Getting started

WEB-T is a plugin for Magento content translation. To use this plugin, you will need to deploy the Translation Hub for creating integrations and translation editing, and have an eTranslation account (or access to other WEB-T compatible translation provider) to take advantage of the automated content translation.
To set up the Translation Hub (optionally, you can skip this step, if there is a publicly available 3rd party instance you want to use) see deployment instructions in Translation Hub deployment repository https://github.com/European-Multilingual-Web/UP-TranslationHub-Deployment.

Translations made with this hybrid WEB-T plugin can be viewed, edited, and deleted on the Translation Hub. See a more detailed description of managing translations in the Translation Hub documentation.

Start with:
1. How does it work?

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WEB-T hybrid adds a JavaScript widget to all frontend pages of the website. This widget translates currently visible webpage content into the selected language. All translations are saved into a database, allowing you to edit them via Translation editor.

1. Create a Website Translator integration on the Translation Hub.
2. Embed the generated JavaScript code into your website.
3. Translate your website by going through all pages and selecting every target language from the menu.
4. Use Translation editor to improve translated texts. The corrections will instantly appear in your website.
5. When new content is added in the original language, re-translate the edited page by selecting every target language from the menu.

First time the content of any page is loaded it will take some time to translate it. The translations will be saved into a database and will load faster the next time.

2. Install plugin
3. Setup an integration:
    3.1. Configure the translation provider
    3.2. Create new integration
    3.3. Configure plugin
        3.3.1. Hide MT notice
        3.3.2. Exclude certain paths from translation
4. Translate content

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Install plugin

Before installing the plugin, you must install the prerequisites - Node.js and npm. See the official documentation: https://docs.npmjs.com/downloading-and-installing-node-js-and-npm

To install the plugin:

1. Set up Translation Hub.
2. Clone plugin repository.
3. From plugin root directory run 'npm install'.
    3.1. Alternatively, you can download latest Website Translator module from: https://www.npmjs.com/package/@tilde-nlp/website-translator and copy the @tilde-nlp/website-translator/dist/widget.js file to Webt/WebsiteTranslator/view/frontend/web/js/ directory.
4. (Optional) Add Translation Hub URL to CSP whitelist, if it is not allowed by Content Security Policy:
    4.1. Change 'localhost' to your custom URL in Webt/WebsiteTranslator/etc/csp_whitelist.xml
5. Copy Webt folder to [Magento root dir]/app/code/
6. SSH into Magento instance and execute:
    6.1. Change workdir to [Magento root dir]
    6.2. Enable Webt_WebsiteTranslator module: php bin/magento module:enable Webt_WebsiteTranslator
    6.3. Update DB: php bin/magento setup:upgrade
    6.4. Clean cache: php bin/magento cache:clean
    6.5. Generate classes: php bin/magento setup:di:compile
    6.6. (Optional) Fix permissions for [Magento root dir]/var folder, if they have changed after executing any of the previous commands
        6.6.1. e.g., for Apache: chown -R daemon:root [Magento root dir]/var/
7. Restart Magento instance.

Setup an integration

Configure the translation provider

To configure the MT Provider on the Translation Hub

1. On the Translation Hub, open **Translation provider**.
2. Select MT provider (eTranslation or Custom).
3. Enter the required data (eTranslation API credentials or Base URL & API key).
4. Click **Save**.

Create new integration

To create a new website integration:

1. On the Translation Hub, open **My integrations**.
2. Click **+Create website translator**.
3. Select **General setup**.
4. Fill the form:
    4.1. Give your integration a name.
    4.2. Add your website domain URL. (https://example.com, https://www.example.com and https://sub.example.com should all be added separately by clicking **Add another domain**).
    4.3. Select your website's original language.
    4.4. Select the languages you want your website to be translated into.
    4.5. In the generated table, select an MT engine for each language.
5. Click **Save**.

