PHP - Application architecture

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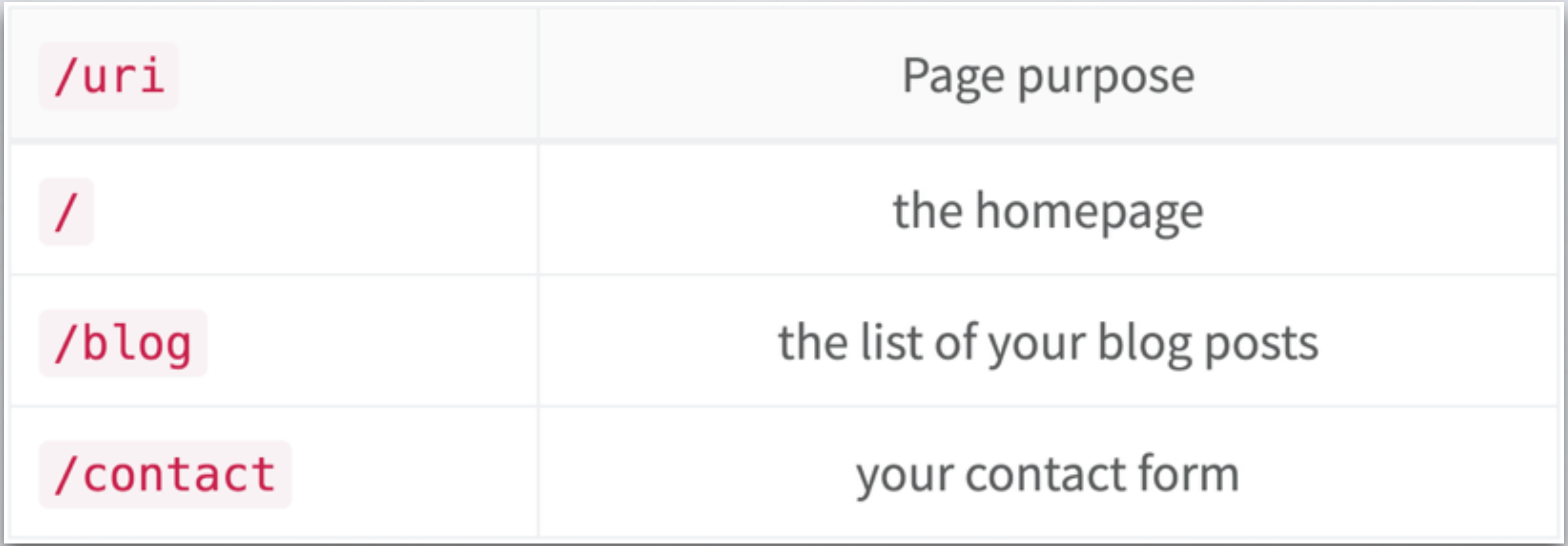

`/uri`	Page purpose
`/`	the homepage
`/blog`	the list of your blog posts
`/contact`	your contact form

