The imported JSON file structure pretty much corresponds to the component object (see *GET /api/components/(string:project)/(string:component)/*). You have to include the `name` and `filemask` fields.

--project `PROJECT`
Specifies where the components will be imported from.

--main-component `COMPONENT`
Use the given VCS repository from this component for all of them.

--ignore
Skip (already) imported components.

--update
Update (already) imported components.

Distinto en la versión 2.9: The parameters `--ignore` and `--update` are there to deal with already imported components.

Ejemplo de archivo JSON:

```
[
  {
    "slug": "po",
    "name": "Gettext PO",
    "file_format": "po",
    "filemask": "po/*.po",
    "new_lang": "none"
  },
  {
    "name": "Android",
    "filemask": "android/values-*/strings.xml",
    "template": "android/values/strings.xml",
    "repo": "weblate://test/test",
    "file_format": "aresource"
  }
]
```

Ver también:

import_memory

2.18.14 import_memory

weblate import_memory <file>

Nuevo en la versión 2.20.

Importa un archivo TMX o JSON en la memoria de traducción de Weblate.

--language-map LANGMAP
: Allows mapping languages in the TMX to the Weblate translation memory. The language codes are mapped after normalization usually done by Weblate.

  `--language-map en_US:en` will for example import all `en_US` strings as `en` ones.

  This can be useful in case your TMX file locales happen not to match what you use in Weblate.

Ver también:

Memoria de traducción, *Weblate Translation Memory Schema*

2.18.15 import_project

weblate import_project <project> <gitrepo> <branch> <filemask>

Distinto en la versión 3.0: The import_project command is now based on the *Detección de componentes* addon, leading to some changes in behavior and what parameters are accepted.

Batch imports components into project based on filemask.

<project> names an existing project, into which the components are to be imported.

The *<gitrepo>* defines the Git repository URL to use, and *<branch>* signifies the Git branch. To import additional translation components from an existing Weblate component, use a *weblate://<project>/<component>* URL for the *<gitrepo>*.

The *<filemask>* defines file discovery for the repository. It can be either be made simple using wildcards, or it can use the full power of regular expressions.

The simple matching uses `**` for component name and `*` for language, for example: `**/*.po`

The regular expression has to contain groups named *component* and *language*. For example: `(?P<language>[^/]*)/(?P<component>[^-/]*)\.po`

The import matches existing components based on files and adds the ones that do not exist. It does not change already existing ones.

--name-template TEMPLATE
Customize the name of a component using Django template syntax.

For example: `Documentation: {{ component }}`

--base-file-template TEMPLATE
Customize the base file for monolingual translations.

For example: `{{ component }}/res/values/string.xml`

--new-base-template TEMPLATE
Customize the base file for addition of new translations.

For example: `{{ component }}/ts/en.ts`

--file-format FORMAT
You can also specify the file format to use (see *Formatos de archivo admitidos*), the default is auto-detection.

--language-regex REGEX
You can specify language filtering (see *Configuración de componentes*) with this parameter. It has to be a valid regular expression.

--main-component
You can specify which component will be chosen as the main one—the one actually containing the VCS repository.

--license NAME
Specify the overall, project or component translation license.

--license-url URL
Specify the URL where the translation license is to be found.

--vcs NAME
In case you need to specify which version control system to use, you can do it here. The default version control is Git.

To give you some examples, let's try importing two projects.

First The Debian Handbook translations, where each language has separate a folder with the translations of each chapter:

```
weblate import_project \
    debian-handbook \
    git://anonscm.debian.org/debian-handbook/debian-handbook.git \
    squeeze/master \
    '*/**.po'
```

Then the Tanaguru tool, where the file format needs be specified, along with the base file template, and how all components and translations are located in single folder:

```
weblate import_project \
    --file-format=properties \
    --base-file-template=web-app/tgol-web-app/src/main/resources/i18n/%s-I18N.
↪properties \
    tanaguru \
    https://github.com/Tanaguru/Tanaguru \
    master \
    web-app/tgol-web-app/src/main/resources/i18n/**-I18N_*.properties
```

More complex example of parsing of filenames to get the correct component and language out of a filename like `src/security/Numerous_security_holes_in_0.10.1.de.po`:

```
weblate import_project \
    tails \
    git://git.tails.boum.org/tails master \
    'wiki/src/security/(?P<component>.*)\.(?P<language>[^.]*)\.po$'
```

Filtering only translations in a chosen language:

```
./manage import_project \
    --language-regex '^(cs|sk)$' \
    weblate \
    https://github.com/WeblateOrg/weblate.git \
    'weblate/locale/*/LC_MESSAGES/**.po'
```

Importing Sphinx documentation split to multiple files:

```
$ weblate import_project --name-template 'Documentation: %s' \
    --file-format po \
    project https://github.com/project/docs.git master \
    'docs/locale/*/LC_MESSAGES/**.po'
```

Importing Sphinx documentation split to multiple files and directories:

```
$ weblate import_project --name-template 'Directory 1: %s' \
    --file-format po \
    project https://github.com/project/docs.git master \
    'docs/locale/*/LC_MESSAGES/dir1/**.po'
$ weblate import_project --name-template 'Directory 2: %s' \
    --file-format po \
    project https://github.com/project/docs.git master \
    'docs/locale/*/LC_MESSAGES/dir2/**.po'
```

Ver también:

More detailed examples can be found in the *Starting with internationalization* chapter, alternatively you might want to use `import_json`.

2.18.16 importuserdata

`weblate importuserdata <file.json>`

Imports user data from a file created by `dumpuserdata`

2.18.17 importusers

`weblate importusers --check <file.json>`

Imports users from JSON dump of the Django auth_users database.

`--check`

With this option it will just check whether a given file can be imported and report possible conflicts arising from usernames or e-mails.

You can dump users from the existing Django installation using:

```
weblate dumpdata auth.User > users.json
```

2.18.18 install_addon

Nuevo en la versión 3.2.

weblate install_addon --addon ADDON <project|project/component>

Installs an addon to a set of components.

--addon ADDON
Name of the addon to install. For example `weblate.gettext.customize`.

--configuration CONFIG
JSON encoded configuration of an addon.

--update
Update the existing addon configuration.

You can either define which project or component to install the addon in (for example `weblate/application`), or use `--all` to include all existing components.

To install *Personalizar la salida de gettext* for all components:

```
weblate install_addon --addon weblate.gettext.customize --config '{"width": -1}' --
↪update --all
```

Ver también:

Complementos

2.18.19 list_languages

weblate list_languages <locale>

Lists supported languages in MediaWiki markup - language codes, English names and localized names.

This is used to generate <https://wiki.l10n.cz/Slovn%C3%ADk_s_n%C3%A1zvy_jazyk%C5%AF>.

2.18.20 list_translators

weblate list_translators <project|project/component>

Lists translators by contributed language for the given project:

```
[French]
Jean Dupont <jean.dupont@example.com>
[English]
John Doe <jd@example.com>
```

--language-code
List names by language code instead of language name.

You can either define which project or component to use (for example `weblate/application`), or use `--all` to list translators from all existing components.

2.18.21 list_versions

weblate list_versions

Lists all Weblate dependencies and their versions.

2.18.22 loadpo

weblate loadpo <project|project/component>

Reloads translations from disk (for example in case you have done some updates in the VCS repository).

--force
Force update, even if the files should be up-to-date.

--lang LANGUAGE
Limit processing to a single language.

You can either define which project or component to update (for example `weblate/application`), or use `--all` to update all existing components.

Nota: You seldom need to invoke this, Weblate will automatically load changed files for every VCS update. This is needed in case you manually changed an underlying Weblate VCS repository or in some special cases following an upgrade.

2.18.23 lock_translation

weblate lock_translation <project|project/component>

Prevents further translation of a component.

Consejo: Useful in case you want to do some maintenance on the underlying repository.

You can either define which project or component to update (for example `weblate/application`), or use `--all` to update all existing components.

Ver también:

unlock_translation

2.18.24 move_language

weblate move_language source target

Nuevo en la versión 3.0.

Allows you to merge language content. This is useful when updating to a new version which contains aliases for previously unknown languages that have been created with the *(generated)* suffix. It moves all content from the *source* language to the *target* one.

Ejemplo:

```
weblate move_language cze cs
```

After moving the content, you should check whether there is anything left (this is subject to race conditions when somebody updates the repository meanwhile) and remove the *(generated)* language.

2.18.25 pushgit

weblate pushgit <project|project/component>

Pushes committed changes to the upstream VCS repository.

--force-commit
Force commits any pending changes, prior to pushing.

You can either define which project or component to update (for example `weblate/application`), or use `--all` to update all existing components.

Nota: Weblate pushes changes automatically if *Push on commit* in *Configuración de componentes* is turned on, which is the default.

2.18.26 unlock_translation

weblate unlock_translation <project|project/component>

Unlocks a given component, making it available for translation.

Consejo: Useful in case you want to do some maintenance on the underlying repository.

You can either define which project or component to update (for example `weblate/application`), or use `--all` to update all existing components.

Ver también:

lock_translation

2.18.27 setupgroups

weblate setupgroups

Configures default groups and optionally assigns all users to that default group.

--no-privs-update
Turns off automatic updating of existing groups (only adds new ones).

--no-projects-update
Prevents automatic updates of groups for existing projects. This allows adding newly added groups to existing projects, see *Control de acceso por proyecto*.

Ver también:

Control de acceso

2.18.28 setuplang

weblate setuplang

Updates list of defined languages in Weblate.

--no-update
Turns off automatic updates of existing languages (only adds new ones).

2.18.29 updatechecks

`weblate updatechecks <project|project/component>`

Updates all checks for all strings.

Consejo: Useful for upgrades which do major changes to checks.

You can either define which project or component to update (for example `weblate/application`), or use `--all` to update all existing components.

2.18.30 updategit

`weblate updategit <project|project/component>`

Fetches remote VCS repositories and updates the internal cache.

You can either define which project or component to update (for example `weblate/application`), or use `--all` to update all existing components.

Nota: Usually it is better to configure hooks in the repository to trigger *Actuadores de notificaciones*, instead of regular polling by `updategit`.

2.19 Anuncios

Distinto en la versión 4.0: En versiones anteriores, esta prestación se denominaba «mensajes en pizarra».

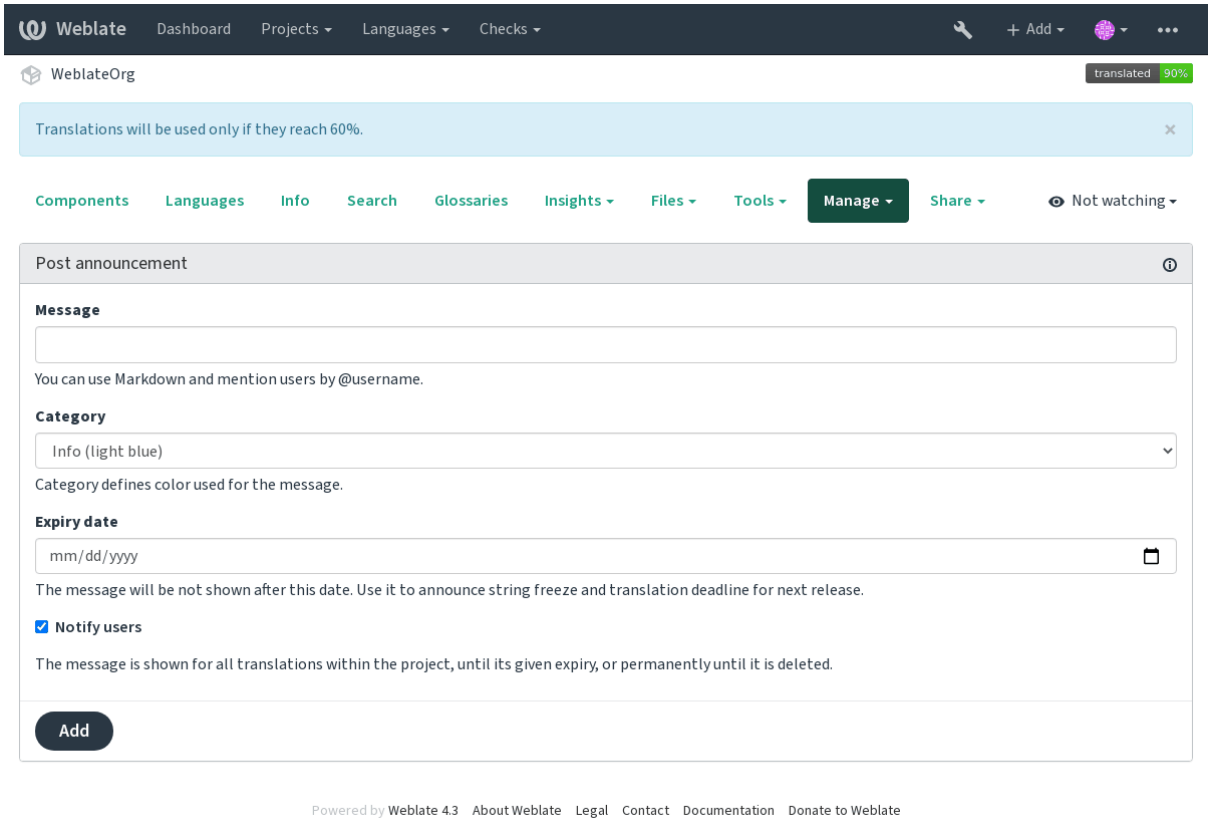
Provide info to your translators by posting announcements, site-wide, per project, component, or language.

Announce the purpose, deadlines, status, or specify targets for translation.

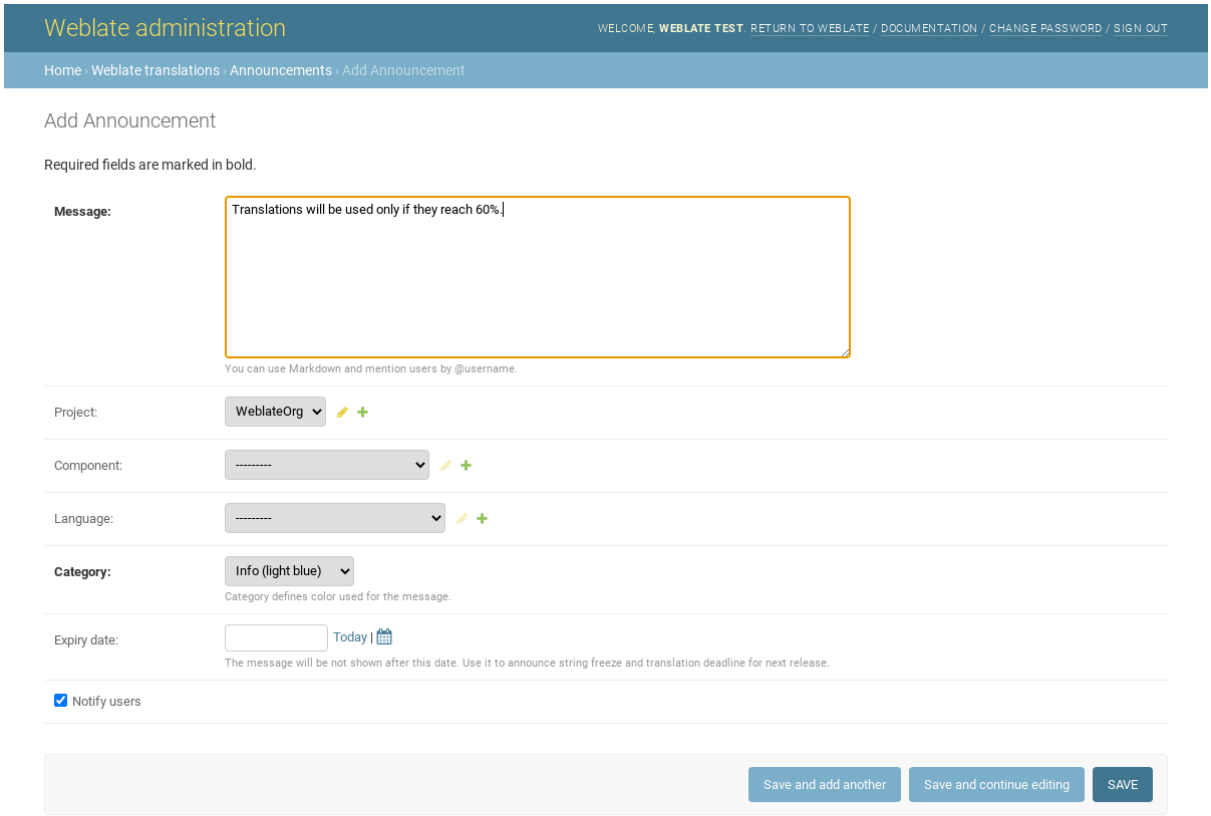
Los usuarios recibirán una notificación por cada anuncio en los proyectos que monitorizan (salvo que decidan no recibirlas).

This can be useful for various things from announcing the purpose of the website to specifying targets for translations.

The announcements can posted on each level in the *Manage* menu, using *Post announcement*:



It can be also added using the admin interface:



The announcements are then shown based on their specified context:

No context specified

Shown on dashboard (landing page).

Project specified

Shown within the project, including all its components and translations.

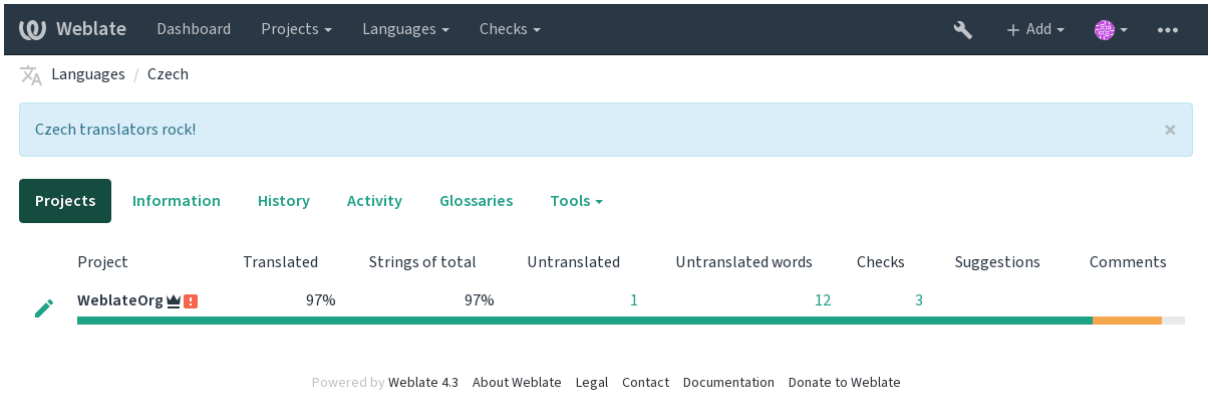
Component specified

Shown for a given component and all its translations.

