The Twig Book

generated on February 11, 2019

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Chapter 1
Introduction

This is the documentation for Twig, the flexible, fast, and secure template engine for PHP.

If you have any exposure to other text-based template languages, such as Smarty, Django, or Jinja, you should feel right at home with Twig. It's both designer and developer friendly by sticking to PHP's principles and adding functionality useful for templating environments.

The key-features are...

- *Fast*: Twig compiles templates down to plain optimized PHP code. The overhead compared to regular PHP code was reduced to the very minimum.
- *Secure*: Twig has a sandbox mode to evaluate untrusted template code. This allows Twig to be used as a template language for applications where users may modify the template design.
- *Flexible*: Twig is powered by a flexible lexer and parser. This allows the developer to define their own custom tags and filters, and to create their own DSL.

Twig is used by many Open-Source projects like Symfony, Drupal8, eZPublish, phpBB, Piwik, OroCRM; and many frameworks have support for it as well like Slim, Yii, Laravel, Codeigniter and Kohana — just to name a few.

Prerequisites

Twig needs at least **PHP 7.0.0** to run.

Installation

The recommended way to install Twig is via Composer:

Listing 1-1

```
composer require "twig/twig:^2.0"
```

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