Environnement de travail collaboratif

ESGI - Semaine du 04/11/19

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README

README

What?

A file to introduce and explain the purpose of your project, as well as instructions on how to use it.

Who?

Anyone working on a project, especially if you want people to use it or contribute.

Where?

At the root of your repository: `./README.md`.

How?

Usually in markdown, but could be in reStructuredText or event plain text.

README: Requirements

Conditions to be able to install / use the project.

- PHP >= 7.2.0
- BCMath PHP Extension
- Ctype PHP Extension
- JSON PHP Extension
- Mbstring PHP Extension
- …

README: Installation

Step by step instructions on how to get a development environment working.

➜ composer create-project symfony/website-skeleton my_project_name

➜ cd my-project/

➜ symfony server:start

README: How to use

Some examples and snippets on how the project can be used

```
const sum = require('./sum');

test('adds 1 + 2 to equal 3', () => {

  expect(sum(1, 2)).toBe(3);

});
```

README: Documentation

If there some more exhaustive documentation is hosted elsewhere, provide a link on how to reach it.

Laravel has the most extensive and thorough documentation and video tutorial library of all modern web application frameworks, making it a breeze to get started with the framework.

README: Running the tests

Step by step instructions on how to run the tests. Useful for contributors to test their development.

```
composer install --dev

php ./vendor/bin/phpunit
```

README: Deployment

Additional notes (in comparison of the installation section) on how to run the application in a production environment.

Laravel should always be served out of the root of the "web directory" configured for your web server. You should not attempt to serve a Laravel application out of a sub-directory of the "web directory". Attempting to do so could expose sensitive files present within your application.

README: Security vulnerabilities

How to proceed to help fixing vulnerabilities and/or how to reports findings.

If you discover a security vulnerability within Laravel, please send an e-mail to Taylor Otwell via taylor@laravel.com. All security vulnerabilities will be promptly addressed.

README: Contributing

Information on how to contribute

See CONTRIBUTING.md

README: Licence

Information on the type of licence of your project

MIT - see the LICENSE.md file for details

README: Badges

They are usually dynamic and give various information about the project:
- Build status
- # downloads per month
- Coverage
- Minified size
- Licence type
- Supported versions
- …

Some sites can help: Shields.io

README: Practical work

The API Platform README.md does not give much information as it hosts its documentation in a dedicated website.

Write a concise yet exhaustive README.md for API Platform

README: Useful resources

- Markdown Cheatsheet

- A Beginners Guide to writing a Kickass README

- dbader/readme-template

- Make a README

- othneildrew/Best-README-Template

README: How about a wiki?

When your documentation becomes to extensive, you can use a Wiki.

Multiple possibilities:

- Github / Gitlab wiki
- Markdown files in a `./docs/` folder
- External platforms like Read the Docs