Language specified

Shown on the language overview and all translations in that language.

This is how it looks on the language overview page:



2.20 Listas de componentes

Specify multiple lists of components to appear as options on the user dashboard, from which users can pick one as their default view. See *Cuadro de mando* to learn more.

Distinto en la versión 2.20: A status will be presented for each component list presented on the dashboard.

The names and content of component lists can be specified in the admin interface, in *Component lists* section. Each component list must have a name that is displayed to the user, and a slug representing it in the URL.

Distinto en la versión 2.13: Change dashboard settings for anonymous users from the admin interface, altering what dashboard is presented to unauthenticated users.

2.20.1 Listas de componentes automáticas

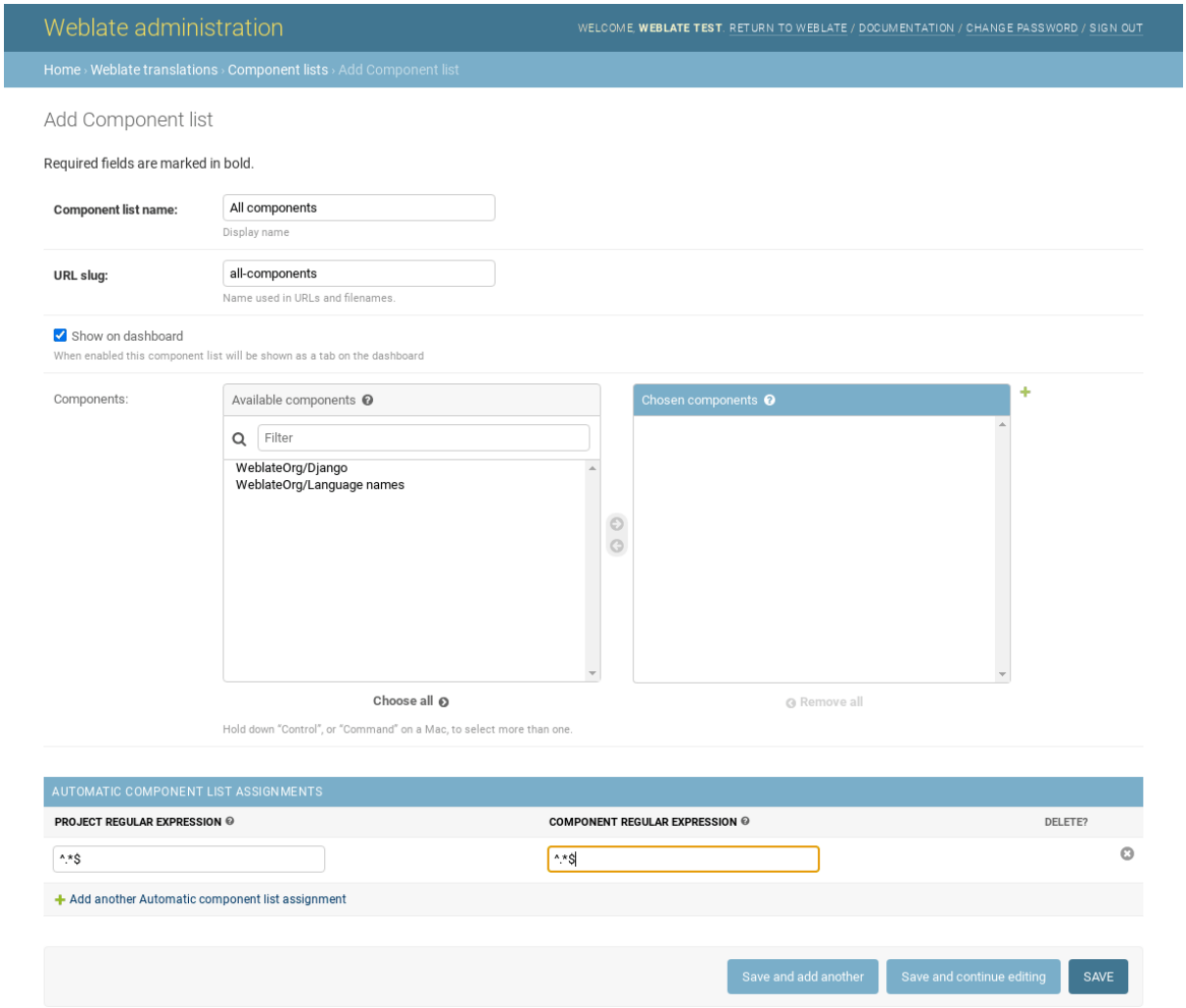
Nuevo en la versión 2.13.

Add components to the list automatically based on their slug by creating *Automatic component list assignment* rules.

- Useful for maintaining component lists for large installations, or in case you want to have one component list with all components on your Weblate installation.

Consejo: Make a component list containing all the components of your Weblate installation.

1. Define *Automatic component list assignment* with `^.*$` as regular expression in both the project and the component fields, as shown on this image:



2.21 Módulos opcionales de Weblate

Hay varios módulos opcionales disponibles para que los configure.

2.21.1 Git exporter

Nuevo en la versión 2.10.

Provides you read-only access to the underlying Git repository using HTTP(S).

Instalación

1. Add `weblate.gitexport` to installed apps in `settings.py`:

```
INSTALLED_APPS += (
    'weblate.gitexport',
)
```

2. Export existing repositories by migrating your database after installation:

```
weblate migrate
```

Uso

The module automatically hooks into Weblate and sets the exported repository URL in the *Configuración de componentes*. The repositories are accessible under the `/git/` part of the Weblate URL, for example `https://example.org/git/weblate/master/`:

```
git clone 'https://example.org/git/weblate/master/'
```

Repositories are available anonymously unless *Control de acceso por proyecto* is turned on. This requires authenticate using your API token (it can be obtained in your *Perfil de usuario*):

```
git clone 'https://user:KEY@example.org/git/weblate/master/'
```

2.21.2 Facturación

Nuevo en la versión 2.4.

This is used on Hosted Weblate to define billing plans, track invoices and usage limits.

Instalación

1. Add `weblate.billing` to installed apps in `settings.py`:

```
INSTALLED_APPS += (
    'weblate.billing',
)
```

2. Run the database migration to optionally install additional database structures for the module:

```
weblate migrate
```

Uso

After installation you can control billing in the admin interface. Users with billing enabled will get new *Billing* tab in their *Perfil de usuario*.

The billing module additionally allows project admins to create new projects and components without being superusers (see *Añadir proyectos y componentes de traducción*). This is possible when following conditions are met:

- The billing is in its configured limits (any overusage results in blocking of project/component creation) and paid (if its price is non zero)
- The user is admin of existing project with billing or user is owner of billing (the latter is necessary when creating new billing for users to be able to import new projects).

Upon project creation user is able to choose which billing should be charged for the project in case he has access to more of them.

2.21.3 Información legal

Nuevo en la versión 2.15.

This is used on Hosted Weblate to provide required legal documents. It comes provided with blank documents, and you are expected to fill out the following templates in the documents:

legal/documents/tos.html Terms of service document

legal/documents/privacy.html Privacy policy document

legal/documents/summary.html Short overview of the terms of service and privacy policy

---

Nota: Legal documents for the Hosted Weblate service is available in this Git repository <https://github.com/WeblateOrg/hosted/tree/master/wlhosted/legal/templates/legal/documents>.

Most likely these will not be directly usable to you, but might come in handy as a starting point if adjusted to meet your needs.

Instalación

1. Add `weblate.legal` to installed apps in `settings.py`:

```
INSTALLED_APPS += (
    'weblate.legal',
)

# Optional:

# Social auth pipeline to confirm TOS upon registration/subsequent login
SOCIAL_AUTH_PIPELINE += (
    'weblate.legal.pipeline.tos_confirm',
)

# Middleware to enforce TOS confirmation of signed in users
MIDDLEWARE += [
    'weblate.legal.middleware.RequireTOSMiddleware',
]
```

2. Run the database migration to optionally install additional database structures for the module:

```
weblate migrate
```

3. Edit the legal documents in the `weblate/legal/templates/legal/` folder to match your service.

Uso

After installation and editing, the legal documents are shown in the Weblate UI.

2.21.4 Avatars

Avatars are downloaded and cached server-side to reduce information leaks to the sites serving them by default. The built-in support for fetching avatars from e-mails addresses configured for it can be turned off using `ENABLE_AVATARS`.

Weblate currently supports:

- Gravatar

Ver también:

Caché de avatars, `AVATAR_URL_PREFIX`, `ENABLE_AVATARS`

2.21.5 Spam protection

You can protect against suggestion spamming by unauthenticated users by using the akismet.com service.

1. Install the *akismet* Python module
2. Configure the Akismet API key.

Nota: This (among other things) relies on IP address of the client, please see *Running behind reverse proxy* for properly configuring that.

Ver también:

Running behind reverse proxy, `AKISMET_API_KEY`

2.21.6 Signing Git commits with GnuPG

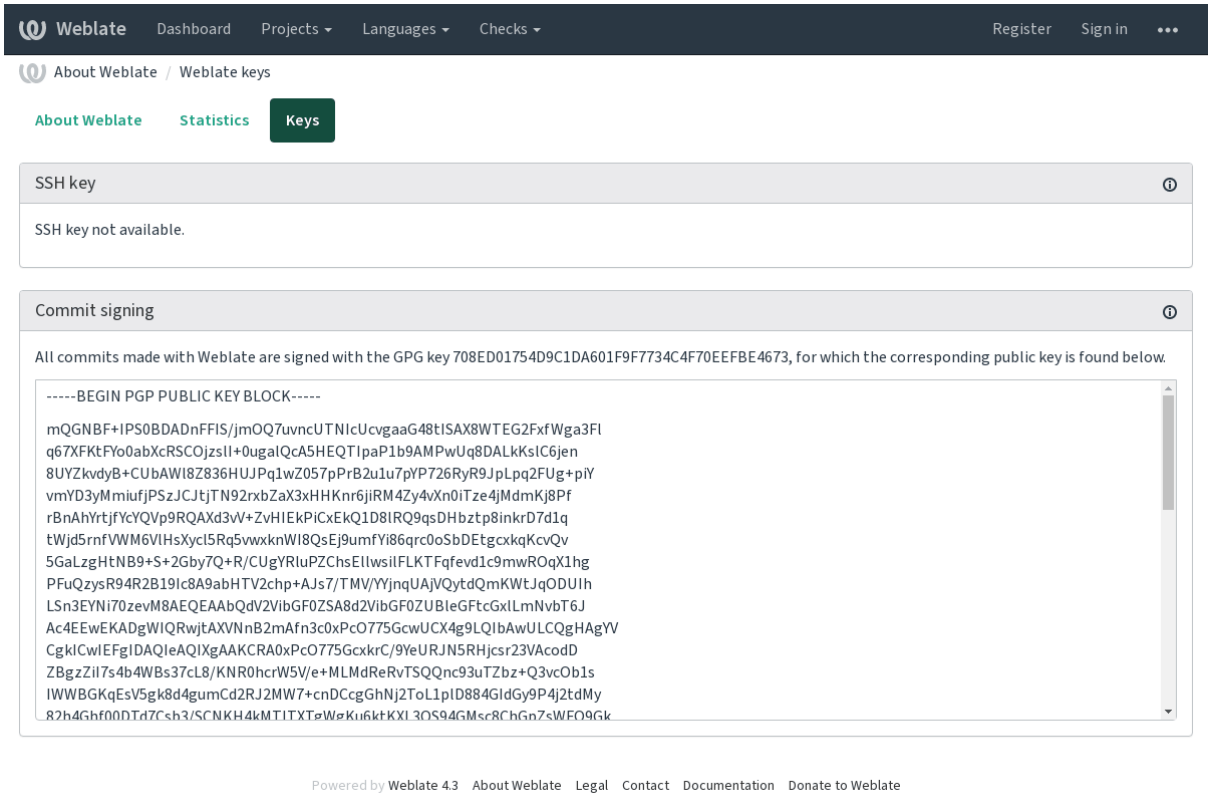
Nuevo en la versión 3.1.

All commits can be signed by the GnuPG key of the Weblate instance.

1. Turn on `WEBLATE_GPG_IDENTITY`. (Weblate will generate a GnuPG key when needed and will use it to sign all translation commits.)

This feature needs GnuPG 2.1 or newer installed.

You can find the key in the `DATA_DIR` and the public key is shown on the «About» page:



2. Alternatively you can also import existing keys into Weblate, just set `HOME=$DATA_DIR/home` when invoking gpg.

Ver también:

WEBLATE_GPG_IDENTITY

2.21.7 Rate limiting

Distinto en la versión 3.2: The rate limiting now accepts more fine-grained configuration.

Several operations in Weblate are rate limited. At most *RATELIMIT_ATTEMPTS* attempts are allowed within *RATELIMIT_WINDOW* seconds. The user is then blocked for *RATELIMIT_LOCKOUT*. There are also settings specific to scopes, for example `RATELIMIT_CONTACT_ATTEMPTS` or `RATELIMIT_TRANSLATE_ATTEMPTS`. The table below is a full list of available scopes.

The following operations are subject to rate limiting:

Nombre	Alcance	Intentos permitidos	Oportunidad del límite de velocidad	Período de bloqueo
Registro	`REGISTRATION`	5	300	600
Enviar un mensaje a los administradores	`MESSAGE`	5	300	600
Autenticación por contraseña al acceder	`LOGIN`	5	300	600
Búsqueda en todo el sitio	`SEARCH`	6	60	60
Traducción	`TRANSLATE`	30	60	600
Adición al glosario	`GLOSSARY`	30	60	600

If a user fails to log in *AUTH_LOCK_ATTEMPTS* times, password authentication will be turned off on the account

until having gone through the process of having its password reset.

Ver también:

Rate limiting, *Running behind reverse proxy*

2.22 Personalizar Weblate

Extend and customize using Django and Python. Contribute your changes upstream so that everybody can benefit. This reduces your maintenance costs; code in Weblate is taken care of when changing internal interfaces or refactoring the code.

Advertencia: Neither internal interfaces nor templates are considered a stable API. Please review your own customizations for every upgrade, the interfaces or their semantics might change without notice.

Ver también:

Contribuir con Weblate

2.22.1 Crear un módulo Python

If you are not familiar with Python, you might want to look into Python For Beginners, explaining the basics and pointing to further tutorials.

To write some custom Python code (called a module), a place to store it is needed, either in the system path (usually something like `/usr/lib/python3.7/site-packages/`) or in the Weblate directory, which is also added to the interpreter search path.

Better yet, turn your customization into a proper Python package:

1. Create a folder for your package (we will use *weblate_customization*).
2. Within it, create a `setup.py` file to describe the package:

```
from setuptools import setup

setup(
    name = "weblate_customization",
    version = "0.0.1",
    author = "Your name",
    author_email = "yourname@example.com",
    description = "Sample Custom check for Weblate.",
    license = "GPLv3+",
    keywords = "Weblate check example",
    packages=['weblate_customization'],
)
```

3. Create a folder for the Python module (also called `weblate_customization`) for the customization code.
4. Within it, create a `__init__.py` file to make sure Python can import the module.
5. This package can now be installed using **`pip install -e`**. More info to be found in "Editable" Installs.
6. Once installed, the module can be used in the Weblate configuration (for example `weblate_customization.checks.FooCheck`).

La estructura de su módulo debería lucir similar a esta:

```
weblate_customization
├── setup.py
└── weblate_customization
    ├── __init__.py
    ├── addons.py
    └── checks.py
```

You can find an example of customizing Weblate at <https://github.com/WeblateOrg/customize-example>, it covers all the topics described below.

2.22.2 Cambiar el logo

1. Create a simple Django app containing the static files you want to overwrite (see *Crear un módulo Python*).
2. Add it to `INSTALLED_APPS`:

```
INSTALLED_APPS = (
   # Add your customization as first
   'weblate_customization',

   # Weblate apps are here…
)
```

Branding appears in the following files:

`icons/weblate.svg` Logo mostrado en la barra de navegación.

`logo-*.png` Web icons depending on screen resolution and web-browser.

`favicon.ico` Icono web empleado por navegadores obsoletos.

`weblate-*.png` Avatars for bots or anonymous users. Some web-browsers use these as shortcut icons.

`email-logo.png` Used in notifications e-mails.