Personal website plan

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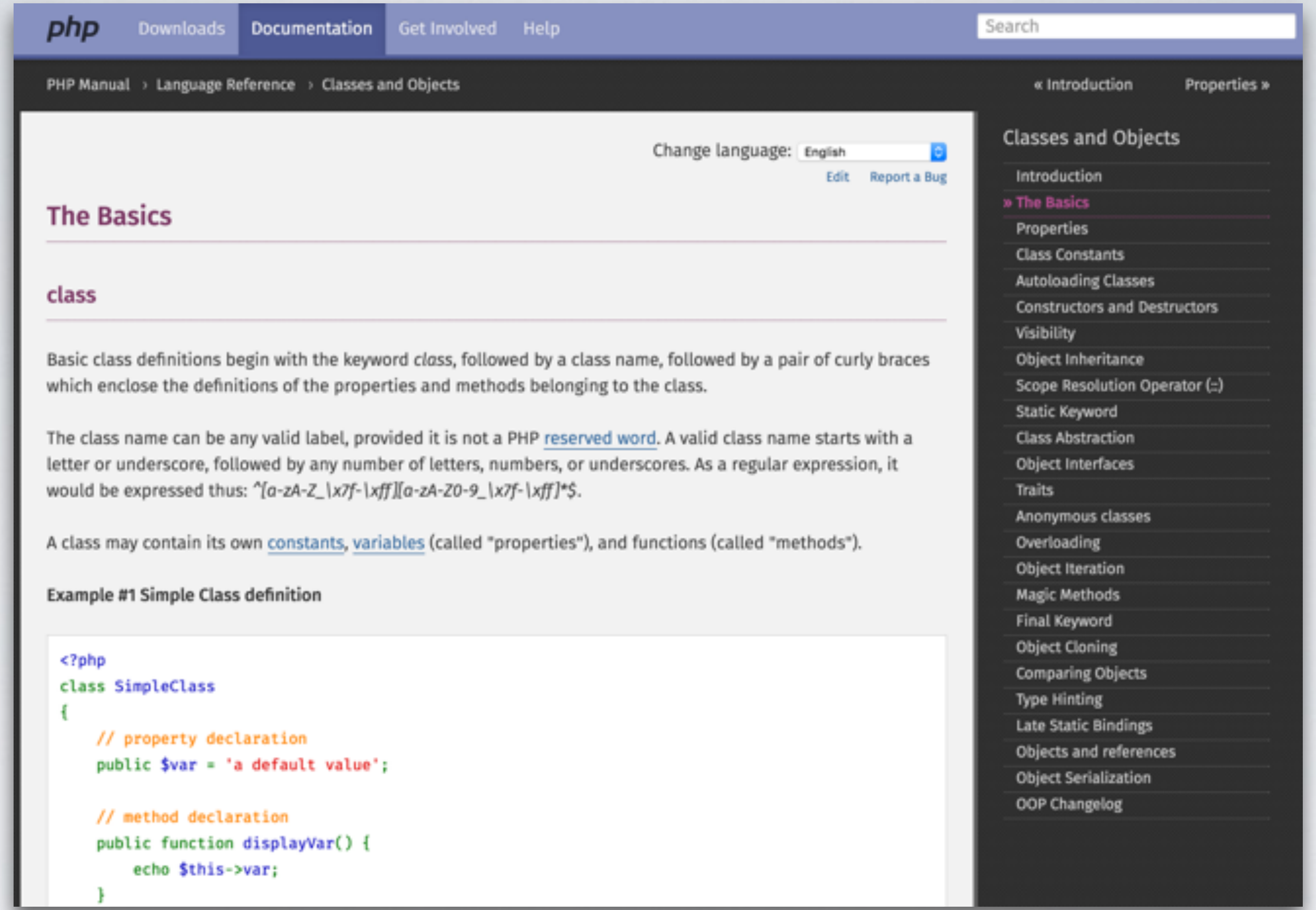


The Basics

class

Basic class definitions begin with the keyword *class*, followed by a class name, followed by a pair of curly braces which enclose the definitions of the properties and methods belonging to the class.

The class name can be any valid label, provided it is not a PHP reserved word. A valid class name starts with a letter or underscore, followed by any number of letters, numbers, or underscores. As a regular expression, it would be expressed thus: *^[a-zA-Z_\x7f-\xff][a-zA-Z0-9_\x7f-\xff]*$*.

A class may contain its own constants, variables (called "properties"), and functions (called "methods").