Configure plugin
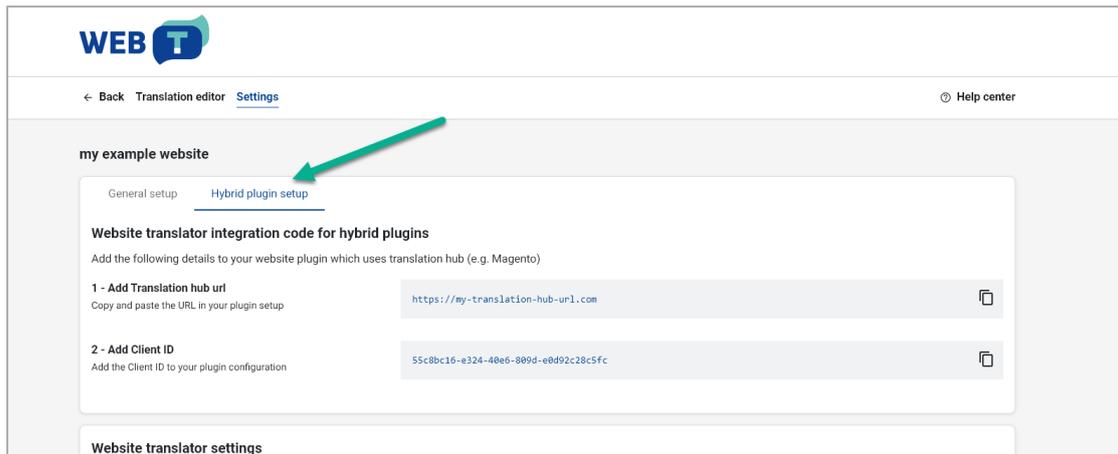
To configure the plugin:

1. Open the Magento administrator dashboard.
2. Open **Stores > Configuration**.
3. Under **General** settings find WEB-T Settings.
4. Enter the **Translation Hub URL** and **Client ID** generated on the **Translation Hub**.
5. Click **Save Config.**
6. Open any frontend page, WEB-T widget should be visible on the top of every page. Change the language to see if the translation is working.

Find the **Translation Hub URL** and the **Client ID** on the **Translation Hub** in integration settings under **Hybrid plugin setup**.
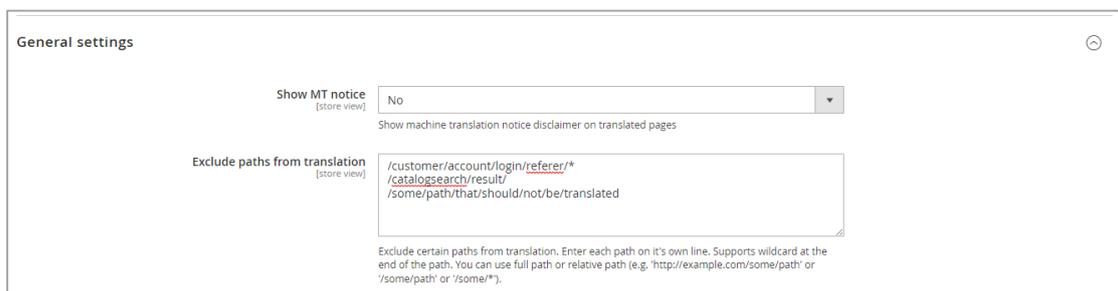
Hide MT notice

To hide machine-translation notice bar shown at the top of every translated page:

1. Open the Magento administrator dashboard.
2. Open **Stores > Configuration**.
3. Under **General** settings find WEB-T Settings.
4. Under **General settings** section set Show MT notice value to **No**.
5. Click **Save Config**.

Exclude certain paths from translation

If, for some reason, you do not want to translate certain webpages in your website, you can exclude their URL from plugin settings. To do that:

1. Open the Magento administrator dashboard.
2. Open **Stores > Configuration**.
3. Under **General** settings find WEB-T Settings.
4. Under **General settings** section find **Exclude paths from translation**
5. Enter path to each page you want to exclude on its own line. Wildcard (*) at the end of the path is also supported. You can use either full paths or relative paths (e.g. 'http://example.com/some/path' or '/some/path' or '/some/*').
6. Click **Save Config**.

Translate content

Translated text segments get stored in a database. This means that translating the same page again will be a lot quicker and you can edit translations.

The translations will appear on the **Translation Hub** in **Translation editor** where you can edit them.

To translate content:

1. Open the page you want to translate.
2. Select the language from the widget's language switcher.
3. Wait for the content to be translated.
4. Open every form, dropdown, and any dynamic content to translate and assess the translation quality.
5. Repeat the steps for every language.