3. Run `weblate collectstatic --noinput`, to collect static files served to clients.

Ver también:

Managing static files (e.g. images, JavaScript, CSS), *Serving static files*

2.22.3 Comprobaciones de calidad, complementos y correcciones automáticas personalizadas

To install your code for *Correcciones automáticas personalizadas*, *Writing own checks* or *Escribir un complemento* and in Weblate:

1. Place the files in your Python module containing the Weblate customization (see *Crear un módulo Python*).
2. Add its fully-qualified path to the Python class in the dedicated settings (*`WEBLATE_ADDONS`*, *`CHECK_LIST`* or *`AUTOFIX_LIST`*):

```
# Checks
CHECK_LIST += (
    'weblate_customization.checks.FooCheck',
)

# Autofixes
AUTOFIX_LIST += (
  'weblate_customization.autofix.FooFixer',
)
```

(continué en la próxima página)

(proviene de la página anterior)

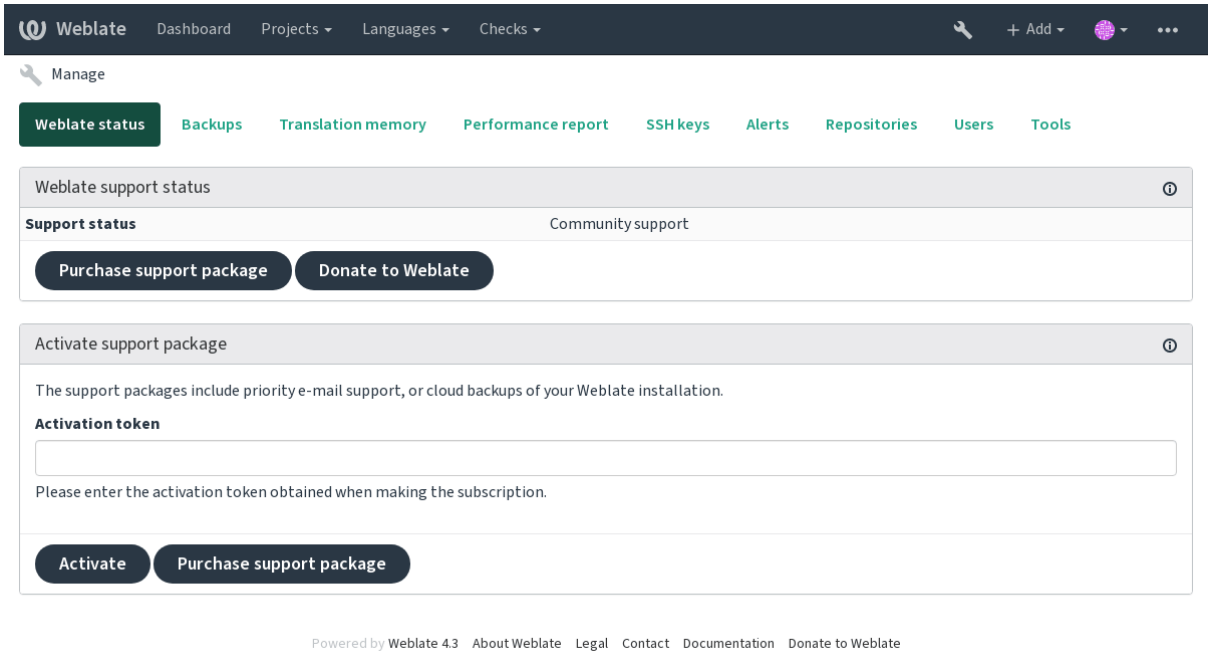
```
# Addons
WEBLATE_ADDONS += (
  'weblate_customization.addons.ExamplePreAddon',
)
```

Ver también:

Correcciones automáticas personalizadas, *Writing own checks*, *Escribir un complemento*, *Executing scripts from addon*

2.23 Interfaz de gestión

The management interface offer administration settings under the `/management/` URL. It is available for users signed in with admin privileges, accessible by using the wrench icon top right:



2.23.1 La interfaz administrativa de Django

Advertencia: Will be removed in the future, as its use is discouraged—most features can be managed directly in Weblate.

Aquí puede gestionar los objetos almacenados en la base de datos, tales como usuarios, traducciones y determinadas configuraciones:

Weblate administration

WELCOME, **WEBLATE TEST**. RETURN TO WEBLATE / DOCUMENTATION / CHANGE PASSWORD / SIGN OUT

Site administration

REPORTS
Weblate support status
Status of repositories
SSH keys
Performance report
Translation memory

ACCOUNTS		
Audit logs	+ Add	Change
Profiles	+ Add	Change
Verified emails	+ Add	Change

AUTH TOKEN		
Tokens	+ Add	Change

AUTHENTICATION		
Groups	+ Add	Change
Roles	+ Add	Change
Users	+ Add	Change

BILLING		
Billings	+ Add	Change
Invoices	+ Add	Change
Plans	+ Add	Change

FONTS		
Font groups	+ Add	Change
Fonts	+ Add	Change

GLOSSARIES		
Glossaries	+ Add	Change

LEGAL		
Agreements	+ Add	Change

PYTHON SOCIAL AUTH		
Associations	+ Add	Change
Nonces	+ Add	Change
User social auths	+ Add	Change

SCREENSHOTS		
Screenshots	+ Add	Change

TRANSLATION MEMORY		
Memorys	+ Add	Change

WEBLATE LANGUAGES		
Languages	+ Add	Change

WEBLATE TRANSLATIONS		
Announcements	+ Add	Change
Component lists	+ Add	Change
Components	+ Add	Change
Contributor agreements	+ Add	Change
Projects	+ Add	Change

Recent actions

My actions

None available

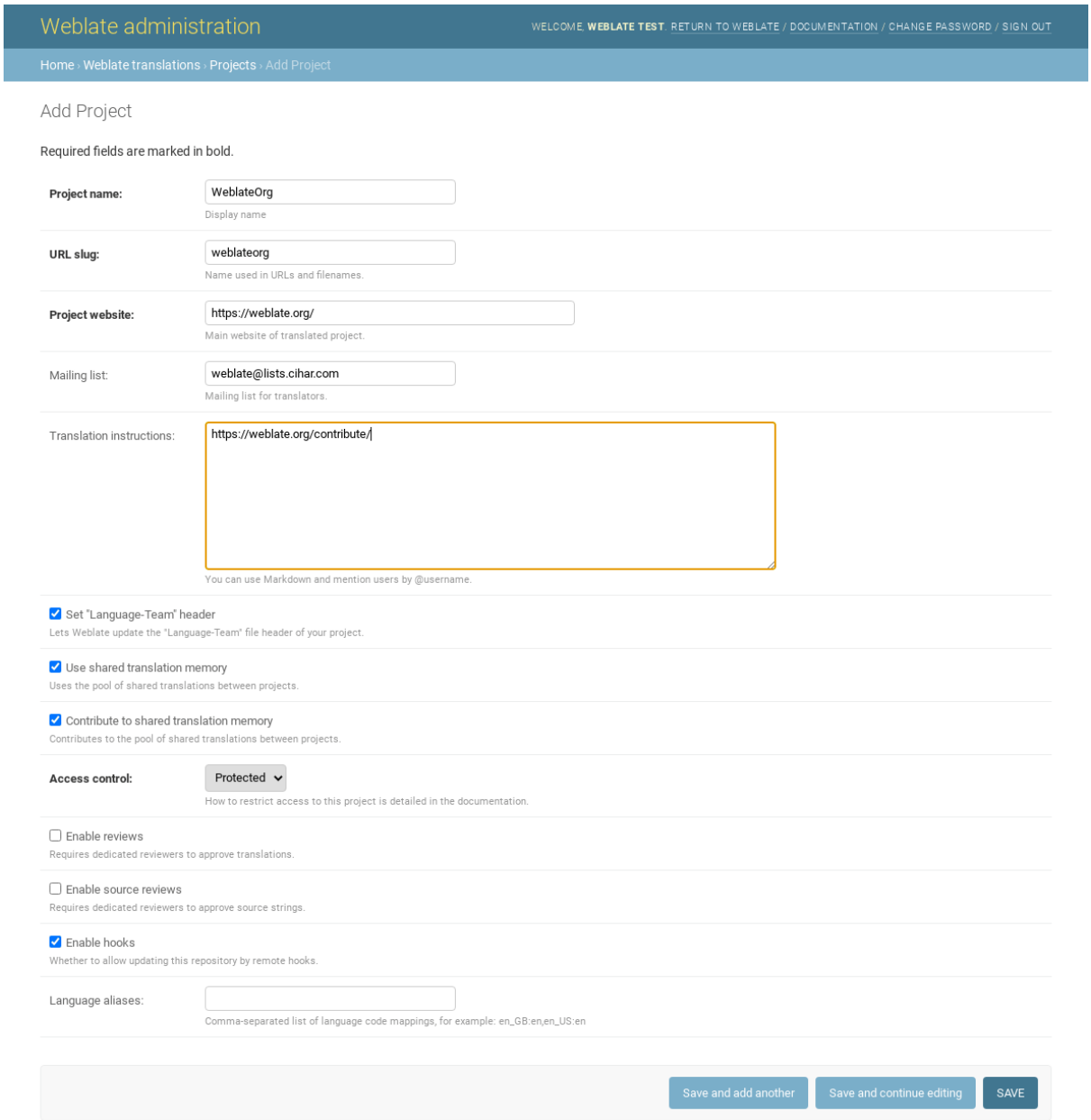
In the *Reports* section, you can check the status of your site, tweak it for *Puesta en marcha de entorno de producción*, or manage SSH keys used to access *Accessing repositories*.

Manage database objects under any of the sections. The most interesting one is probably *Weblate translations*, where you can manage translatable projects, see *Configuración de proyectos* and *Configuración de componentes*.

Weblate languages holds language definitions, explained further in *Language definitions*.

Añadir un proyecto

Adding a project serves as container for all components. Usually you create one project for one piece of software, or book (See *Configuración de proyectos* for info on individual parameters):



Ver también:

Configuración de proyectos

Componentes bilingües

Once you have added a project, translation components can be added to it. (See *Configuración de componentes* for info regarding individual parameters):

Weblate administration

WELCOME, **WEBLATE TEST**. RETURN TO WEBLATE / DOCUMENTATION / CHANGE PASSWORD / SIGN OUT

Home › Weblate translations › Components › Add Component

Add Component

IMPORT SPEED DOCUMENTATION

Required fields are marked in bold.

Component name: Language names
Display name

URL slug: language-names
Name used in URLs and filenames.

Project: WeblateOrg

Version control system: Git
Version control system to use to access your repository containing translations. You can also choose additional integration with third party providers to submit merge requests.

Source code repository: https://github.com/WeblateOrg/demo.git
URL of a repository, use weblate://project/component to share it with other component.

Repository push URL:
URL of a push repository, pushing is turned off if empty.

Repository browser: https://github.com/WeblateOrg/demo/blob/{{branch}}/{{filename}}#L{
Link to repository browser, use {{branch}} for branch, {{filename}} and {{line}} as filename and line placeholders.

Exported repository URL:
URL of repository where users can fetch changes from Weblate

Source string bug reporting address:
Email address for reports on errors in source strings. Leave empty for no e-mails.

Repository branch:
Repository branch to translate

Push branch:
Branch for pushing changes, leave empty to use repository branch

Filemask: weblate/langdata/locale/*/LC_MESSAGES/djg
Path of files to translate relative to repository root, use * instead of language code, for example: po/* po or locale/*/LC_MESSAGES/django.po.

Monolingual base language file:
Filename of translation base file, containing all strings and their source; it is recommended for monolingual translation formats.

☑ Edit base file
Whether users will be able to edit the base file for monolingual translations.

Intermediate language file:
Filename of intermediate translation file. In most cases this is a translation file provided by developers and is used when creating actual source strings.

Template for new translations: weblate/langdata/locale/django.pot
Filename of file used for creating new translations. For gettext choose .pot file.

File format: gettext PO file

☐ Locked
Locked component will not get any translation updates.

☑ Allow translation propagation
Whether translation updates in other components will cause automatic translation in this one

☑ Turn on suggestions
Whether to allow translation suggestions at all.

☐ Suggestion voting
Whether users can vote for suggestions.

Autoaccept suggestions: 0
Automatically accept suggestions with this number of votes, use 0 to turn it off.

Translation flags:
Additional comma-separated flags to influence quality checks. Possible values can be found in the documentation.

Enforced checks: []
List of checks which can not be ignored.

Translation license: GNU General Public License v3.0 or later

Contributor agreement:
User agreement which needs to be approved before a user can translate this component.

Adding new translation: Create new language file
How to handle requests for creating new translations.

Language code style: Default based on the file format
Customize language code used to generate the filename for translations created by Weblate.

Merge style: Rebase
Define whether Weblate should merge the upstream repository or rebase changes onto it.

Commit message when translating:
Translated using Weblate ({{ language_name }})

Currently translated at {{ stats.translated_percent }}% ({{ stats.translated }} of {{ stats.all }} strings)

Translation: {{ project_name }}/{{ component_name }}
Translate-URL: {{ url }}

You can use template language for various info, please consult the documentation for more details.

Commit message when adding translation:
Added translation using Weblate ({{ language_name }})

You can use template language for various info, please consult the documentation for more details.

Commit message when removing translation:
Deleted translation using Weblate ({{ language_name }})

You can use template language for various info, please consult the documentation for more details.

Commit message when merging translation:
Merge branch '{{ component_remote_branch }}' into Weblate.

You can use template language for various info, please consult the documentation for more details.

Commit message when addon makes a change:
Update translation files

Updated by "{{ addon_name }}" hook in Weblate.

Translation: {{ project_name }}/{{ component_name }}
Translate-URL: {{ url }}

You can use template language for various info, please consult the documentation for more details.

Committer name: Weblate

Committer e-mail: noreply@weblate.org

☑ Push on commit
Whether the repository should be pushed upstream on every commit.

Age of changes to commit: 24
Time in hours after which any pending changes will be committed to the VCS.

☑ Lock on error
Whether the component should be locked on repository errors.

Source language: English
Language used for source strings in all components

Language filter: ^(cs|hu|ru)$
Regular expression used to filter translation when scanning for filemask.

Variants regular expression:
Regular expression used to determine variants of a string.

Priority: Medium
Components with higher priority are offered first to translators.

☐ Restricted component
Restrict access to the component to only those explicitly given permission.

Save and add another | Save and continue editing | SAVE

Ver también:

Configuración de componentes, *Formatos bilingües y monolingües*

Componentes monolingües

For easier translation of these, provide a template file containing the mapping of message IDs to its respective source language (usually English). (See *Configuración de componentes* for info regarding individual parameters):

Weblate administration

WELCOME, **WEBLATE TEST**. RETURN TO WEBLATE / DOCUMENTATION / CHANGE PASSWORD / SIGN OUT

Home › Weblate translations › Components › Add Component

Add Component

IMPORT SPEED DOCUMENTATION

Required fields are marked in bold.

Component name: Android
Display name

URL slug: android
Name used in URLs and filenames.

Project: WeblateOrg

Version control system: Git
Version control system to use to access your repository containing translations. You can also choose additional integration with third party providers to submit merge requests.

Source code repository: weblate://weblateorg/language-names
URL of a repository, use weblate://project/component to share it with other component.

Repository push URL:
URL of a push repository, pushing is turned off if empty.

Repository browser:
Link to repository browser, use {{branch}} for branch, {{filename}} and {{line}} as filename and line placeholders.

Exported repository URL:
URL of repository where users can fetch changes from Weblate

Source string bug reporting address:
Email address for reports on errors in source strings. Leave empty for no e-mails.

Repository branch:
Repository branch to translate

Push branch:
Branch for pushing changes, leave empty to use repository branch

Filemask: app/src/main/res/values-*/strings.xml
Path of files to translate relative to repository root, use * instead of language code, for example: po/*.po or locale/*/LC_MESSAGES/django.po.

Monolingual base language file: app/src/main/res/values/strings.xml
Filename of translation base file, containing all strings and their source; it is recommended for monolingual translation formats.

☑ Edit base file
Whether users will be able to edit the base file for monolingual translations.

Intermediate language file:
Filename of intermediate translation file. In most cases this is a translation file provided by developers and is used when creating actual source strings.

Template for new translations:
Filename of file used for creating new translations. For gettext choose .pot file.

File format: Android String Resource

☐ Locked
Locked component will not get any translation updates.

☑ Allow translation propagation
Whether translation updates in other components will cause automatic translation in this one

☑ Turn on suggestions
Whether to allow translation suggestions at all.

☐ Suggestion voting
Whether users can vote for suggestions.

Autoaccept suggestions: 0
Automatically accept suggestions with this number of votes, use 0 to turn it off.

Translation flags:
Additional comma-separated flags to influence quality checks. Possible values can be found in the documentation.

Enforced checks: []
List of checks which can not be ignored.

Translation license: MIT License

Contributor agreement:
User agreement which needs to be approved before a user can translate this component.

Adding new translation: Create new language file
How to handle requests for creating new translations.

Language code style: Default based on the file format
Customize language code used to generate the filename for translations created by Weblate.

Merge style: Rebase
Define whether Weblate should merge the upstream repository or rebase changes onto it.

Commit message when translating:

```
Translated using Weblate ({{language_name}})

Currently translated at {{ stats.translated_percent }}% ({{ stats.translated }} of {{ stats.all }} strings)

Translation: {{ project_name }}/{{ component_name }}
Translate-URL: {{ url }}
```

You can use template language for various info, please consult the documentation for more details.

Commit message when adding translation:

```
Added translation using Weblate ({{ language_name }})
```

You can use template language for various info, please consult the documentation for more details.

Commit message when removing translation:

```
Deleted translation using Weblate ({{ language_name }})
```

You can use template language for various info, please consult the documentation for more details.

Commit message when merging translation:

```
Merge branch '{{ component_remote_branch }}' into Weblate.
```

You can use template language for various info, please consult the documentation for more details.

Commit message when addon makes a change:

```
Update translation files

Updated by "{{ addon_name }}" hook in Weblate.

Translation: {{ project_name }}/{{ component_name }}
Translate-URL: {{ url }}
```

You can use template language for various info, please consult the documentation for more details.

Committer name: Weblate

Committer e-mail: noreply@weblate.org

☑ Push on commit
Whether the repository should be pushed upstream on every commit.

Age of changes to commit: 24
Time in hours after which any pending changes will be committed to the VCS.

☑ Lock on error
Whether the component should be locked on repository errors.

Source language: English
Language used for source strings in all components

Language filter: ^[^,]+$
Regular expression used to filter translation when scanning for filemask.

Variants regular expression:
Regular expression used to determine variants of a string.

Priority: Medium
Components with higher priority are offered first to translators.

☐ Restricted component
Restrict access to the component to only those explicitly given permission.

Save and add another | Save and continue editing | SAVE

Ver también:

Configuración de componentes, *Formatos bilingües y monolingües*

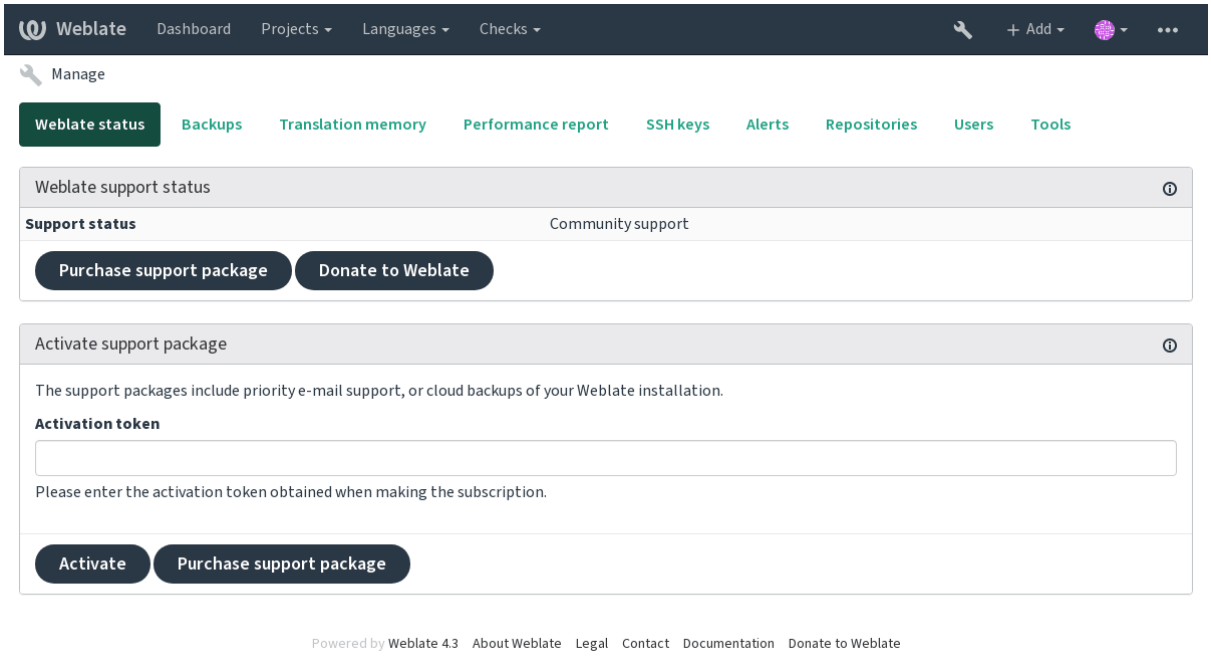
2.24 Obtener ayuda con Weblate

Weblate es *software* libre, de licencia *copyleft*, con asistencia comunitaria. Los suscriptores reciben asistencia prioritaria sin ningún costo adicional. Hay paquetes de ayuda prepagados disponibles para todos. Hallará más información relativa a las opciones de asistencia actuales en <https://weblate.org/es/support/>.