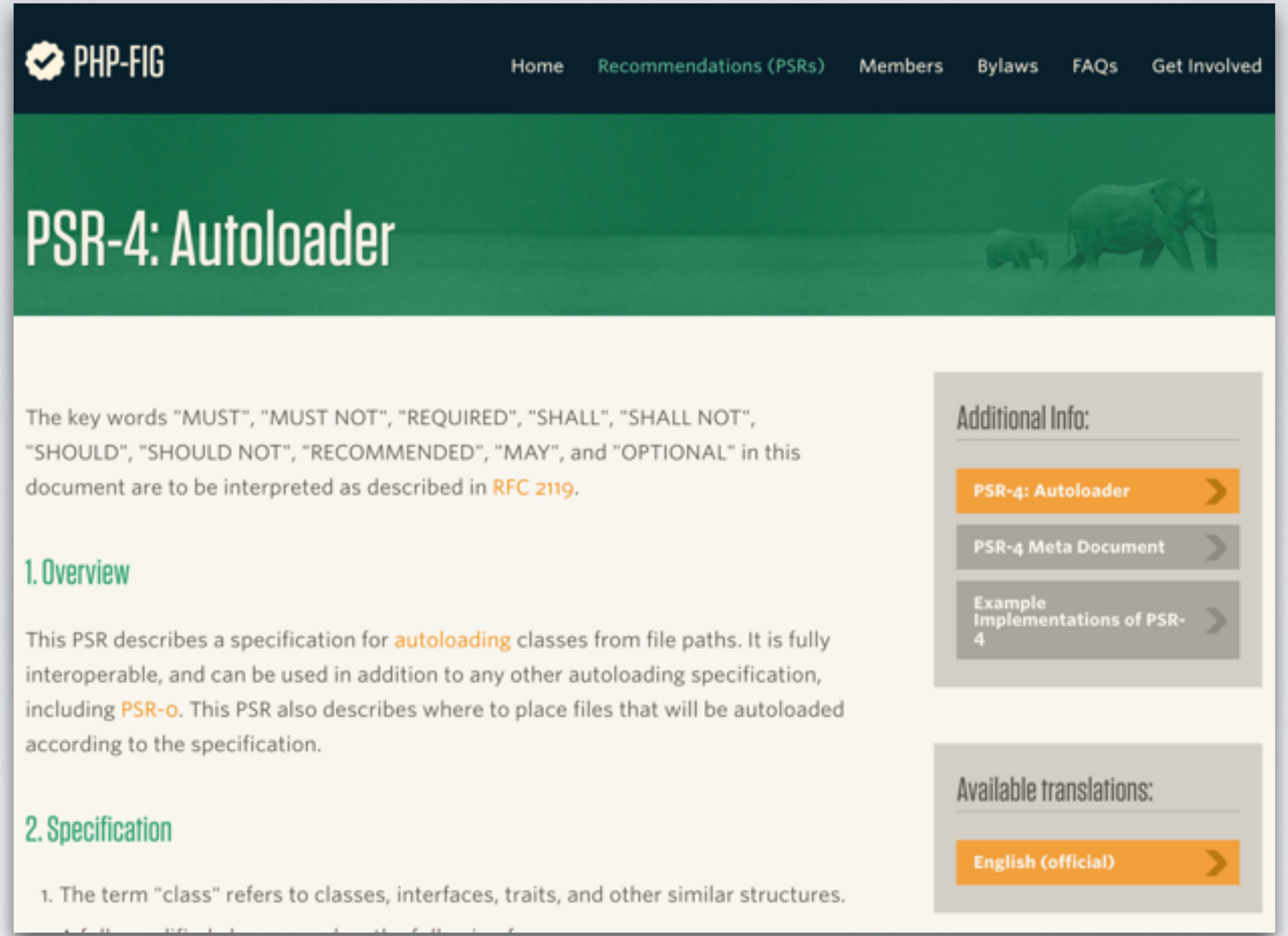
Example #1 Simple Class definition

```
<?php
class SimpleClass
{
    // property declaration
    public $var = 'a default value';

    // method declaration
    public function displayVar() {
        echo $this->var;
    }
```

Classes and Objects

Wrapping concepts in PHP



PSR-4: Autoloader

The key words "MUST", "MUST NOT", "REQUIRED", "SHALL", "SHALL NOT", "SHOULD", "SHOULD NOT", "RECOMMENDED", "MAY", and "OPTIONAL" in this document are to be interpreted as described in RFC 2119.

