

Laravel - Installation

For managing dependencies, Laravel uses **composer**. Make sure you have a Composer installed on your system before you install Laravel. In this chapter, you will see the installation process of Laravel.

You will have to follow the steps given below for installing Laravel onto your system –

Step 1 – Visit the following URL and download composer to install it on your system.

<https://getcomposer.org/download/>

Step 2 – After the Composer is installed, check the installation by typing the Composer command in the command prompt as shown in the following screenshot.

```
Administrator: C:\Windows\System32\cmd.exe
Microsoft Windows [Version 6.1.7601]
Copyright <c> 2009 Microsoft Corporation. All rights reserved.

C:\wamp\www\laravel>php artisan --version
Laravel Framework version 5.1.23 (LTS)

C:\wamp\www\laravel>cd\

C:\>composer
A decorative graphic consisting of a grid of diagonal lines forming a stylized logo or pattern.

Composer version 1.0-dev (c7ed232ef42c2bd63cdba057b6c7c8043b37cd5a) 2015-10-29 09:52:59

Usage:
  command [options] [arguments]

Options:
  -h, --help          Display this help message
  -q, --quiet         Do not output any message
  -V, --version       Display this application version
  --ansi             Force ANSI output
  --no-ansi          Disable ANSI output
  --n, --no-interaction  Do not ask any interactive question
  --profile          Display timing and memory usage information
  -d, --working-dir=WORKING-DIR If specified, use the given directory as working directory.
  -v|vv|vvv, --verbose Increase the verbosity of messages: 1 for normal output, 2 for more verbose output and 3 for debug
```

Step 3 – Create a new directory anywhere in your system for your new Laravel project. After that, move to path where you have created the new directory and type the following command there to install Laravel.

```
composer create-project laravel/laravel -prefer-dist
```

Now, we will focus on installation of version 5.7. In Laravel version 5.7, you can install the complete framework by typing the following command –

```
composer create-project laravel/laravel test dev-develop
```

The output of the command is as shown below –

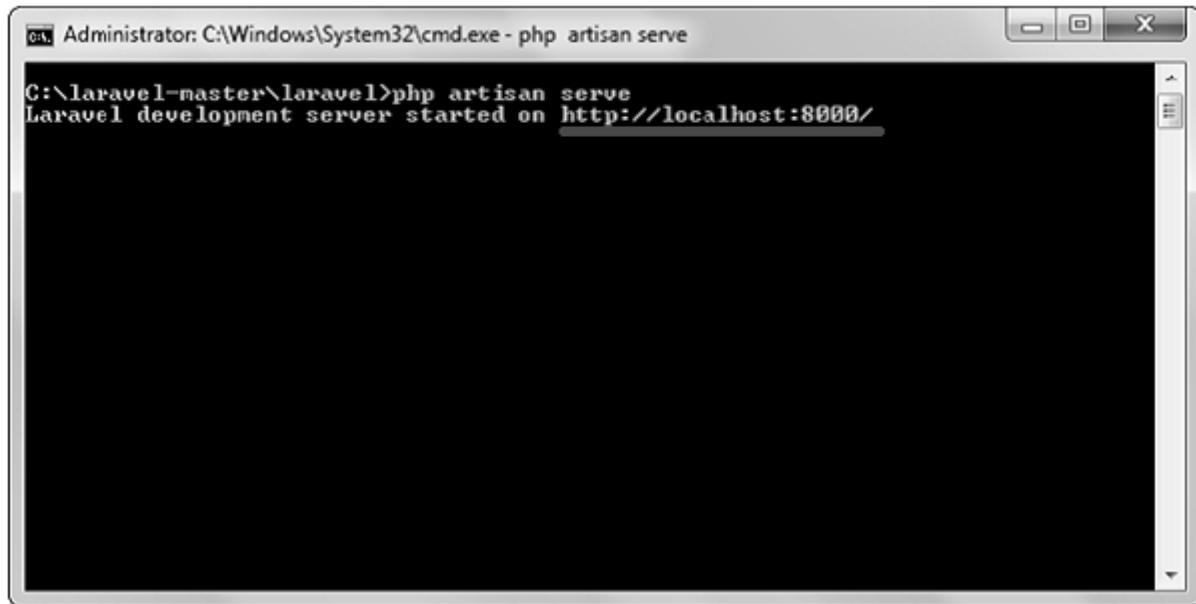
```
→ code composer create-project laravel/laravel test dev-develop
Installing laravel/laravel (dev-develop d6acad21cb2288713d9c09a31f9b4ab86f116039)
  - Installing laravel/laravel (dev-develop develop): Cloning develop from cache
Created project in test
> @php -r "file_exists('.env') || copy('.env.example', '.env');"
Loading composer repositories with package information
Updating dependencies (including require-dev)
Package operations: 71 installs, 0 updates, 0 removals
  - Installing vlucas/phpdotenv (v2.5.1): Loading from cache
  - Installing symfony/css-selector (v4.1.3): Loading from cache
  - Installing tijsverkoyen/css-to-inline-styles (2.2.1): Loading from cache
  - Installing symfony/polyfill-php72 (v1.9.0): Loading from cache
  - Installing symfony/polyfill-mbstring (v1.9.0): Loading from cache
  - Installing symfony/var-dumper (v4.1.3): Loading from cache
  - Installing symfony/routing (v4.1.3): Loading from cache
  - Installing symfony/process (v4.1.3): Loading from cache
  - Installing symfony/polyfill ctype (v1.9.0): Loading from cache
  - Installing symfony/http-foundation (v4.1.3): Loading from cache
  - Installing symfony/event-dispatcher (v4.1.3): Loading from cache
  - Installing psr/log (1.0.2): Loading from cache
  - Installing symfony/debug (v4.1.3): Loading from cache
  - Installing symfony/http-kernel (v4.1.3): Loading from cache
  - Installing paragonie/random_compat (v9.99.99): Loading from cache
```

The Laravel framework can be directly installed with develop branch which includes the latest framework.

Step 4 – The above command will install Laravel in the current directory. Start the Laravel service by executing the following command.

```
php artisan serve
```

Step 5 – After executing the above command, you will see a screen as shown below –



A screenshot of a Windows Command Prompt window titled "Administrator: C:\Windows\System32\cmd.exe - php artisan serve". The window contains the following text:
C:\laravel-master\laravel>php artisan serve
Laravel development server started on http://localhost:8000/

Step 6 – Copy the URL underlined in gray in the above screenshot and open that URL in the browser. If you see the following screen, it implies Laravel has been installed successfully.