2.24.1 Integrating support

Nuevo en la versión 3.8.

Purchased support packages can optionally be integrated into your Weblate subscription management interface, from where you will find a link to it. Basic instance details about your installation are also reported back to Weblate this way.



2.24.2 Data submitted to the Weblate

- URL en la que se ha configurado su instalación de Weblate
- El título de su sitio
- La versión de Weblate que ejecuta
- Tallies of some objects in your Weblate database (projects, components, languages, source strings and users)
- La clave pública de SSH de su instalación

No se envía ningún otro dato.

2.24.3 Integration services

- See if your support package is still valid
- *Weblate provisioned backup storage*

Consejo: Purchased support packages are already activated upon purchase, and can be used without integrating them.

2.25 Legal documents

Nota: Herein you will find various legal information you might need to operate Weblate in certain legal jurisdictions. It is provided as a means of guidance, without any warranty of accuracy or correctness. It is ultimately your responsibility to ensure that your use of Weblate complies with all applicable laws and regulations.

2.25.1 ITAR and other export controls

Weblate can be run within your own datacenter or virtual private cloud. As such, it can be used to store ITAR or other export-controlled information, however, end users are responsible for ensuring such compliance.

The Hosted Weblate service has not been audited for compliance with ITAR or other export controls, and does not currently offer the ability to restrict translations access by country.

2.25.2 US encryption controls

Weblate does not contain any cryptographic code, but might be subject export controls as it uses third party components utilizing cryptography for authentication, data-integrity and -confidentiality.

Most likely Weblate would be classified as ECCN 5D002 or 5D992 and, as publicly available libre software, it should not be subject to EAR (see Encryption items NOT Subject to the EAR).

Software components used by Weblate (listing only components related to cryptographic function):

Python See https://wiki.python.org/moin/PythonSoftwareFoundationLicenseFaq#Is_Python_subject_to_export_laws.3F

GnuPG Optionally used by Weblate

Git Optionally used by Weblate

curl Used by Git

OpenSSL Used by Python and cURL

The strength of encryption keys depends on the configuration of Weblate and the third party components it interacts with, but in any decent setup it will include all export restricted cryptographic functions:

- In excess of 56 bits for a symmetric algorithm
- Factorisation of integers in excess of 512 bits for an asymmetric algorithm
- Computation of discrete logarithms in a multiplicative group of a finite field of size greater than 512 bits for an asymmetric algorithm
- Discrete logarithms in a group different than above in excess of 112 bits for an asymmetric algorithm

Weblate doesn't have any cryptographic activation feature, but it can be configured in a way where no cryptography code would be involved. The cryptographic features include:

- Accessing remote servers using secure protocols (HTTPS)
- Generating signatures for code commits (PGP)

Ver también:

Export Controls (EAR) on Open Source Software

CAPÍTULO 3

Documentación para contribuidores

3.1 Contribuir con Weblate

There are dozens of ways to contribute in Weblate. Any help is welcomed, be it coding, graphics design, documentation or sponsorship:

- *Informar de problemas en Weblate*
- *Empezar a contribuir con código a Weblate*
- *Traducir Weblate*
- *Funding Weblate development*

3.1.1 Traducir Weblate

Weblate is being translated using Weblate itself, feel free to take part in the effort of making Weblate available in as many human languages as possible.

3.1.2 Funding Weblate development

You can fund further Weblate development on the donate page. Funds collected there are used to fund gratis hosting for libre software projects, and further development of Weblate. Please check the *donate page* for details, such as funding goals and rewards you can get for being a funder.

Backers who have funded Weblate

List of Weblate supporters:

- Yashiro Ccs
- Cheng-Chia Tseng
- Timon Reinhard
- Cassidy James
- Loic Dachary

- Marozed
- https://freedombox.org/es/
- GNU Solidario (GNU Health)

Do you want to be in the list? Please see options on the Donate to Weblate.

3.2 Empezar a contribuir con código a Weblate

To understand Weblate source code, please first look into *Código fuente de Weblate*, *Weblate frontend* and *Weblate por dentro*.

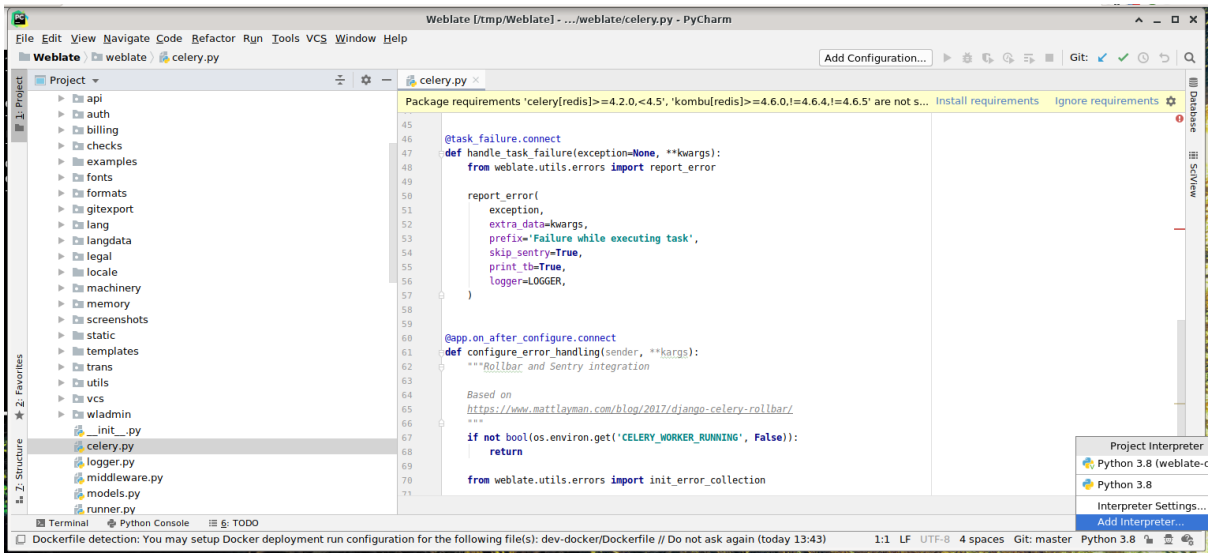
3.2.1 Primeros pasos en el código

If looking for some bugs to familiarize yourself with the Weblate codebase, look for ones labelled good first issue.

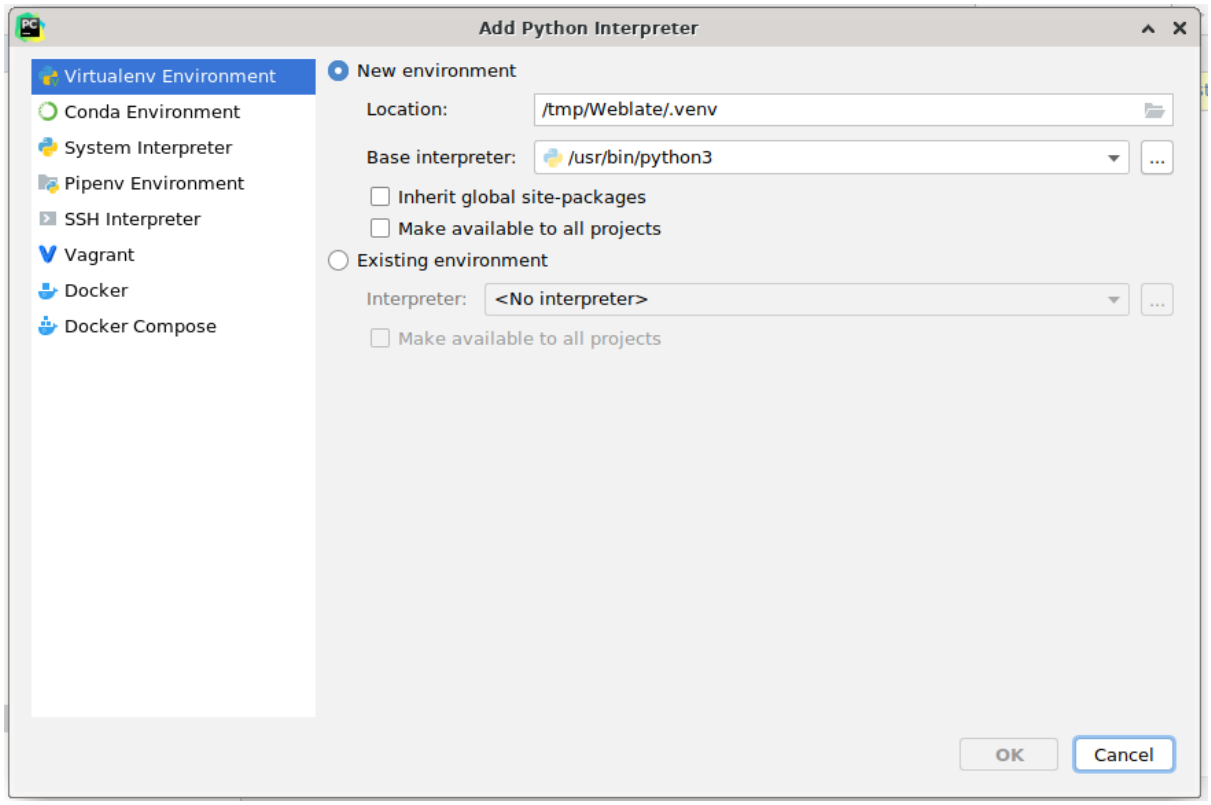
3.2.2 Trabajar en Weblate con PyCharm

PyCharm es un conocido EID para Python. A continuación le ofrecemos algunas recomendaciones para configurar Weblate en este programa.

Considering you have just cloned the Github repository, just open the folder in which you cloned it in PyCharm. Once the IDE is open, the first step is to specify the interpreter you want:

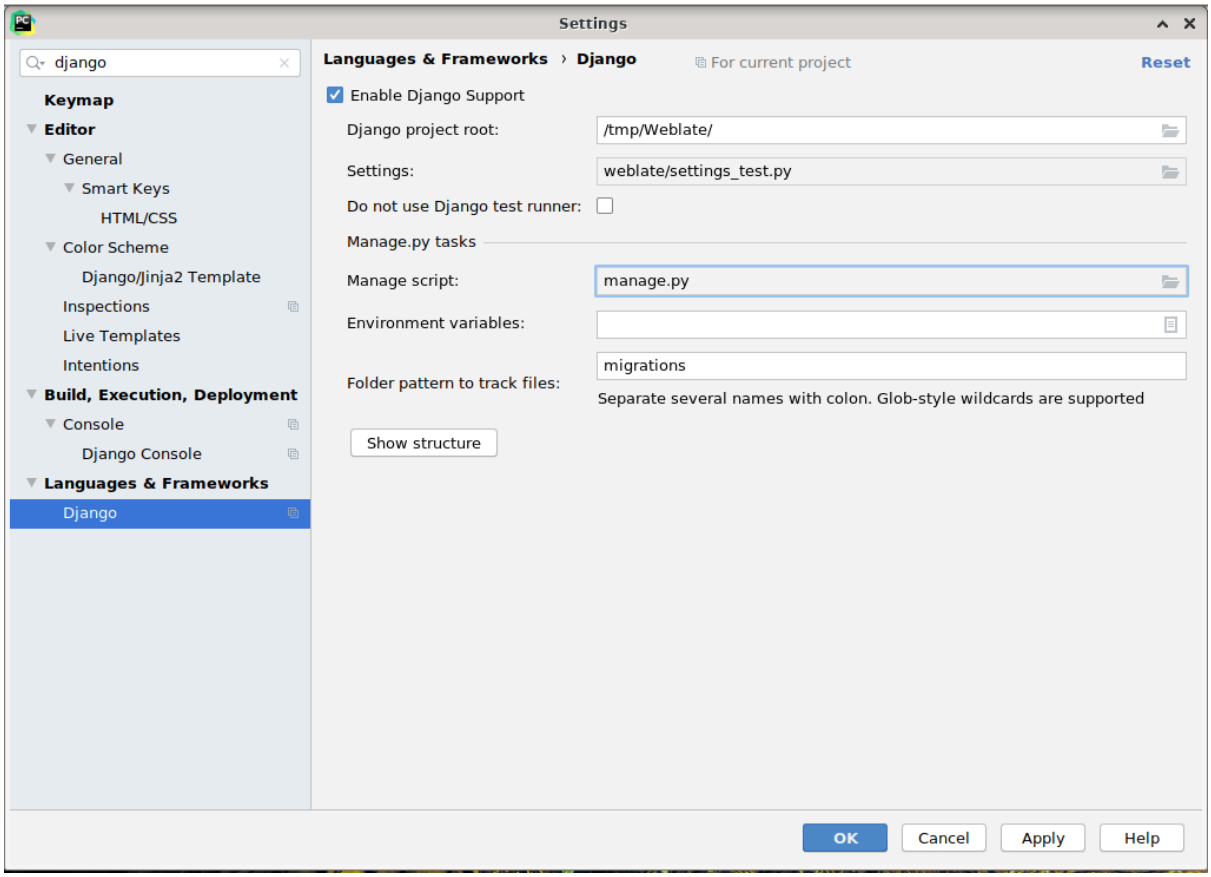


You can either choose to let PyCharm create the virtualenv for you, or select an already existing one:



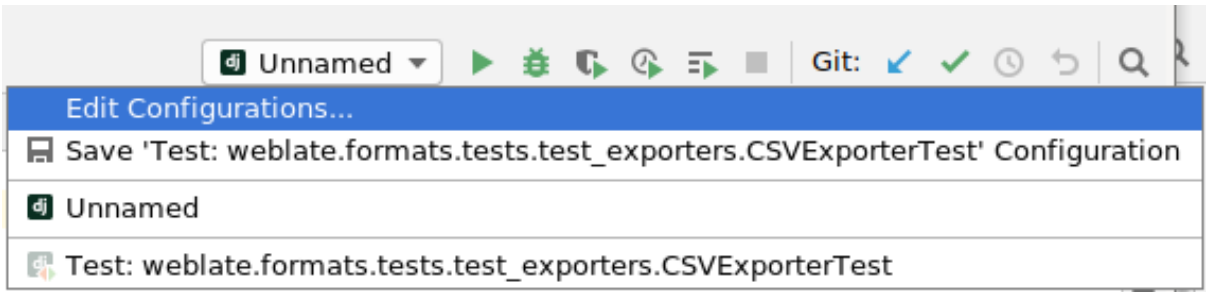
Don't forget to install the dependencies once the interpreter is set: you can do it, either through the console (the console from the IDE will directly use your virtualenv by default), or through the interface when you get a warning about missing dependencies.

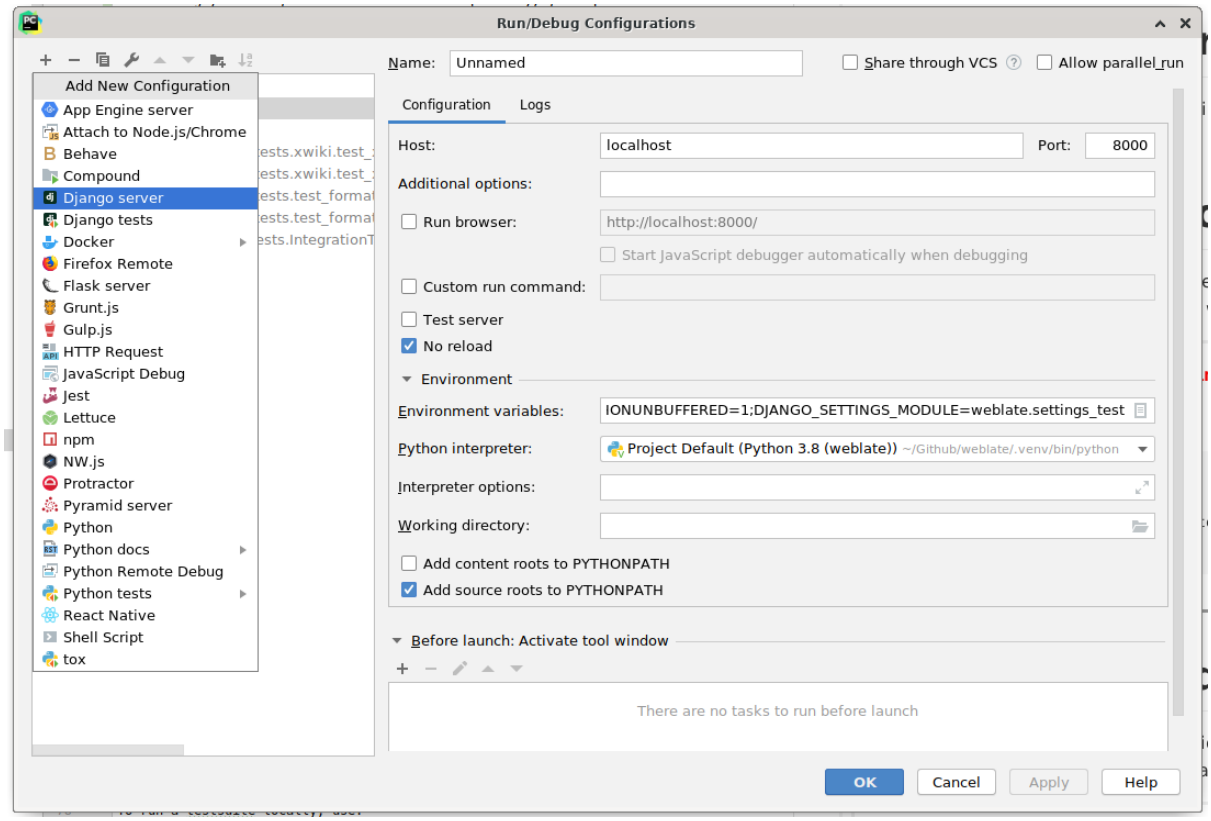
The second step is to set the right information to use natively Django inside PyCharm: the idea is to be able to immediately trigger the unit tests in the IDE. For that you need to specify the root path of Django and the path of one setting:



Be careful, the *Django project root* is the root of the repository, not the weblate sub-directory. About the settings, I personally use the *settings_test* from the repository, but you could create your own setting and set it there.