1. Overview

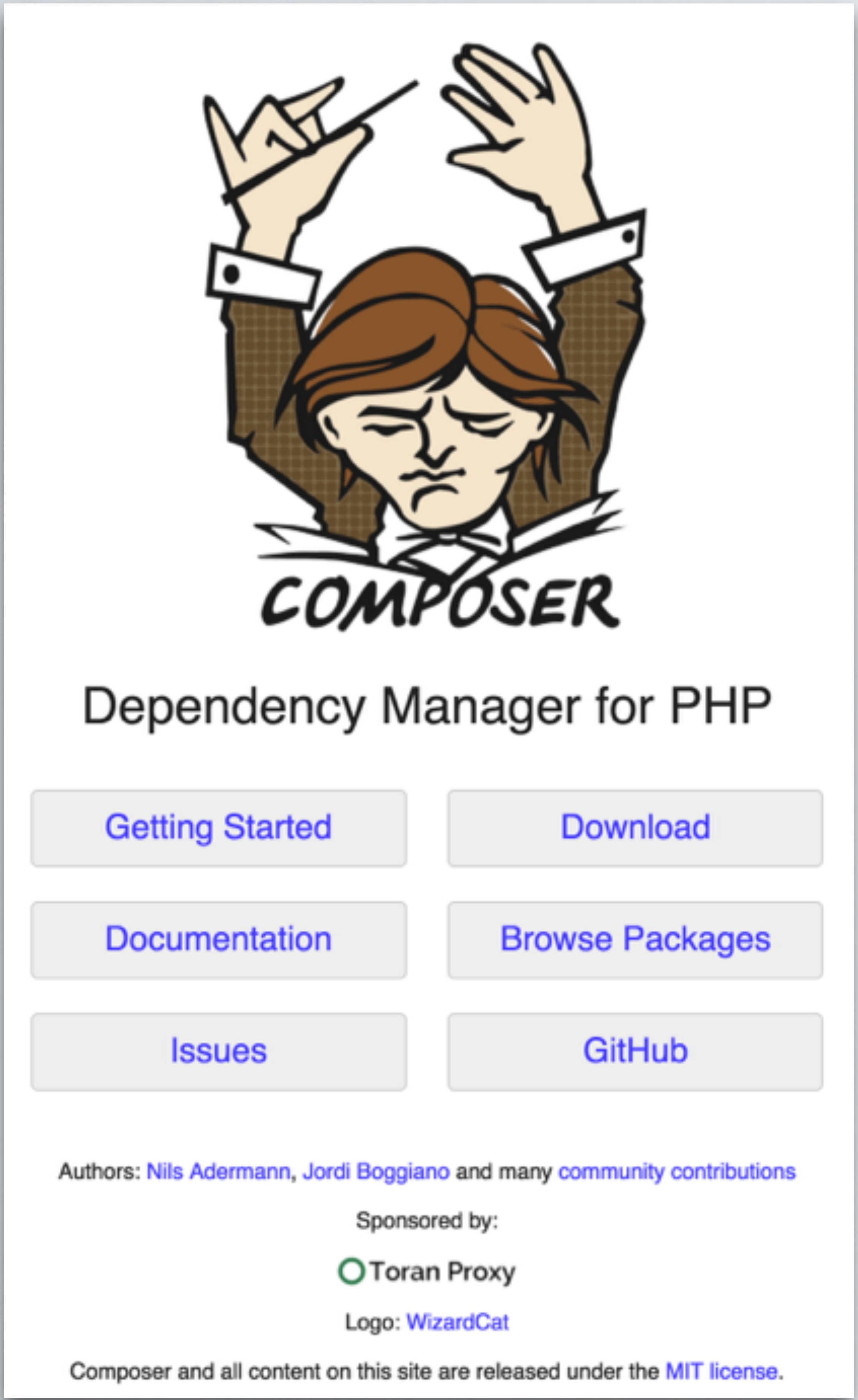
This PSR describes a specification for autoloading classes from file paths. It is fully interoperable, and can be used in addition to any other autoloading specification, including PSR-0. This PSR also describes where to place files that will be autoloaded according to the specification.

