Contributing

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First of all, \*\*thank you\*\* for contributing, \*\*you are awesome\*\*!

Here are a few rules to follow in order to ease code reviews, and discussions

before maintainers accept and merge your work:

\* You MUST follow the [PSR-1](http://www.php-fig.org/psr/1/) and

[PSR-2](http://www.php-fig.org/psr/2/) recommendations. Use the [PHP-CS-Fixer

tool](http://cs.sensiolabs.org/) to fix the syntax of your code automatically.

\* You MUST run the test suite.

\* You MUST write (or update) unit tests.

\* You SHOULD write documentation.

Please, write [commit messages that make

sense](http://tbaggery.com/2008/04/19/a-note-about-git-commit-messages.html),

and [rebase your branch](http://git-scm.com/book/en/Git-Branching-Rebasing)

before submitting your Pull Request.

One may ask you to [squash your

commits](http://gitready.com/advanced/2009/02/10/squashing-commits-with-rebase.html)

too. This is used to "clean" your Pull Request before merging it (we don't want

commits such as `fix tests`, `fix 2`, `fix 3`, etc.).

Also, while creating your Pull Request on GitHub, you MUST write a description

which gives the context and/or explains why you are creating it.

Thank you!

Running tests

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Before running the test suite, execute the following Composer command to install

the dependencies used by the bundle:

```bash

$ composer update

```

Then, execute the tests executing:

```bash

$ ./phpunit

```

### JavaScript Test Suite

First, install [PhantomJS](http://phantomjs.org/) (see the website for further

details or simply use your favourite package manager) and the development dependencies using:

```bash

$ cd Resources

$ npm install

```

then run the JS test suite with:

```bash

$ npm run test

```

Because the current test suite runs against the built javascript a build is automatically

run first (see 'Compiling the JavaScript files' below for further details). You can

explicitly run only the test suite with:

```bash

$ phantomjs js/run\_jsunit.js js/router\_test.html

```

Alternatively you can open `Resources/js/router\_test.html` in your browser which

runs the same test suite with a graphical output.

Compiling the JavaScript files

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> \*\*NOTE\*\*

>

> We already provide a compiled version of the JavaScript; this section is only

> relevant if you want to make changes to this script.

This project is using [Gulp](https://gulpjs.com/) to compile JavaScript files.

In order to use Gulp you must install both [node](https://nodejs.org/en/) and

[npm](https://www.npmjs.com/).

If you are not familiar with using Gulp, it is recommended that you review this

[An Introduction to Gulp.js](https://www.sitepoint.com/introduction-gulp-js/)

tutorial which will guide you through the process of getting node and npm installed.

Once you have node and npm installed:

```bash

$ cd Resources

$ npm install

```

Then to perform a build

```bash

$ npm run build

```