Last step is to be able to run the server and to put breakpoints on the code to be able to debug it. This is done by creating a new *Django Server* configuration:





Be careful to properly checked «No reload»: you won't get anymore the server live reload if you modify some files, but the debugger will be stopped on the breakpoint you set.

3.2.3 Running Weblate locally

The most comfortable approach to get started with Weblate development is to follow *Instalar desde el código fuente*. It will get you a virtual env with editable Weblate sources.

To install all dependencies useful for development, do:

```
pip install -r requirements-dev.txt
```

To start a development server run:

```
weblate runserver
```

Depending on your configuration you might also want to start Celery workers:

```
./weblate/examples/celery start
```

Running Weblate locally in Docker

If you have Docker and docker-compose installed, you can spin up the development environment simply by running:

```
./rundev.sh
```

It will create development Docker image and start it. Weblate is running on <http://127.0.0.1:8080/> and you can sign in with `admin` user and `admin` password. The new installation is empty, so you might want to continue with *Añadir proyectos y componentes de traducción*.

The `Dockerfile` and `docker-compose.yml` for this are located in `dev-docker` directory.

The script also accepts some parameters, to execute tests run it with `test` parameter and then specify any `test` parameters, for example:

```
./rundev.sh test --failfast weblate.trans
```

Be careful that your Docker containers are up and running before running the tests. You can check that by running the `docker ps` command.

To stop the background containers run:

```
./rundev.sh stop
```

Running the script without args will recreate Docker container and restart it.

Nota: This is not suitable setup for production, it includes several hacks which are insecure, but make development easier.

3.2.4 Bootstraping your devel instance

You might want to use *`import_demo`* to create demo translations and *`createadmin`* to create admin user.

3.3 Código fuente de Weblate

Weblate is developed on GitHub. You are welcome to fork the code and open pull requests. Patches in any other form are welcome too.

Ver también:

Check out *Weblate por dentro* to see how Weblate looks from inside.

3.3.1 Security by Design Principles

Any code for Weblate should be written with Security by Design Principles in mind.

3.3.2 Coding standard

The code should follow PEP-8 coding guidelines and should be formatted using **`black`** code formatter.

To check the code quality, you can use **`flake8`**, the recommended plugins are listed in `.pre-commit-config.yaml` and its configuration is placed in `setup.cfg`.

The easiest approach to enforce all this is to install pre-commit. Weblate repository contains configuration for it to verify the committed files are sane. After installing it (it is already included in the `requirements-lint.txt`) turn it on by running `pre-commit install` in Weblate checkout. This way all your changes will be automatically checked.

You can also trigger check manually, to check all files run:

```
pre-commit run --all
```

3.4 Depurar Weblate

Bugs can behave as application crashes or as misbehavior. You are welcome to collect info on any such issue and submit it to the issue tracker.

3.4.1 Modo de depuración

Turning on debug mode will make the exceptions show in the browser. This is useful to debug issues in the web interface, but not suitable for production environment as it has performance consequences and might leak private data.

Ver también:

Desactivar el modo de depuración

3.4.2 Registros de Weblate

Weblate can produce detailed logs of what is going in the background. In the default configuration it uses syslog and that makes the log appear either in `/var/log/messages` or `/var/log/syslog` (depending on your syslog daemon configuration).

Docker containers log to their output (as usual in the Docker world), so you can look at the logs using `docker-compose logs`.

Ver también:

Configuración de muestra contains `LOGGING` configuration.

3.4.3 Analyzing application crashes

In case the application crashes, it is useful to collect as much info about the crash as possible. The easiest way to achieve this is by using third-party services which can collect such info automatically. You can find info on how to set this up in *Collecting error reports*.

3.4.4 Silent failures

Lots of tasks are offloaded to Celery for background processing. Failures are not shown in the user interface, but appear in the Celery logs. Configuring *Collecting error reports* helps you to notice such failures easier.

3.4.5 Problemas de rendimiento

In case Weblate performs badly in some situation, please collect the relevant logs showing the issue, and anything that might help figuring out where the code might be improved.

In case some requests take too long without any indication, you might want to install *dogslow <https://pypi.org/project/dogslow/>* along with *Collecting error reports* and get pinpointed and detailed tracebacks in the error collection tool.

3.5 Weblate por dentro

Nota: This chapter will give you basic overview of Weblate internals.

Weblate derives most of its code structure from, and is based on Django.

3.5.1 Estructura de directorios

Quick overview of directory structure of Weblate main repository:

docs Source code for this documentation, built using Sphinx.

dev-docker Docker code to run development server, see *Running Weblate locally in Docker*.

weblate Source code of Weblate as a Django application, see *Weblate por dentro*.

weblate/static Client files (CSS, Javascript and images), see *Weblate frontend*.

3.5.2 Módulos

Weblate se compone de varias aplicaciones de Django (algunas son opcionales; vea *Módulos opcionales de Weblate*):

`accounts`

Cuenta de usuario, perfiles y notificaciones.

`addons`

Addons to tweak Weblate behavior, see *Complementos*.

`api`

API based on Django REST framework.

`auth`

Authentication and permissions.

`billing`

The optional *Facturación* module.

`checks`

Translation string *Comprobaciones de calidad* module.

`fonts`

Font rendering checks module.

`formats`

File format abstraction layer based on translate-toolkit.

`gitexport`

The optional *Git exporter* module.

`lang`

Módulo que define los idiomas y los modelos de pluralización.

`legal`

El módulo facultativo *Información legal*.

`machinery`

Integración de servicios de traducción automática.

`memory`

Built in translation memory, see *Memoria de traducción*.

`screenshots`

Gestión de capturas de pantalla y módulo de OCR.

`trans`

Módulo principal que manipula las traducciones.

`utils`

Diversas utilidades auxiliares.

`vcs`

Abstracción del sistema de control de versiones.

`wladmin`

Personalización de la interfaz administrativa de Django.

3.6 Weblate frontend

The frontend is currently built using Bootstrap, jQuery and few third party libraries.

3.6.1 Gestión de dependencias

The yarn package manager is used to update third party libraries. The configuration lives in `scripts/yarn` and there is a wrapper script `scripts/yarn-update` to upgrade the libraries, build them and copy to correct locations in `weblate/static/vendor`, where all third partly frontend code is located.

3.6.2 Coding style

Weblate relies on Prettier for the code formatting for both JavaScript and CSS files.

We also use ESLint to check the JavaScript code.

3.6.3 Regionalización

Should you need any user visible text in the frontend code, it should be localizable. In most cases all you need is to wrap your text inside `gettext` function, but there are more complex features available:

```
document.write(gettext('this is to be translated'));

var object_count = 1 // or 0, or 2, or 3, ...
s = ngettext('literal for the singular case',
        'literal for the plural case', object_count);

fmts = ngettext('There is %s object. Remaining: %s',
        'There are %s objects. Remaining: %s', 11);
s = interpolate(fmts, [11, 20]);
// s is 'There are 11 objects. Remaining: 20'
```

Ver también:

Translation topic in the Django documentation

3.6.4 Iconos

Weblate currently uses material design icons, in case you are looking for new one, check <https://materialdesignicons.com/>.

Additionally, there is `scripts/optimize-svg` to reduce size of the SVG as most of the icons are embedded inside the HTML to allow styling of the paths.

3.7 Informar de problemas en Weblate

Our issue tracker is hosted at GitHub:

Feel welcome to report any issues with, or suggest improvement of Weblate there. If what you have found is a security issue in Weblate, please consult the «Security issues» section below.

3.7.1 Problemas de seguridad

In order to give the community time to respond and upgrade you are strongly urged to report all security issues privately. HackerOne is used to handle security issues, and can be reported directly at HackerOne.

Alternatively, report to security@weblate.org, which ends up on HackerOne as well.

If you don't want to use HackerOne, for whatever reason, you can send the report by e-mail to michal@cihar.com. You can choose to encrypt it using this PGP key *3CB 1DF1 EF12 CF2A C0EE 5A32 9C27 B313 42B7 511D*. You can also get the PGP key from Keybase.

Nota: Weblate depends on third party components for many things. In case you find a vulnerability affecting one of those components in general, please report it directly to the respective project.

Some of these are:

- Django
- Django REST framework
- Python Social Auth

3.8 Weblate testsuite and continuous integration

Testsuites exist for most of the current code, increase coverage by adding testcases for any new functionality, and verify that it works.

3.8.1 Continuous integration

Current test results can be found on GitHub Actions and coverage is reported on Codecov.

There are several jobs to verify different aspects:

- Pruebas unitarias
- Documentation build and external links
- Migration testing from all supported releases
- Code linting
- Setup verification (ensures that generated dist files do not miss anything and can be tested)

The configuration for the CI is in `.github/workflows` directory. It heavily uses helper scripts stored in `ci` directory. The scripts can be also executed manually, but they require several environment variables, mostly defining Django settings file to use and database connection. The example definition of that is in `scripts/test-database`:

```
# Simple way to configure test database from environment

# Database backend to use postgresql / mysql / mariadb
export CI_DATABASE=${1:-postgresql}

# Database server configuration
export CI_DB_USER=weblate
export CI_DB_PASSWORD=weblate
export CI_DB_HOST=127.0.0.1

# Django settings module to use
export DJANGO_SETTINGS_MODULE=weblate.settings_test
```

The simple execution can look like:

```
. scripts/test-database
./ci/run-migrate
./ci/run-test
./ci/run-docs
./ci/run-setup
```

3.8.2 Puesta a prueba local

To run a testsuite locally, use:

```
DJANGO_SETTINGS_MODULE=weblate.settings_test ./manage.py test
```

Consejo: You will need a database (PostgreSQL) server to be used for tests. By default Django creates separate database to run tests with `test_` prefix, so in case your settings is configured to use `weblate`, the tests will use `test_weblate` database. See *Configuración de base de datos para Weblate* for setup instructions.

The `weblate/settings_test.py` is used in CI environment as well (see *Continuous integration*) and can be tuned using environment variables:

```
# Simple way to configure test database from environment

# Database backend to use postgresql / mysql / mariadb
export CI_DATABASE=${1:-postgresql}

# Database server configuration
export CI_DB_USER=weblate
export CI_DB_PASSWORD=weblate
export CI_DB_HOST=127.0.0.1

# Django settings module to use
export DJANGO_SETTINGS_MODULE=weblate.settings_test
```

Prior to running tests you should collect static files as some tests rely on them being present:

```
DJANGO_SETTINGS_MODULE=weblate.settings_test ./manage.py collectstatic
```

You can also specify individual tests to run:

```
DJANGO_SETTINGS_MODULE=weblate.settings_test ./manage.py test weblate.gitexport
```

Consejo: The tests can also be executed inside developer docker container, see *Running Weblate locally in Docker*.

Ver también:

See Testing in Django for more info on running and writing tests for Django.

3.9 Data schemas

Weblate uses JSON Schema to define layout of external JSON files.

3.9.1 Weblate Translation Memory Schema

https://weblate.org/schemas/weblate-memory.schema.json			
type	*array*		
items	*The Translation Memory Item*		
	type	*object*	
	properties		
	• **category**	*The String Category*	
		1 is global, 2 is shared, 10000000+ are project specific, 20000000+ are user specific	
		type	*integer*
		examples	1
		minimum	0
		default	1
	• **origin**	*The String Origin*	
		Filename or component name	
		type	*string*
		examples	test
		pattern	^(.*)$
		default	
	• **source**	*The Source String*	
		type	*string*
		examples	Hello
		pattern	^(.+)$
		default	
	• **source_language**	*The Source Language*	
		ISO 639-1 / ISO 639-2 / IETF BCP 47	
		type	*string*
		examples	en
		pattern	^([^]+)$
		default	
	• **target**	*The Target String*	
		type	*string*
		examples	Ahoj
		pattern	^(.+)$
		default	
	• **target_language**	*The Target Language*	
		ISO 639-1 / ISO 639-2 / IETF BCP 47	
		type	*string*
		examples	cs

continué en la próxima página

Tabla 1 – proviene de la página anterior

		pattern	^([^]+)$
		default	
	additionalProperties	False	
definitions			

Ver también:

Memoria de traducción, `dump_memory`, `import_memory`

3.9.2 Weblate user data export

https://weblate.org/schemas/weblate-userdata.schema.json			
type	*object*		
properties			
• **basic**	*Basic*		
	type	*object*	
	properties		
	• **username**	*Username*	
		type	*string*
		examples	administrador
		pattern	^.*$
		default	
	• **full_name**	*Full name*	
		type	*string*
		examples	Weblate Admin
		pattern	^.*$
		default	
	• **email**	*E-mail*	
		type	*string*
		examples	noreply@example.com
		pattern	^.*$
		default	
	• **date_joined**	*Date joined*	
		type	*string*
		examples	2019-11-18T18:53:54.862Z
		pattern	^.*$
		default	
• **profile**	*Profile*		
	type	*object*	
	properties		
	• **language**	*Language*	
		type	*string*
		examples	cs
		pattern	^.*$
		default	
	• **suggested**	*Number of suggested strings*	
		type	*integer*
		examples	1
		default	0
	• **translated**	*Number of translated strings*	
		type	*integer*
		examples	24
		default	0
	• **uploaded**	*Number of uploaded screenshots*	
		type	*integer*

continué en la próxima página

Tabla 2 – proviene de la página anterior

		examples	1	
		default	0	
	• **hide_completed**	*Hide completed translations on the dashboard*		
		type	*boolean*	
		examples	False	
		default	True	
	• **secondary_in_zen**	*Show secondary translations in the Zen mode*		
		type	*boolean*	
		examples	True	
		default	True	
	• **hide_source_secondary**	*Hide source if a secondary translation exists*		
		type	*boolean*	
		examples	False	
		default	True	
	• **editor_link**	*Editor link*		
		type	*string*	
		examples		
		pattern	^.*$	
		default		
	• **translate_mode**	*Translation editor mode*		
		type	*integer*	
		examples	0	
		default	0	
	• **zen_mode**	*Zen editor mode*		
		type	*integer*	
		examples	0	
		default	0	
	• **special_chars**	*Special characters*		
		type	*string*	
		examples		
		pattern	^.*$	
		default		
	• **dashboard_view**	*Default dashboard view*		
		type	*integer*	
		examples	1	
		default	0	
	• **dashboard_component_list**	*Default component list*		
		default	Ninguno	
		anyOf	type	*null*
			type	*integer*
	• **languages**	*Translated languages*		
		type	*array*	
		default		
		items	*Language code*	
			type	*string*
			examples	cs
			pattern	^.*$
			default	
	• **secondary_languages**	*Secondary languages*		
		type	*array*	
		default		
		items	*Language code*	
			type	*string*
			examples	sk
			pattern	^.*$
			default	

continué en la próxima página

Tabla 2 – proviene de la página anterior

	• **monitorizado**	*Proyectos monitorizados*		
		type	*array*	
		default		
		items	*«Slug» del proyecto*	
			type	*string*
			examples	weblate
			pattern	^.*$
			default	
• **Registro de auditoría**	*Registro de auditoría*			
	type	*array*		
	default			
	items	*Elementos*		
		type	*object*	
		properties		
		• **Dirección**	*Dirección IP*	
			type	*string*
			examples	127.0.0.1
			pattern	^.*$
			default	
		• **Agente_ de usuario**	*Agente de usuario*	
			type	*string*
			examples	PC / Linux / Firefox 70.0
			pattern	^.*$
			default	
		• **cronomarcador**	*Cronomarcador*	
			type	*string*
			examples	2019-11-18T18:58:30.845Z
			pattern	^.*$
			default	
		• **actividad**	*Actividad*	
			type	*string*
			examples	acceso
			pattern	^.*$
			default	
definitions				

Ver también:

Perfil de usuario, `dumpuserdata`

3.10 Releasing Weblate

Things to check prior to release:

1. Check newly translated languages by **`./scripts/list-translated-languages`**.
2. Set final version by **`./scripts/prepare-release`**.
3. Make sure screenshots are up to date **`make -C docs update-screenshots`**

Perform the release:

4. Create a release **`./scripts/create-release --tag`** (see below for requirements)

Post release manual steps:

5. Update Docker image.

6. Close GitHub milestone.
7. Once the Docker image is tested, add a tag and push it.
8. Update Helm chart to new version.
9. Include new version in `.github/workflows/migrations.yml` to cover it in migration testing.
10. Increase version in the repository by **`./scripts/set-version`**.

To create tags using the **`./scripts/create-release`** script you will need following:

- GnuPG with private key used to sign the release
- Push access to Weblate git repositories (it pushes tags)
- Configured **`hub`** tool and access to create releases on the Weblate repo
- SSH access to Weblate download server (the Website downloads are copied there)

3.11 Acerca de Weblate

3.11.1 Objetivos del proyecto

Web-based continuous localization tool with tight *Integración de control de versiones* supporting a wide range of *Formatos de archivo admitidos*, making it easy for translators to contribute.

3.11.2 Nombre del proyecto

«Weblate» is a portmanteau of the words «web» and «translate».

3.11.3 Sitio web del proyecto

The landing page is <https://weblate.org/> and a cloud hosted service at <https://hosted.weblate.org/>. This documentation can be found on <https://docs.weblate.org/>.

3.11.4 Project logos

The project logos and other graphics is available in <https://github.com/WeblateOrg/graphics/> repository.

3.11.5 Leadership

This project is maintained by Michal Čihař <michal@cihar.com>.

3.11.6 Autores

Weblate was started by Michal Čihař <michal@cihar.com>. Since its inception in 2012, thousands of people have contributed.