2. Specification

1. The term "class" refers to classes, interfaces, traits, and other similar structures.

PSR-4: AUTOLOADER

Standardized and efficient autoloading



COMPOSER

Dependency Manager for PHP

Getting Started | Download
Documentation | Browse Packages
Issues | GitHub

Authors: Nils Adermann, Jordi Boggiano and many community contributions

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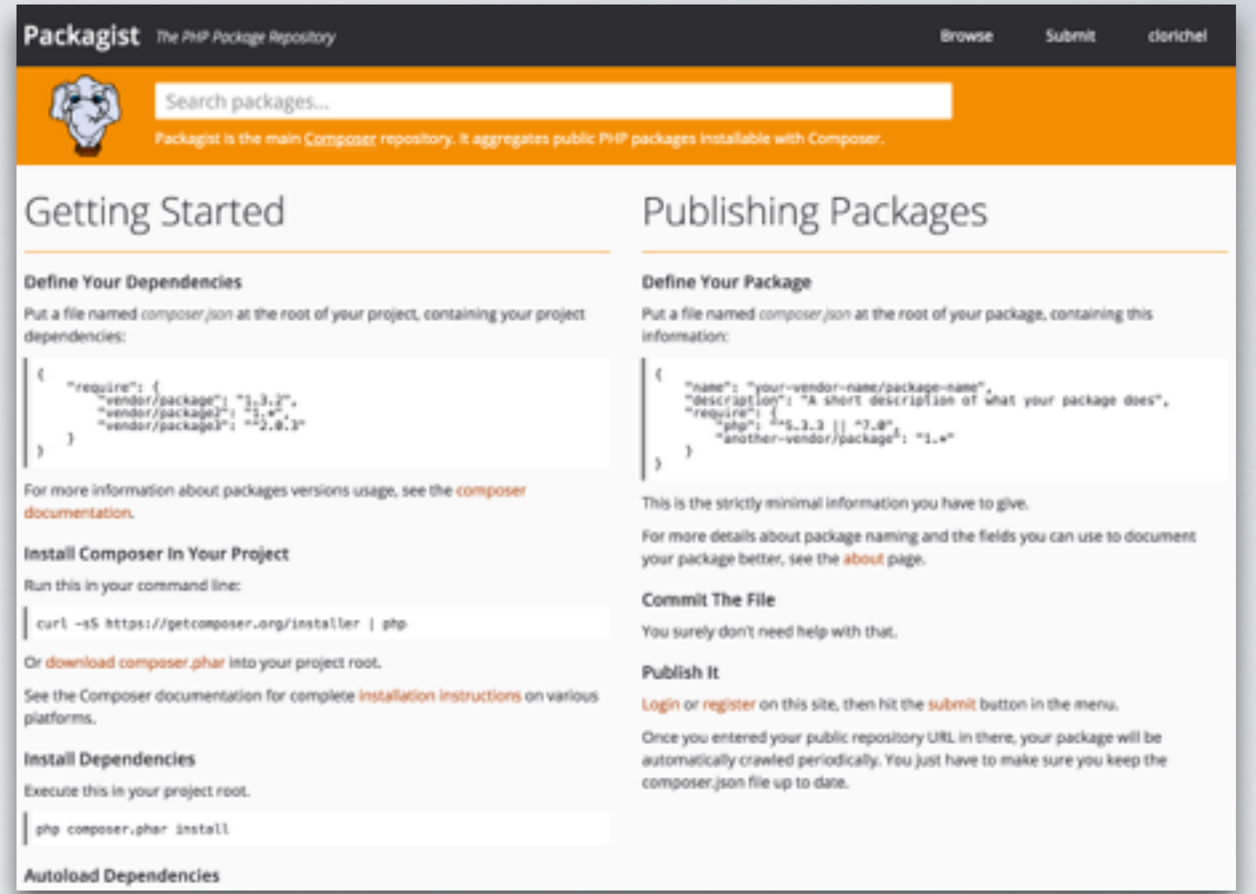


Packagist *The PHP Package Repository* Browse Submit clorichel

Search packages...

Packagist is the main Composer repository. It aggregates public PHP packages installable with Composer.

Getting Started

Define Your Dependencies

Put a file named *composer.json* at the root of your project, containing your project dependencies:

```
{
    "require": {
        "vendor/package": "1.3.2",
        "vendor/package2": "1.*",
        "vendor/package3": "^2.0.3"
    }
}
```

For more information about packages versions usage, see the composer documentation.

Install Composer In Your Project

Run this in your command line:

```
curl -sS https://getcomposer.org/installer | php
```

Or download composer.phar into your project root.

See the Composer documentation for complete installation instructions on various platforms.

Install Dependencies

Execute this in your project root.

```
php composer.phar install
```

Autoload Dependencies

Publishing Packages

Define Your Package

Put a file named *composer.json* at the root of your package, containing this information:

```
{
    "name": "your-vendor-name/package-name",
    "description": "A short description of what your package does",
    "require": {
        "php": "^5.3.3 || ^7.0",
        "another-vendor/package": "1.*"
    }
}
```

This is the strictly minimal information you have to give.

For more details about package naming and the fields you can use to document your package better, see the about page.

