

Laravel Installation

<https://laravel.com/docs/5.3/installation>

This tutorial will guide you to setup the framework "laravel v5.3" in the DAW server. (Substitute 'a999999' with your student number)

Step 1: Download the zip file

Login to the DAW server (IP 10.10.23.183) on the DEEI network using PuTTY and change to the public_html folder

```
a999999@daw:~/public_html/$ composer global require "laravel/installer"
```

Step 2: Update \$PATH

Make sure to place the `$HOME/.composer/vendor/bin` directory in your `$PATH` so the `laravel` executable can be located by your system.

```
a999999@daw:~/public_html/$ vi ~/.bash_profile

if [ -d ~/bin ] ; then
    PATH="~/bin:${PATH}:".$HOME/.composer/vendor/bin"
fi
```

Step 3: Create a fresh Laravel installation

Once installed, the `laravel new` command will create a fresh Laravel installation in the directory you specify. For instance, `laravel new project` will create a directory named `project` containing a fresh Laravel installation with all of Laravel's dependencies already installed:

```
a999999@daw:~/public_html/$ laravel new project
```

Give the permissions to the web server to access the files:

```
a999999@daw:~/public_html/$ chmod -R a+rx project
```

```
a999999@daw:~/public_html/$ chmod -R a+w project/storage
```

```
a999999@daw:~/public_html/$ chmod -R a+w project/bootstrap/cache
```

Step 4: Open your browser

Now open your browser and type the following address text box.

<http://all.deei.fct.ualg.pt/~a999999/project/public>

* Para instalar uma versão específica do laravel use o comando

```
a999999@daw:~/public_html/$ composer create-project --prefer-dist
laravel/laravel=5.2.* project
```

Laravel

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If you see the web page above you have successfully installed Laravel!

Step 3: Setup the database in database.php

The database configuration for your application is located at `config/database.php`. In this file you may define all of your database connections, as well as specify which connection should be used by default. Examples for most of the supported database systems are provided in this file.

```
a999999@daw:~/public_html/project/config$ nano database.php
```

```
'mysql' => [  
    'driver' => 'mysql',  
    'host' => '10.10.23.183',  
    'port' => '3306',  
    'database' => 'db_a999999',  
    'username' => 'a999999',  
    'password' => 'MyPassword',  
    'charset' => 'utf8',  
    'collation' => 'utf8_unicode_ci',  
    'prefix' => '',  
    'strict' => true,  
    'engine' => null,  
],
```

Step 5: URL rewriting

Change the .htaccess file

```
a999999@daw:~/public_html/project$ nano .htaccess
```

```
Options +FollowSymLinks  
<IfModule mod_rewrite.c>  
# AllowOverride FileInfo  
RewriteEngine on  
# Use: RewriteBase /<subdirectory> if installed in subdirectory  
RewriteBase /~a999999/project/public  
  
RewriteCond %{REQUEST_FILENAME} !-d  
RewriteCond %{REQUEST_FILENAME} !-f  
RewriteRule ^(.*)$ index.php [L]  
</ifModule>
```