3.12 Licencia

CAPÍTULO 4

Historial de cambios

4.1 Weblate 4.3.2

Released on November 4th 2020.

- Fixed crash on certain component filemasks.
- Improved accurancy of the consecutive duplicated words check.
- Added support for Pagure pull requests.
- Se mejoraron los mensajes de error al producirse errores en el alta.
- Se revirtió la representación de los comentarios de los programadores como Markdown.
- Se simplificó la puesta en marcha de los repositorios Git con ramas predeterminadas distintas de «master».
- Los repositorios internos de nueva creación ahora utilizan «main» como rama predeterminada.
- Reduced false positives rate of unchanged translation while translating reStructuredText.
- Fixed CodeMirror display issues in some situations.
- Renamed Template group to Sources to clarify its meaning.
- Fixed GitLab pull requests on repos with longer path.

4.2 Weblate 4.3.1

Publicada el 21 de octubre de 2020.

- Se mejoró el desempeño de la traducción automática.
- Se arregló la caducidad de la sesión para usuarios autenticados.
- Add support for hiding version information.
- Improve hooks compatibility with Bitbucket Server.
- Improved translation memory updates performance.
- Reduced memory usage.
- Improved performance of matrix view.

- Added confirmation before removing user from a project.

4.3 Weblate 4.3

Released on October 15th 2020.

- La API incluye las estadísticas de cada usuario.
- Se perfeccionó la ordenación de componentes en páginas paginadas.
- Puede definirse el idioma de origen de cada glosario.
- Se reescribió la funcionalidad de creación de solicitudes de incorporación de GitHub y GitLab.
- Se corrigieron los recuentos estadísticos tras eliminar sugerencias.
- Se amplió el perfil público de usuario.
- Se corrigió la configuración de las comprobaciones obligatorias.
- Se mejoró la documentación sobre las copias de respaldo incorporadas.
- Moved source language attribute from project to a component.
- Añade la comprobación «Formato de Vue I18n».
- La comprobación de sustitutorios genéricos ahora admite expresiones regulares.
- Se mejoró el aspecto de la vista matricial.
- «Automatización» ahora se llama «Sugerencias automáticas».
- Added support for interacting with multiple GitLab or GitHub instances.
- Extended API to cover project updates, unit updates and removals and glossaries.
- Unit API now properly handles plural strings.
- Component creation can now handle ZIP file or document upload.
- Consolidated API response status codes.
- Support markdown in contributor agreement.
- Seguimiento de cadenas de origen mejorado.
- Improved JSON, YAML and CSV formats compatibility.
- Added support for removing strings.
- Improved performance of file downloads.
- Improved repository management view.
- Automatically enable java-format for Android.
- Added support for localized screenshots.
- Added support for Python 3.9.
- Fixed translating HTML files under certain conditions.

4.4 Weblate 4.2.2

Publicada el 2 de septiembre de 2020.

- Fixed matching of source strings for JSON formats.
- Se arregló la redirección al acceder a la cuenta en determinadas configuraciones de autenticación.
- Se corrigió la autenticación LDAP con sincronización de grupo.
- Se solventó un cierre inesperado al informar del progreso automático de la traducción.
- Se arregló la concentración de consignas de Git con renglones finales activados.
- Se reparó la creación de componentes de sistema de control de versiones mediante la API.

4.5 Weblate 4.2.1

Publicada el 21 de agosto de 2020.

- Se corrigió el guardado de plurales en recursos de Android en algunas configuraciones regionales.
- Fixed crash in the cleanup addon for some XLIFF files.
- Se permite configurar la CDN en la imagen de Docker.

4.6 Weblate 4.2

Publicada el 18 de agosto de 2020.

- Páginas de usuario mejoradas y adición de listados de usuarios.
- Se eliminó la posibilidad de migrar desde las versiones 3.x; puede migrar a través de la 4.1 o la 4.0.
- Se añadieron exportaciones a varios formatos monolingües.
- Se remozaron los gráficos de actividad.
- Es posible configurar el número de cadenas cercanas mostradas.
- Added support for locking components experiencing repository errors.
- Se simplificó la navegación principal (se sustituyeron los botones por iconos).
- Improved language code handling in Google Translate integration.
- El complemento de concentración de Git puede generar renglones finales `Co-authored-by:`.
- Improved query search parser.
- Improved user feedback from format strings checks.
- Improved performance of bulk state changes.
- Added compatibility redirects after project or component renaming.
- Added notifications for strings approval, component locking and license change.
- Se añadió compatibilidad con ModernMT.
- Allow to avoid overwriting approved translations on file upload.
- Dropped support for some compatibility URL redirects.
- Se añadió una comprobación para los literales de plantillas ECMAScript.
- Se añadió la posibilidad de monitorizar componentes.

- Removed leading dot from JSON unit keys.
- Se eliminó la cola de Celery dedicada a la memoria de traducción.
- Se permite traducir todos los componentes en un idioma a la vez.
- Se permite configurar cabeceras `Content-Security-Policy` de HTTP.
- Added support for aliasing languages at project level.
- New addon to help with HTML or JavaScript localization, see *CDN de regionalización de JavaScript*.
- El dominio de Weblate se establece ahora en la configuración; vea `SITE_DOMAIN`.
- Se permite buscar por componente y proyecto.

4.7 Weblate 4.1.1

Publicada el 19 de junio de 2020.

- Fixed changing autofix or addons configuration in Docker.
- Fixed possible crash in «About» page.
- Improved installation of byte-compiled locale files.
- Se arregló la adición de palabras al glosario.
- Se corrigieron los atajos de teclado de la automatización.
- Se quitó la salida de depuración que causaba que se descartasen sucesos del registro en algunas configuraciones.
- Fixed lock indication on project listing.
- Fixed listing GPG keys in some setups.
- Added option for which DeepL API version to use.
- Added support for acting as SAML Service Provider, see *Autenticación por SAML*.

4.8 Weblate 4.1

Publicada el 15 de junio de 2020.

- Pueden crearse traducciones nuevas con código de país.
- Es posible buscar cadenas de origen con captura de pantalla.
- Información ampliada disponible en el seguimiento de estadísticas.
- Se mejoró la edición de la búsqueda en las páginas «Traducir».
- Improve handling of concurrent repository updates.
- Se incluye el idioma de origen en el formulario de creación de proyecto.
- Se incluye el recuento de cambios en los créditos.
- Se arregló la selección del idioma de interfaz en casos puntuales.
- Allow to whitelist registration methods with registrations closed.
- Se mejoró la búsqueda de términos relacionados en el glosario.
- Improved translation memory matches.
- Se agrupan los resultados idénticos en la automatización.
- Se añadió un enlace directo para editar capturas de pantalla desde la página de traducción.

- Se mejoró el cuadro de diálogo de confirmación ante eliminaciones.
- Se incluyen las plantillas en las descargas ZIP.
- Se permite la utilización de Markdown y la configuración de notificaciones en los anuncios.
- Detalles ampliados en los listados de comprobaciones.
- Se añadió compatibilidad con formatos de archivo nuevos: *Cadenas PHP de Laravel*, *Archivos HTML*, *Formato OpenDocument*, *Formato IDML*, *Archivos RC de Windows*, *Traducciones en INI*, *Traducciones de INI de Inno Setup*, *GWT properties*, *Archivos JSON de go-i18n*, *Archivo ARB*.
- Consistently use dismissed as state of dismissed checks.
- Add support for configuring default addons to enable.
- Se reparó el atajo de teclado en el editor para pasar por alto las comprobaciones.
- Improved machine translation of strings with placeholders.
- Show ghost translation for user languages to ease starting them.
- Se mejoró el procesamiento de los códigos de idioma.
- Se muestran en primer lugar las traducciones en los idiomas del usuario.
- Se cambió el nombre de las «formas» a «variantes», una denominación más general.
- Se añadieron comprobaciones de calidad nuevas: *Varias variables sin nombre*, *Largamente no traducida* y *Palabras consecutivas duplicadas*.
- Se reintrodujo la posibilidad de vaciar la memoria de traducción.
- Se reparó la opción para ignorar las comprobaciones en las cadenas de origen.
- Se añadió compatibilidad para configurar una rama diferente a la que enviar cambios.
- La API ahora informa del estado de limitación de velocidad en las cabeceras HTTP.
- Se incorporó la versión 3 (avanzada) de la API de Google Translate.
- Se añadió la capacidad de restringir el acceso a nivel de componente.
- Added support for whitespace and other special chars in translation flags, see *Personalizar el comportamiento*.
- Always show rendered text check if enabled.
- La API ahora admite filtrar los cambios.
- Se agregó la posibilidad de compartir glosarios entre proyectos.

4.9 Weblate 4.0.4

Publicada el 7 de mayo de 2020.

- Se arregló la ejecución del conjunto de pruebas en determinados entornos con Python 3.8.
- Typo fixes in the documentation.
- Fixed creating components using API in some cases.
- Fixed JavaScript errors breaking mobile navigation.
- Fixed crash on displaying some checks.
- Fixed screenshots listing.
- Fixed monthly digest notifications.
- Fixed intermediate translation behavior with units non existing in translation.

4.10 Weblate 4.0.3

Publicada el 2 de mayo de 2020.

- Fixed possible crash in reports.
- Las menciones a usuarios en los comentarios ya no distinguen entre mayúsculas y minúsculas.
- Fixed PostgreSQL migration for non superusers.
- Fixed changing the repository URL while creating component.
- Se arregló un cierre inesperado cuando el repositorio de origen ascendente desaparece.

4.11 Weblate 4.0.2

Publicada el 27 de abril de 2020.

- Improved performance of translation stats.
- Improved performance of changing labels.
- Improved bulk edit performance.
- Improved translation memory performance.
- Fixed possible crash on component deletion.
- Fixed displaying of translation changes in some corner cases.
- Improved warning about too long celery queue.
- Fixed possible false positives in the consistency check.
- Fixed deadlock when changing linked component repository.
- Included edit distance in changes listing and CSV and reports.
- Avoid false positives of punctuation spacing check for Canadian French.
- Fixed XLIFF export with placeholders.
- Fixed false positive with zero width check.
- Improved reporting of configuration errors.
- Fixed bilingual source upload.
- Automatically detect supported languages for DeepL machine translation.
- Fixed progress bar display in some corner cases.
- Fixed some checks triggering on non translated strings.

4.12 Weblate 4.0.1

Publicada el 16 de abril de 2020.

- Se arregló la instalación del paquete desde PyPI.

4.13 Weblate 4.0

Publicada el 16 de abril de 2020.

- Weblate ahora requiere Python 3.6 o una versión más reciente.
- Added management overview of component alerts.
- Added component alert for broken repository browser URLs.
- Se mejoraron las páginas de alta y acceso.
- Project access control and workflow configuration integrated to project settings.
- Added check and highlighter for i18next interpolation and nesting.
- Added check and highlighter for percent placeholders.
- Se muestran las comprobaciones fallidas de las sugerencias.
- Record source string changes in history.
- Upgraded Microsoft Translator to version 3 API.
- Reimplemented translation memory backend.
- Added support for several `is:` lookups in *Búsquedas*.
- Allow to make *Traducción no modificada* avoid internal blacklist.
- Improved comments extraction from monolingual po files.
- Se cambió el nombre de la función de mensajes en pizarra a «Anuncios».
- Fixed occasional problems with registration mails.
- Improved LINGUAS update addon to handle more syntax variants.
- Fixed editing monolingual XLIFF source file.
- Added support for exact matching in *Búsquedas*.
- Extended API to cover screenshots, users, groups, componentlists and extended creating projects.
- Add support for source upload on bilingual translations.
- Added support for intermediate language from developers.
- Added support for source strings review.
- Extended download options for platform wide translation memory.

4.14 Serie 3.x de Weblate

4.14.1 Weblate 3.11.3

Publicada el 11 de marzo de 2020.

- Se corrigió la búsqueda de campos con una determinada prioridad.
- Se corrigió la consulta predefinida para cadenas añadidas recientemente.
- Se solucionó la duplicación de resultados en la búsqueda.
- Se reparó la representación gráfica de las notificaciones en Gmail.
- Se corrigió la reversión de cambios desde el historial.
- Se añadieron enlaces a sucesos en las notificaciones de resumen.
- Se corrigió la dirección de correo en la confirmación de eliminación de cuenta.

- Se permite la autenticación con Slack en contenedores Docker.
- Se evita enviar notificaciones para idiomas a los que no se ha suscrito.
- Se incluyen las colas de Celery en la vista de conjunto del rendimiento.
- Se repararon los enlaces a la documentación de los complementos.
- Reduced false negatives for unchanged translation check.
- Se incrementó la dependencia a bleach para solucionar la vulnerabilidad CVE-2020-6802.
- Fixed listing project level changes in history.
- Fixed stats invalidation in some corner cases.
- Se solucionó la búsqueda de determinados estados de cadenas.
- Improved format string checks behavior on missing percent.
- Se reparó la autenticación a través de determinados proveedores de terceros.

4.14.2 Weblate 3.11.2

Publicada el 22 de febrero de 2020.

- Se corrigió la representación gráfica de las sugerencias.
- Se corrigió un problema por el cual algunas cadenas incorrectamente informaban que no contenían ninguna palabra.

4.14.3 Weblate 3.11.1

Publicada el 20 de febrero de 2020.

- Se documentaron modificaciones a la configuración de Celery.
- Se mejoró la validación de nombres de archivo al crear componentes.
- Se corrigieron las versiones mínimas de algunas dependencias.
- Se reparó la adición de grupos con algunas versiones de Django.
- Fixed manual pushing to upstream repository.
- Se mejoró el relacionamiento del glosario.

4.14.4 Weblate 3.11

Publicada el 17 de febrero de 2020.

- Allow using VCS push URL during component creation via API.
- Rendered width check now shows image with the render.
- Se repararon los enlaces en los mensajes de notificación por correo electrónico.
- Se mejoró el aspecto de los mensajes de correo de texto sencillo.
- Se muestran permanentemente las comprobaciones ignoradas para permitir activarlas nuevamente.
- Se muestran las claves cercanas en las traducciones monolingües.
- Se permite agrupar las formas de las cadenas.
- Se recomienda actualizar Weblate en las comprobaciones del sistema.
- Provide more detailed analysis for duplicate language alert.

- Se detalló la información sobre licencias en las páginas de proyecto.
- Automatically unshallow local copies if needed.
- Se arregló la descarga de cadenas pendientes de intervención.
- New alert to warn about using the same filemask twice.
- Improve XML placeables extraction.
- The `SINGLE_PROJECT` can now enforce redirection to chosen project.
- Se añadió una opción para marcar comentarios como resueltos.
- Added bulk editing of flags.
- Added support for *Etiquetas de cadena*.
- Added bulk edit addon.
- Added option for *Enforcing checks*.
- Se incrementó la validez predeterminada de los enlaces de confirmación.
- Se mejoró la integración con Matomo.
- Fixed *Se había traducido* to correctly handle source string change.
- Extended automatic updates configuration by `AUTO_UPDATE`.
- LINGUAS addons now do full sync of translations in Weblate.

4.14.5 Weblate 3.10.3

Publicada el 18 de abril de 2020.

- Compatibilidad con translate-toolkit 2.5.0.

4.14.6 Weblate 3.10.2

Publicada el 18 de abril de 2020.

- Se añadió un indicador de bloqueo para los proyectos.
- Se arregló un defecto en el CSS que provocaba parpadeos en determinados navegadores web.
- Se repararon las búsquedas en sistemas con configuraciones regionales distintas del inglés.
- Improved repository matching for GitHub and Bitbucket hooks.
- Se corrigió la migración de datos en algunas instalaciones con Python 2.7.
- Allow configuration of Git shallow cloning.
- Se mejoró el procesamiento en segundo plano de las notificaciones.
- Fixed broken form submission when navigating back in web browser.
- Complemento nuevo para configurar el formato de YAML.
- Fixed same plurals check to not fire on single plural form languages.
- Se arregló la búsqueda por expresiones regulares en algunos campos.

4.14.7 Weblate 3.10.1

Publicada el 9 de enero de 2020.

- Extended API with translation creation.
- Fixed several corner cases in data migrations.
- Compatibilidad con Django 3.0.
- Se mejoró el desempeño de la limpieza de datos.
- Se permite personalizar el archivo security.txt.
- Improved breadcrumbs in changelog.
- Improved translations listing on dashboard.
- Improved HTTP responses for webhooks.
- Added support for GitLab merge requests in Docker container.

4.14.8 Weblate 3.10

Publicada el 20 de diciembre de 2019.

- Se perfeccionó la interfaz de usuario de la aplicación.
- Se añadió una comprobación de espacios dobles.
- Se arregló la creación de idiomas nuevos.
- Avoid sending auditlog notifications to deleted e-mails.
- Added support for read only strings.
- Se permite el uso de Markdown en los comentarios.
- Allow placing translation instruction text in project info.
- Se añadió el botón «Copiar en el portapapeles» para los idiomas secundarios.
- Se mejoró la compatibilidad con Mercurial.
- Se mejoró el desempeño al recuperar repositorios Git.
- Se añadió una opción de búsqueda de cadenas por antigüedad.
- Se muestra el idioma de origen para todas las traducciones.
- Se muestra el contexto de las cadenas cercanas.
- Added support for notifications on repository operations.
- Improved translation listings.
- Extended search capabilities.
- Added support for automatic translation strings marked for editing.
- Avoid sending duplicate notifications for linked component alerts.
- Improve default merge request message.
- Better indicate string state in Zen mode.
- Added support for more languages in Yandex Translate.
- Se mejoró la apariencia de los mensajes de notificación por correo.
- Provide choice for translation license.

4.14.9 Weblate 3.9.1

Publicada el 28 de octubre de 2019.

- Remove some unneeded files from backups.
- Fixed potential crash in reports.
- Fixed cross database migration failure.
- Added support for force pushing Git repositories.
- Reduced risk of registration token invalidation.
- Fixed account removal hitting rate limiter.
- Added search based on priority.
- Fixed possible crash on adding strings to JSON file.
- Safe HTML check and fixup now honor source string markup.
- Avoid sending notifications to invited and deleted users.
- Fix SSL connection to redis in Celery in Docker container.

4.14.10 Weblate 3.9

Publicada el 15 de octubre de 2019.