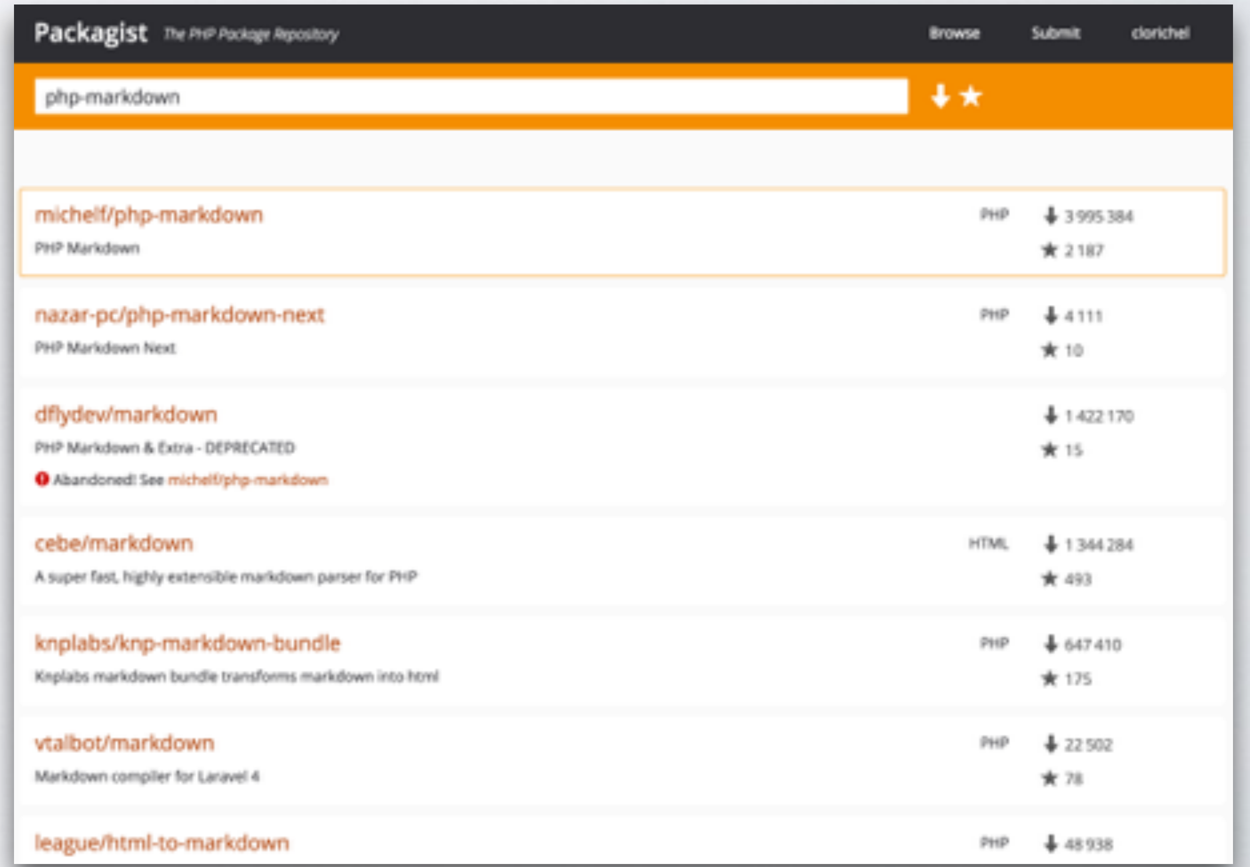
Commit The File

You surely don't need help with that.

Publish It

Login or register on this site, then hit the submit button in the menu.

Once you entered your public repository URL in there, your package will be automatically crawled periodically. You just have to make sure you keep the composer.json file up to date.



