

HOW TO CONTRIBUTE

Before contributing to the project, please read this file first.

Get started

Some libraries are required to develop this tool. This project uses two dependency managers. The first one is **Composer** which is mainly made for **PHP**. The second one is **NPM** provided with **NodeJS**. Please refer to the **annexes** sections to follow install instructions.

Once you installed tools, you will need to perform the following command to get **PHP** dependencies.

```
composer install
```

If you perform modifications, depending on the file modified you have to run some command lines to update, build or compile resources. All command lines are available in the **Annexes** section to find how to get them.

Do not perform modifications on the file `foe.css`. This file is built from file `foe.less`.

Managing languages texts

Todo when I change a file

Changes on `README.md`

Changes on `lib/js/foe.uscript.gc.tampermonkey.js`

- Run the command `mdmerge README.md`

Changes on `lib/less/foe.less`

- Run the command `lessc --clean-css lib/less/foe.less lib/css/foe.css`

Changes on `etc/resources.json`

Depending on the modification made on this resource file, the script `/lib/js/foetool.js` must be updated too.

- Please check method `index`

Changes on XML languages files

- Go in the folder `lib/langs`
- Enter the command `syslang --deploy`

Working Principles

Engine `FOETool`

The JavaScript class `foetool` is the main class executed by the User Script under **Tampermonkey** (or other). The script is loaded as `require` dependency.

To develop and to get same features on the website, this class is also used in file `index.php`. To reproduce the behavior of the browser plugin, I created a file `bootstrap` to reproduce initialization steps.

Annexes

Install `composer`

Install `NodeJS`

Install `npm`

NPM is the packages dependencies manager provided with the application **NodeJS**. Please follow instructions of chapter **Install `NodeJs`** available in the **Annexes** section.

Install `mdmerge`

- Run the command `npm install -g mdmerge`

Install `lessc`

- Run the command `npm install -g less`

Install `less-plugin-clean-css`

- Run the command `npm install -g less-plugin-clean-css`

Install `syslang`

- The `syslang` command is install with `Composer` on `post-install-cmd`.
- If the shell said the command `syslang` is not found follow this step.

```
# From project root
ln -sr ./lib/vendor/neooblaster/syslang/src/command_index.php /usr/local/bin/syslang
```