- Se incluyen metadatos de Weblate en los archivos descargados.
- Se mejoró la IU de las comprobaciones fallidas.
- Indicate missing strings in format checks.
- Separate check for French punctuation spacing.
- Add support for fixing some of quality checks errors.
- Add separate permission to create new projects.
- Extend stats for char counts.
- Improve support for Java style language codes.
- Added new generic check for placeholders.
- Added support for WebExtension JSON placeholders.
- Added support for flat XML format.
- Extended API with project, component and translation removal and creation.
- Added support for Gitea and Gitee webhooks.
- Added new custom regex based check.
- Allow to configure contributing to shared translation memory.
- Added ZIP download for more translation files.
- Make XLIFF standard compliant parsing of maxwidth and font.
- Added new check and fixer for safe HTML markup for translating web applications.
- Add component alert on unsupported configuration.
- Added automatic translation addon to bootstrap translations.
- Extend automatic translation to add suggestions.
- Display addon parameters on overview.

- Sentry is now supported through modern Sentry SDK instead of Raven.
- Changed example settings to be better fit for production environment.
- Added automated backups using BorgBackup.
- Split cleanup addon for RESX to avoid unwanted file updates.
- Added advanced search capabilities.
- Allow users to download their own reports.
- Added localization guide to help configuring components.
- Added support for GitLab merge requests.
- Improved display of repository status.
- Perform automated translation in the background.

4.14.11 Weblate 3.8

Publicada el 15 de agosto de 2019.

- Added support for simplified creating of similar components.
- Added support for parsing translation flags from the XML based file formats.
- Log exceptions into Celery log.
- Improve performance of repository scoped addons.
- Se mejoró la apariencia de los mensajes de notificación por correo.
- Se arregló el comportamiento del restablecimiento de contraseñas.
- Se mejoró el rendimiento en la mayoría de las páginas de traducción.
- Fixed listing of languages not known to Weblate.
- Es posible clonar los complementos en los componentes detectados.
- Add support for replacing file content with uploaded.
- Add support for translating non VCS based content.
- Added OpenGraph widget image to use on social networks.
- Added support for animated screenshots.
- Improved handling of monolingual XLIFF files.
- Avoid sending multiple notifications for single event.
- Add support for filtering changes.
- Extended predefined periods for reporting.
- Added webhook support for Azure Repos.
- New opt-in notifications on pending suggestions or untranslated strings.
- Add one click unsubscribe link to notification e-mails.
- Fixed false positives with Has been translated check.
- New management interface for admins.
- String priority can now be specified using flags.
- Added language management views.
- Add checks for Qt library and Ruby format strings.
- Added configuration to better fit single project installations.

- Notify about new string on source string change on monolingual translations.
- Added separate view for translation memory with search capability.

4.14.12 Weblate 3.7.1

Publicada el 28 de junio de 2019.

- Puesta al día de la documentación.
- Fixed some requirements constraints.
- Se actualizó la base de datos de idiomas.
- Actualización de las regionalizaciones.
- Diversas modificaciones a la interfaz de usuario.
- Improved handling of unsupported but discovered translation files.
- More verbosely report missing file format requirements.

4.14.13 Weblate 3.7

Publicada el 21 de junio de 2019.

- Added separate Celery queue for notifications.
- Use consistent look with application for API browsing.
- Include approved stats in the reports.
- Report progress when updating translation component.
- Allow to abort running background component update.
- Extend template language for filename manipulations.
- Use templates for editor link and repository browser URL.
- Indicate max length and current characters count when editing translation.
- Improved handling of abbreviations in unchanged translation check.
- Refreshed landing page for new contributors.
- Add support for configuring msgmerge addon.
- Delay opening SMTP connection when sending notifications.
- Improved error logging.
- Allow custom location in MO generating addon.
- Added addons to cleanup old suggestions or comments.
- Added option to enable horizontal mode in the Zen editor.
- Improved import performance with many linked components.
- Fixed examples installation in some cases.
- Improved rendering of alerts in changes.
- Added new horizontal stats widget.
- Improved format strings check on plurals.
- Added font management tool.
- New check for rendered text dimensions.

- Added support for subtitle formats.
- Include overall completion stats for languages.
- Added reporting at project and global scope.
- Improved user interface when showing translation status.
- New Weblate logo and color scheme.
- New look of bitmap badges.

4.14.14 Weblate 3.6.1

Publicada el 26 de abril de 2019.

- Improved handling of monolingual XLIFF files.
- Fixed digest notifications in some corner cases.
- Fixed addon script error alert.
- Fixed generating MO file for monolingual PO files.
- Fixed display of uninstalled checks.
- Indicate administered projects on project listing.
- Allow update to recover from missing VCS repository.

4.14.15 Weblate 3.6

Publicada el 20 de abril de 2019.

- Add support for downloading user data.
- Addons are now automatically triggered upon installation.
- Improved instructions for resolving merge conflicts.
- Cleanup addon is now compatible with app store metadata translations.
- Configurable language code syntax when adding new translations.
- Warn about using Python 2 with planned termination of support in April 2020.
- Extract special characters from the source string for visual keyboard.
- Extended contributor stats to reflect both source and target counts.
- Admins and consistency addons can now add translations even if disabled for users.
- Fixed description of toggle disabling `Language-Team` header manipulation.
- Notify users mentioned in comments.
- Removed file format autodetection from component setup.
- Fixed generating MO file for monolingual PO files.
- Added digest notifications.
- Added support for muting component notifications.
- Se añadieron notificaciones al haber nuevas alertas, mensajes en pizarra o componentes.
- Notifications for administered projects can now be configured.
- Improved handling of three letter language codes.

4.14.16 Weblate 3.5.1

Publicada el 10 de marzo de 2019.

- Fixed Celery systemd unit example.
- Fixed notifications from HTTP repositories with login.
- Fixed race condition in editing source string for monolingual translations.
- Include output of failed addon execution in the logs.
- Improved validation of choices for adding new language.
- Se permite editar el formato de archivo en la configuración del componente.
- Se actualizaron las instrucciones de instalación para preferir Python 3.
- Mejoras de rendimiento y coherencia durante la carga de traducciones.
- El servicio de terminología de Microsoft se hizo compatible con las versiones actuales de Zeep.
- Actualización de las regionalizaciones.

4.14.17 Weblate 3.5

Publicada el 3 de marzo de 2019.

- Se mejoró el rendimiento de la memoria de traducción incorporada.
- Se añadió una interfaz para gestionar la memoria de traducción global.
- Improved alerting on bad component state.
- Se añadió una interfaz para gestionar los mensajes de pizarra.
- Ahora puede configurarse el mensaje de consigna de complemento.
- Reduce number of commits when updating upstream repository.
- Fixed possible metadata loss when moving component between projects.
- Se perfeccionó la navegación en el modo zen.
- Se sumaron varias comprobaciones de calidad nuevas (relativas a Markdown y URL).
- Se añadió compatibilidad para archivos de metadatos de tiendas de aplicaciones.
- Es posible ahora activar o desactivar las integraciones con GitHub y Gerrit.
- Se añadió una comprobación de caracteres «kashida».
- Added option to squash commits based on authors.
- Se mejoró la compatibilidad con el formato de archivo XLSX.
- Compatibilidad con Tesseract 4.0.
- Billing addon now removes projects for unpaid billings after 45 days.

4.14.18 Weblate 3.4

Publicada el 22 de enero de 2019.

- Added support for XLIFF placeholders.
- Celery ahora puede utilizar varias colas de tareas.
- Ahora es posible cambiar el nombre y mover proyectos y componentes.
- Se incluye el recuento de caracteres en los informes.
- Added guided adding of translation components with automatic detection of translation files.
- Pueden personalizarse los mensajes de consigna de fusión para Git.
- Se añadió una indicación visual de alertas de componente en la navegación.
- Se mejoró el rendimiento al cargar los archivos de traducción.
- New addon to squash commits prior to push.
- Se mejoró la visualización de los cambios a la traducción.
- Changed default merge style to rebase and made that configurable.
- Better handle private use subtags in language code.
- Improved performance of fulltext index updates.
- Extended file upload API to support more parameters.

4.14.19 Weblate 3.3

Publicada el 30 de noviembre de 2018.

- Added support for component and project removal.
- Improved performance for some monolingual translations.
- Added translation component alerts to highlight problems with a translation.
- Expose XLIFF string resname as context when available.
- Added support for XLIFF states.
- Added check for non writable files in DATA_DIR.
- Improved CSV export for changes.

4.14.20 Weblate 3.2.2

Publicada el 20 de octubre de 2018.

- Remove no longer needed Babel dependency.
- Updated language definitions.
- Improve documentation for addons, LDAP and Celery.
- Fixed enabling new dos-eol and auto-java-messageformat flags.
- Fixed running setup.py test from PyPI package.
- Improved plurals handling.
- Fixed translation upload API failure in some corner cases.
- Fixed updating Git configuration in case it was changed manually.

4.14.21 Weblate 3.2.1

Publicada el 10 de octubre de 2018.

- Document dependency on backports.csv on Python 2.7.
- Fix running tests under root.
- Improved error handling in gitexport module.
- Fixed progress reporting for newly added languages.
- Correctly report Celery worker errors to Sentry.
- Fixed creating new translations with Qt Linguist.
- Fixed occasional fulltext index update failures.
- Improved validation when creating new components.
- Added support for cleanup of old suggestions.

4.14.22 Weblate 3.2

Publicada el 6 de octubre de 2018.

- Add install_addon management command for automated addon installation.
- Allow more fine grained ratelimit settings.
- Added support for export and import of Excel files.
- Se mejoró la limpieza de componentes cuando se utilizan varios complementos de detección de componentes.
- Rewritten Microsoft Terminology machine translation backend.
- Weblate now uses Celery to offload some processing.
- Improved search capabilities and added regular expression search.
- Added support for Youdao Zhiyun API machine translation.
- Added support for Baidu API machine translation.
- Integrated maintenance and cleanup tasks using Celery.
- Improved performance of loading translations by almost 25%.
- Removed support for merging headers on upload.
- Removed support for custom commit messages.
- Configurable editing mode (zen/full).
- Added support for error reporting to Sentry.
- Added support for automated daily update of repositories.
- Added support for creating projects and components by users.
- Built in translation memory now automatically stores translations done.
- Users and projects can import their existing translation memories.
- Better management of related strings for screenshots.
- Added support for checking Java MessageFormat.

See 3.2 milestone on GitHub for detailed list of addressed issues.

4.14.23 Weblate 3.1.1

Publicada el 27 de julio de 2018.

- Fix testsuite failure on some setups.

4.14.24 Weblate 3.1

Publicada el 27 de julio de 2018.

- Upgrades from older version than 3.0.1 are not supported.
- Allow to override default commit messages from settings.
- Improve webhooks compatibility with self hosted environments.
- Added support for Amazon Translate.
- Compatibility with Django 2.1.
- Django system checks are now used to diagnose problems with installation.
- Removed support for soon shutdown libravatar service.
- New addon to mark unchanged translations as needing edit.
- Add support for jumping to specific location while translating.
- Downloaded translations can now be customized.
- Improved calculation of string similarity in translation memory matches.
- Added support by signing Git commits by GnuPG.

4.14.25 Weblate 3.0.1

Publicada el 10 de junio de 2018.

- Fixed possible migration issue from 2.20.
- Actualización de las regionalizaciones.
- Removed obsolete hook examples.
- Improved caching documentation.
- Fixed displaying of admin documentation.
- Improved handling of long language names.

4.14.26 Weblate 3.0

Publicada el 1.º de junio de 2018.

- Rewritten access control.
- Several code cleanups that lead to moved and renamed modules.
- Nuevo complemento para la detección automática de componentes.
- The import_project management command has now slightly different parameters.
- Added basic support for Windows RC files.
- New addon to store contributor names in PO file headers.
- The per component hook scripts are removed, use addons instead.
- Add support for collecting contributor agreements.

- Access control changes are now tracked in history.
- New addon to ensure all components in a project have same translations.
- Support for more variables in commit message templates.
- Add support for providing additional textual context.

4.15 Serie 2.x de Weblate

4.15.1 Weblate 2.20

Publicada el 4 de abril de 2018.

- Improved speed of cloning subversion repositories.
- Changed repository locking to use third party library.
- Added support for downloading only strings needing action.
- Se permite efectuar búsquedas en varios idiomas a la vez.
- New addon to configure gettext output wrapping.
- New addon to configure JSON formatting.
- Added support for authentication in API using RFC 6750 compatible Bearer authentication.
- Added support for automatic translation using machine translation services.
- Se admite código HTML en los mensajes de la pizarra.
- Added support for mass changing state of strings.
- Translate-toolkit at least 2.3.0 is now required, older versions are no longer supported.
- Added built in translation memory.
- Added componentlists overview to dashboard and per component list overview pages.
- Added support for DeepL machine translation service.
- Machine translation results are now cached inside Weblate.
- Se añadió la funcionalidad de reordenar los cambios consignados.

4.15.2 Weblate 2.19.1

Publicada el 20 de febrero de 2018.

- Fixed migration issue on upgrade from 2.18.
- Improved file upload API validation.

4.15.3 Weblate 2.19

Publicada el 15 de febrero de 2018.

- Fixed imports across some file formats.
- Display human friendly browser information in audit log.
- Added TMX exporter for files.
- Various performance improvements for loading translation files.
- Added option to disable access management in Weblate in favor of Django one.

- Improved glossary lookup speed for large strings.
- Compatibility with django_auth_ldap 1.3.0.
- Configuration errors are now stored and reported persistently.
- Honor ignore flags in whitespace autofixer.
- Improved compatibility with some Subversion setups.
- Improved built in machine translation service.
- Added support for SAP Translation Hub service.
- Added support for Microsoft Terminology service.
- Removed support for advertisement in notification e-mails.
- Improved translation progress reporting at language level.
- Improved support for different plural formulas.
- Added support for Subversion repositories not using stdlayout.
- Added addons to customize translation workflows.

4.15.4 Weblate 2.18

Publicada el 15 de diciembre de 2017.

- Extended contributor stats.
- Improved configuration of special characters virtual keyboard.
- Added support for DTD file format.
- Changed keyboard shortcuts to less likely collide with browser/system ones.
- Improved support for approved flag in XLIFF files.
- Added support for not wrapping long strings in gettext PO files.
- Added button to copy permalink for current translation.
- Dropped support for Django 1.10 and added support for Django 2.0.
- Removed locking of translations while translating.
- Added support for adding new strings to monolingual translations.
- Added support for translation workflows with dedicated reviewers.

4.15.5 Weblate 2.17.1

Publicada el 13 de octubre de 2017.

- Fixed running testsuite in some specific situations.
- Locales updates.

4.15.6 Weblate 2.17

Publicada el 13 de octubre de 2017.

- Weblate by default does shallow Git clones now.
- Improved performance when updating large translation files.
- Added support for blocking certain e-mails from registration.
- Users can now delete their own comments.
- Added preview step to search and replace feature.
- Client side persistence of settings in search and upload forms.
- Extended search capabilities.
- More fine grained per project ACL configuration.
- Default value of BASE_DIR has been changed.
- Added two step account removal to prevent accidental removal.
- Project access control settings is now editable.
- Added optional spam protection for suggestions using Akismet.

4.15.7 Weblate 2.16

Publicada el 11 de agosto de 2017.

- Various performance improvements.
- Added support for nested JSON format.
- Added support for WebExtension JSON format.
- Fixed git exporter authentication.
- Improved CSV import in certain situations.
- Improved look of Other translations widget.
- The max-length checks is now enforcing length of text in form.
- Make the commit_pending age configurable per component.
- Various user interface cleanups.
- Fixed component/project/site wide search for translations.

4.15.8 Weblate 2.15

Publicada el 30 de junio de 2017.

- Show more related translations in other translations.
- Add option to see translations of current string to other languages.
- Use 4 plural forms for Lithuanian by default.
- Fixed upload for monolingual files of different format.
- Improved error messages on failed authentication.
- Keep page state when removing word from glossary.
- Added direct link to edit secondary language translation.
- Added Perl format quality check.

- Added support for rejecting reused passwords.
- Extended toolbar for editing RTL languages.

4.15.9 Weblate 2.14.1

Publicada el 24 de mayo de 2017.

- Fixed possible error when paginating search results.
- Fixed migrations from older versions in some corner cases.
- Se solucionó un potencial ataque CSRF al efectuar operaciones de monitorización de proyectos.
- The password reset no longer authenticates user.
- Fixed possible CAPTCHA bypass on forgotten password.

4.15.10 Weblate 2.14

Publicada el 17 de mayo de 2017.

- Add glossary entries using AJAX.
- The logout now uses POST to avoid CSRF.
- The API key token reset now uses POST to avoid CSRF.
- Weblate sets Content-Security-Policy by default.
- The local editor URL is validated to avoid self-XSS.
- The password is now validated against common flaws by default.
- Notify users about important activity with their account such as password change.
- The CSV exports now escape potential formulas.
- Various minor improvements in security.
- The authentication attempts are now rate limited.
- Suggestion content is stored in the history.
- Store important account activity in audit log.
- Ask for password confirmation when removing account or adding new associations.
- Show time when suggestion has been made.
- There is new quality check for trailing semicolon.
- Ensure that search links can be shared.
- Included source string information and screenshots in the API.
- Allow to overwrite translations through API upload.

4.15.11 Weblate 2.13.1

Publicada el 12 de abril de 2017.

- Fixed listing of managed projects in profile.
- Fixed migration issue where some permissions were missing.
- Fixed listing of current file format in translation download.
- Return HTTP 404 when trying to access project where user lacks privileges.

4.15.12 Weblate 2.13

Publicada el 12 de abril de 2017.

- Fixed quality checks on translation templates.
- Se añadió una comprobación de calidad que se desencadena al perder traducciones.
- Se añadió una opción para ver las sugerencias pendientes de un usuario.
- Se añadió una opción para crear listas de componentes automáticamente.
- Es posible configurar el cuadro de mando que ven de manera predeterminada los usuarios no autenticados.
- Se añadió una opción para examinar 25 cadenas al azar para su revisión.
- El historial ahora incluye los cambios a las cadenas.
- Better error reporting when adding new translation.
- Added per language search within project.
- Group ACLs can now be limited to certain permissions.
- The per project ALCs are now implemented using Group ACL.
- Added more fine grained privileges control.
- Various minor UI improvements.

4.15.13 Weblate 2.12

Publicada el 3 de marzo de 2017.

- Improved admin interface for groups.
- Added support for Yandex Translate API.
- Improved speed of site wide search.
- Added project and component wide search.
- Added project and component wide search and replace.
- Improved rendering of inconsistent translations.
- Added support for opening source files in local editor.
- Added support for configuring visual keyboard with special characters.
- Improved screenshot management with OCR support for matching source strings.
- Default commit message now includes translation information and URL.
- Added support for Joomla translation format.
- Improved reliability of import across file formats.