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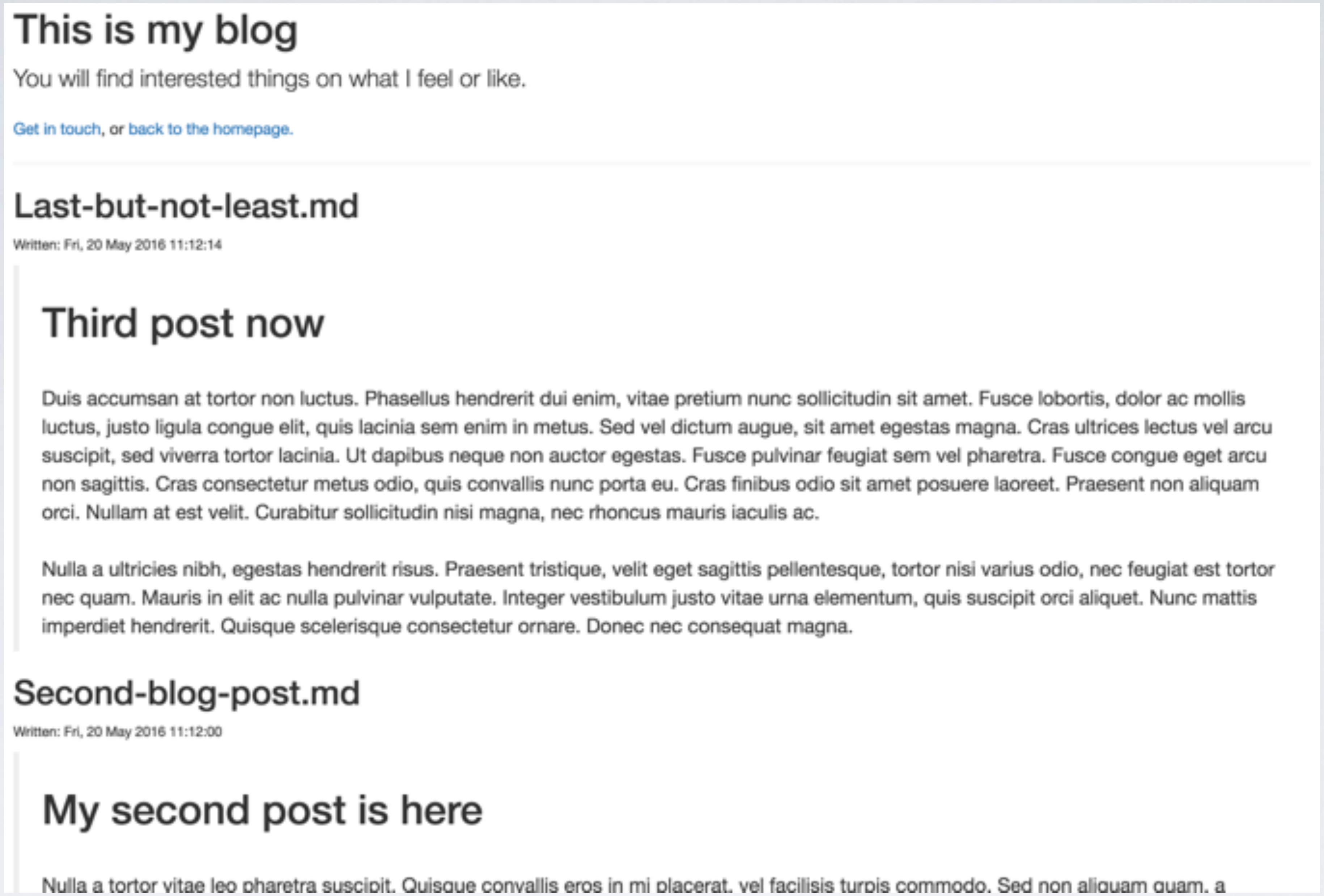
php-markdown ↓ ★

michelf/php-markdown PHP Markdown	PHP	↓ 3 995 384 ★ 2 187
nazar-pc/php-markdown-next PHP Markdown Next	PHP	↓ 4 111 ★ 10
dflydev/markdown PHP Markdown & Extra - DEPRECATED Abandoned! See michelf/php-markdown		↓ 1 422 170 ★ 15
cebe/markdown A super fast, highly extensible markdown parser for PHP	HTML	↓ 1 344 284 ★ 493
knplabs/knp-markdown-bundle Knplabs markdown bundle transforms markdown into html	PHP	↓ 647 410 ★ 175
vtalbot/markdown Markdown compiler for Laravel 4	PHP	↓ 22 502 ★ 78
league/html-to-markdown	PHP	↓ 48 938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Last-but-not-least.md

Written: Fri, 20 May 2016 11:12:14

Third post now

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Second-blog-post.md

Written: Fri, 20 May 2016 11:12:00

My second post is here

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How simple PHP is

2h to MySQL, files operations and markdown parsing

THANK YOU!

http://github.com/clorichel