4.15.14 Weblate 2.11

Publicada el 31 de enero de 2017.

- Include language detailed information on language page.
- Mercurial backend improvements.
- Added option to specify translation component priority.
- More consistent usage of Group ACL even with less used permissions.
- Added WL_BRANCH variable to hook scripts.
- Improved developer documentation.
- Better compatibility with various Git versions in Git exporter addon.
- Included per project and component stats.
- Added language code mapping for better support of Microsoft Translate API.
- Moved fulltext cleanup to background job to make translation removal faster.
- Fixed displaying of plural source for languages with single plural form.
- Improved error handling in import_project.
- Various performance improvements.

4.15.15 Weblate 2.10.1

Publicada el 20 de enero de 2017.

- Do not leak account existence on password reset form (CVE-2017-5537).

4.15.16 Weblate 2.10

Publicada el 15 de diciembre de 2016.

- Added quality check to check whether plurals are translated differently.
- Fixed GitHub hooks for repositories with authentication.
- Added optional Git exporter module.
- Support for Microsoft Cognitive Services Translator API.
- Simplified project and component user interface.
- Added automatic fix to remove control characters.
- Added per language overview to project.
- Added support for CSV export.
- Added CSV download for stats.
- Added matrix view for quick overview of all translations
- Added basic API for changes and strings.
- Added support for Apertium APy server for machine translations.

4.15.17 Weblate 2.9

Publicada el 4 de noviembre de 2016.

- Extended parameters for createadmin management command.
- Extended import_json to be able to handle with existing components.
- Se admiten los archivos YAML.
- Los propietarios de los proyectos ahora pueden configurar los componentes de traducción y los detalles del proyecto.
- Ahora se habla de «monitorizar» proyectos, no de «suscribirse» a estos.
- Es posible monitorizar proyectos directamente desde la página del proyecto.
- Added multi language status widget.
- Highlight secondary language if not showing source.
- Se registra la eliminación de sugerencias en el historial.
- Improved UX of languages selection in profile.
- Se arregló la visualización de los mensajes de pizarra en los componentes.
- Keep preferences tab selected after saving.
- Show source string comment more prominently.
- Automatically install Gettext PO merge driver for Git repositories.
- Added search and replace feature.
- Added support for uploading visual context (screenshots) for translations.

4.15.18 Weblate 2.8

Publicada el 31 de agosto de 2016.

- Documentation improvements.
- Translations.
- Updated bundled javascript libraries.
- Added list_translators management command.
- Django 1.8 is no longer supported.
- Fixed compatibility with Django 1.10.
- Added Subversion support.
- Separated XML validity check from XML mismatched tags.
- Fixed API to honor HIDE_REPO_CREDENTIALS settings.
- Show source change in Zen mode.
- Alt+PageUp/PageDown/Home/End now works in Zen mode as well.
- Add tooltip showing exact time of changes.
- Add option to select filters and search from translation page.
- Added UI for translation removal.
- Improved behavior when inserting placeables.
- Fixed auto locking issues in Zen mode.

4.15.19 Weblate 2.7

Publicada el 10 de julio de 2016.

- Removed Google web translate machine translation.
- Improved commit message when adding translation.
- Fixed Google Translate API for Hebrew language.
- Compatibility with Mercurial 3.8.
- Added import_json management command.
- Correct ordering of listed translations.
- Show full suggestion text, not only a diff.
- Extend API (detailed repository status, statistics, …).
- Testsuite no longer requires network access to test repositories.

4.15.20 Weblate 2.6

Publicada el 28 de abril de 2016.

- Fixed validation of components with language filter.
- Improved support for XLIFF files.
- Fixed machine translation for non English sources.
- Added REST API.
- Django 1.10 compatibility.
- Se añadieron categorías a los mensajes de pizarra.

4.15.21 Weblate 2.5

Publicada el 10 de marzo de 2016.

- Fixed automatic translation for project owners.
- Improved performance of commit and push operations.
- New management command to add suggestions from command line.
- Added support for merging comments on file upload.
- Added support for some GNU extensions to C printf format.
- Documentation improvements.
- Added support for generating translator credits.
- Added support for generating contributor stats.
- Site wide search can search only in one language.
- Improve quality checks for Armenian.
- Support for starting translation components without existing translations.
- Support for adding new translations in Qt TS.
- Improved support for translating PHP files.
- Mejoras de rendimiento para las comprobaciones de calidad.
- Se arregló la búsqueda en todo el sitio de comprobaciones fallidas.

- Se añadió una opción para especificar el idioma de origen.
- Improved support for XLIFF files.
- Se amplió la lista de opciones disponibles para import_project.
- Improved targeting for whiteboard messages.
- Es posible efectuar traducciones automáticas en diversos proyectos a la vez.
- Se optimizó la indización de la búsqueda de texto completo.
- Se añadió una orden de gestión para traducciones automáticas.
- Added placeables highlighting.
- Added keyboard shortcuts for placeables, checks and machine translations.
- Improved translation locking.
- Added quality check for AngularJS interpolation.
- Added extensive group based ACLs.
- Clarified terminology on strings needing review (formerly fuzzy).
- Clarified terminology on strings needing action and not translated strings.
- Se admite Python 3.
- Ya no se admite Django 1.7.
- Dropped dependency on msginit for creating new gettext PO files.
- Added configurable dashboard views.
- Improved notifications on parse errors.
- Added option to import components with duplicate name to import_project.
- Improved support for translating PHP files
- Added XLIFF export for dictionary.
- Added XLIFF and gettext PO export for all translations.
- Documentation improvements.
- Added support for configurable automatic group assignments.
- Improved adding of new translations.

4.15.22 Weblate 2.4

Publicada el 20 de septiembre de 2015.

- Improved support for PHP files.
- Ability to add ACL to anonymous user.
- Improved configurability of import_project command.
- Added CSV dump of history.
- Avoid copy/paste errors with whitespace characters.
- Added support for Bitbucket webhooks.
- Tighter control on fuzzy strings on translation upload.
- Several URLs have changed, you might have to update your bookmarks.
- Hook scripts are executed with VCS root as current directory.
- Hook scripts are executed with environment variables describing current component.

- Add management command to optimize fulltext index.
- Added support for error reporting to Rollbar.
- Projects now can have multiple owners.
- Project owners can manage themselves.
- Added support for `javascript-format` used in gettext PO.
- Support for adding new translations in XLIFF.
- Improved file format autodetection.
- Extended keyboard shortcuts.
- Improved dictionary matching for several languages.
- Improved layout of most of pages.
- Support for adding words to dictionary while translating.
- Added support for filtering languages to be managed by Weblate.
- Added support for translating and importing CSV files.
- Rewritten handling of static files.
- Direct login/registration links to third-party service if that's the only one.
- Commit pending changes on account removal.
- Add management command to change site name.
- Add option to configure default committer.
- Add hook after adding new translation.
- Add option to specify multiple files to add to commit.

4.15.23 Weblate 2.3

Publicada el 22 de mayo de 2015.

- Dropped support for Django 1.6 and South migrations.
- Support for adding new translations when using Java Property files
- Allow to accept suggestion without editing.
- Improved support for Google OAuth 2.0
- Added support for Microsoft .resx files.
- Tuned default robots.txt to disallow big crawling of translations.
- Simplified workflow for accepting suggestions.
- Added project owners who always receive important notifications.
- Allow to disable editing of monolingual template.
- More detailed repository status view.
- Direct link for editing template when changing translation.
- Allow to add more permissions to project owners.
- Allow to show secondary language in Zen mode.
- Support for hiding source string in favor of secondary language.

4.15.24 Weblate 2.2

Publicada el 19 de febrero de 2015.

- Performance improvements.
- Fulltext search on location and comments fields.
- New SVG/javascript based activity charts.
- Support for Django 1.8.
- Support for deleting comments.
- Added own SVG badge.
- Added support for Google Analytics.
- Improved handling of translation filenames.
- Added support for monolingual JSON translations.
- Record component locking in a history.
- Support for editing source (template) language for monolingual translations.
- Added basic support for Gerrit.

4.15.25 Weblate 2.1

Publicada el 5 de diciembre de 2014.

- Added support for Mercurial repositories.
- Replaced Glyphicon font by Awesome.
- Added icons for social authentication services.
- Better consistency of button colors and icons.
- Documentation improvements.
- Varias correcciones de defectos.
- Automatic hiding of columns in translation listing for small screens.
- Changed configuration of filesystem paths.
- Improved SSH keys handling and storage.
- Improved repository locking.
- Customizable quality checks per source string.
- Allow to hide completed translations from dashboard.

4.15.26 Weblate 2.0

Publicada el 6 de noviembre de 2014.

- New responsive UI using Bootstrap.
- Rewritten VCS backend.
- Documentation improvements.
- Added whiteboard for site wide messages.
- Configurable strings priority.
- Added support for JSON file format.

- Fixed generating mo files in certain cases.
- Added support for GitLab notifications.
- Added support for disabling translation suggestions.
- Django 1.7 support.
- ACL projects now have user management.
- Extended search possibilities.
- Give more hints to translators about plurals.
- Fixed Git repository locking.
- Compatibility with older Git versions.
- Improved ACL support.
- Added buttons for per language quotes and other special characters.
- Support for exporting stats as JSONP.

4.16 Serie 1.x de Weblate

4.16.1 Weblate 1.9

Publicada el 6 de mayo de 2014.

- Django 1.6 compatibility.
- No longer maintained compatibility with Django 1.4.
- Management commands for locking/unlocking translations.
- Improved support for Qt TS files.
- Users can now delete their account.
- Avatars can be disabled.
- Merged first and last name attributes.
- Avatars are now fetched and cached server side.
- Added support for shields.io badge.

4.16.2 Weblate 1.8

Publicada el 7 de noviembre de 2013.

- Please check manual for upgrade instructions.
- Nicer listing of project summary.
- Better visible options for sharing.
- More control over anonymous users privileges.
- Supports login using third party services, check manual for more details.
- Los usuarios pueden acceder proporcionando su correo electrónico en lugar de su nombre de usuario.
- Documentation improvements.
- Improved source strings review.
- Searching across all strings.

- Better tracking of source strings.
- Captcha protection for registration.

4.16.3 Weblate 1.7

Publicada el 7 de octubre de 2013.

- Please check manual for upgrade instructions.
- Support for checking Python brace format string.
- Per component customization of quality checks.
- Detailed per translation stats.
- Changed way of linking suggestions, checks and comments to strings.
- Users can now add text to commit message.
- Support for subscribing on new language requests.
- Support for adding new translations.
- Widgets and charts are now rendered using Pillow instead of Pango + Cairo.
- Add status badge widget.
- Dropped invalid text direction check.
- Los cambios realizados a los diccionarios ahora figuran en el historial.
- Performance improvements for translating view.

4.16.4 Weblate 1.6

Publicada el 25 de julio de 2013.

- Nicer error handling on registration.
- Browsing of changes.
- Fixed sorting of machine translation suggestions.
- Improved support for MyMemory machine translation.
- Added support for Amagama machine translation.
- Various optimizations on frequently used pages.
- Highlights searched phrase in search results.
- Support for automatic fixups while saving the message.
- Tracking of translation history and option to revert it.
- Added support for Google Translate API.
- Added support for managing SSH host keys.
- Various form validation improvements.
- Various quality checks improvements.
- Performance improvements for import.
- Added support for voting on suggestions.
- Cleanup of admin interface.

4.16.5 Weblate 1.5

Publicada el 16 de abril de 2013.

- Please check manual for upgrade instructions.
- Added public user pages.
- Better naming of plural forms.
- Added support for TBX export of glossary.
- Added support for Bitbucket notifications.
- Activity charts are now available for each translation, language or user.
- Extended options of import_project admin command.
- Compatible with Django 1.5.
- Avatars are now shown using libravatar.
- Added possibility to pretty print JSON export.
- Various performance improvements.
- Indicate failing checks or fuzzy strings in progress bars for projects or languages as well.
- Added support for custom pre-commit hooks and committing additional files.
- Rewritten search for better performance and user experience.
- New interface for machine translations.
- Added support for monolingual po files.
- Extend amount of cached metadata to improve speed of various searches.
- Now shows word counts as well.

4.16.6 Weblate 1.4

Publicada el 23 de enero de 2013.

- Fixed deleting of checks/comments on string deletion.
- Added option to disable automatic propagation of translations.
- Added option to subscribe for merge failures.
- Correctly import on projects which needs custom ttkit loader.
- Added sitemaps to allow easier access by crawlers.
- Provide direct links to string in notification e-mails or feeds.
- Various improvements to admin interface.
- Provide hints for production setup in admin interface.
- Added per language widgets and engage page.
- Improved translation locking handling.
- Show code snippets for widgets in more variants.
- Indicate failing checks or fuzzy strings in progress bars.
- More options for formatting commit message.
- Fixed error handling with machine translation services.
- Improved automatic translation locking behaviour.

- Support for showing changes from previous source string.
- Added support for substring search.
- Various quality checks improvements.
- Support for per project ACL.
- Basic string tests coverage.

4.16.7 Weblate 1.3

Publicada el 16 de noviembre de 2012.

- Compatibility with PostgreSQL database backend.
- Removes languages removed in upstream git repository.
- Improved quality checks processing.
- Added new checks (BB code, XML markup and newlines).
- Support for optional rebasing instead of merge.
- Possibility to relocate Weblate (for example to run it under /weblate path).
- Support for manually choosing file type in case autodetection fails.
- Better support for Android resources.
- Support for generating SSH key from web interface.
- More visible data exports.
- New buttons to enter some special characters.
- Support for exporting dictionary.
- Support for locking down whole Weblate installation.
- Checks for source strings and support for source strings review.
- Support for user comments for both translations and source strings.
- Better changes log tracking.
- Changes can now be monitored using RSS.
- Improved support for RTL languages.

4.16.8 Weblate 1.2

Publicada el 14 de agosto de 2012.

- Weblate ahora se sirve de South para la migración de la base de datos; eche un vistazo a las instrucciones de actualización si está por actualizar.
- Fixed minor issues with linked git repos.
- New introduction page for engaging people with translating using Weblate.
- Added widgets which can be used for promoting translation projects.
- Added option to reset repository to origin (for privileged users).
- Project or component can now be locked for translations.
- Possibility to disable some translations.
- Configurable options for adding new translations.
- Configuration of git commits per project.

- Simple antispam protection.
- Better layout of main page.
- Support for automatically pushing changes on every commit.
- Support for e-mail notifications of translators.
- List only used languages in preferences.
- Improved handling of not known languages when importing project.
- Support for locking translation by translator.
- Optionally maintain `Language-Team` header in po file.
- Include some statistics in about page.
- Supports (and requires) django-registration 0.8.
- Caching of counted strings with failing checks.
- Checking of requirements during setup.
- Documentation improvements.

4.16.9 Weblate 1.1

Publicada el 4 de julio de 2012.

- Improved several translations.
- Better validation while creating component.
- Added support for shared git repositories across components.
- Do not necessary commit on every attempt to pull remote repo.
- Added support for offloading indexing.

4.16.10 Weblate 1.0

Publicada el 10 de mayo de 2012.

- Improved validation while adding/saving component.
- Experimental support for Android component files (needs patched ttkit).
- Las actualizaciones de los actuadores se ejecutan en segundo plano.
- Se mejoraron las instrucciones de instalación.
- Se mejoró la navegación en el área de diccionarios.

4.17 Serie 0.x de Weblate

4.17.1 Weblate 0.9

Publicada el 18 de abril de 2012.

- Se arregló la importación de idiomas desconocidos.
- Improved listing of nearby messages.
- Se mejoraron varias comprobaciones.
- Puesta al día de la documentación.

- Added definition for several more languages.
- Various code cleanups.
- Documentation improvements.
- Changed file layout.
- Update helper scripts to Django 1.4.
- Improved navigation while translating.
- Better handling of po file renames.
- Better validation while creating component.
- Integrated full setup into syncdb.
- Added list of recent changes to all translation pages.
- Check for not translated strings ignores format string only messages.

4.17.2 Weblate 0.8

Publicada el 3 de abril de 2012.

- Replaced own full text search with Whoosh.
- Various fixes and improvements to checks.
- New command updatechecks.
- Muchas traducciones actualizadas.
- Added dictionary for storing most frequently used terms.
- Added /admin/report/ for overview of repositories status.
- Machine translation services no longer block page loading.
- Management interface now contains also useful actions to update data.
- Records log of changes made by users.
- Ability to postpone commit to Git to generate less commits from single user.
- Possibility to browse failing checks.
- Automatic translation using already translated strings.
- New about page showing used versions.
- Django 1.4 compatibility.
- Ability to push changes to remote repo from web interface.
- Added review of translations done by others.

4.17.3 Weblate 0.7

Publicada el 16 de febrero de 2012.

- Direct support for GitHub notifications.
- Added support for cleaning up orphaned checks and translations.
- Displays nearby strings while translating.
- Displays similar strings while translating.
- Improved searching for string.

4.17.4 Weblate 0.6

Publicada el 14 de febrero de 2012.

- Added various checks for translated messages.
- Tunable access control.
- Improved handling of translations with new lines.
- Added client side sorting of tables.
- Please check upgrading instructions in case you are upgrading.

4.17.5 Weblate 0.5

Publicada el 12 de febrero de 2012.

- **Support for machine translation using following online services:**
  - Apertium
  - Microsoft Translator
  - MyMemory
- Several new translations.
- Improved merging of upstream changes.
- Better handle concurrent git pull and translation.
- Propagating works for fuzzy changes as well.
- Propagating works also for file upload.
- Fixed file downloads while using FastCGI (and possibly others).

4.17.6 Weblate 0.4

Publicada el 8 de febrero de 2012.

- Added usage guide to documentation.
- Fixed API hooks not to require CSRF protection.

4.17.7 Weblate 0.3

Publicada el 8 de febrero de 2012.

- Better display of source for plural translations.
- New documentation in Sphinx format.
- Displays secondary languages while translating.
- Improved error page to give list of existing projects.
- New per language stats.

4.17.8 Weblate 0.2

Publicada el 7 de febrero de 2012.

- Mejor validación de determinados formularios.
- Warn users on profile upgrade.
- Remember URL for login.
- Naming of text areas while entering plural forms.
- Ampliación automática del área de traducción.

4.17.9 Weblate 0.1

Publicada el 6 de febrero de 2012.

- Versión inicial.

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