

Getting off the ground with Symfony 2

Pre-requisites

- AMP stack or equivalent installed in the system
- PHP needs to be a minimum version of PHP 5.4
- JSON needs to be enabled
- ctype needs to be enabled
- Your php.ini needs to have the date.timezone setting

Instructions for installing a brand new symfony project

- Install symfony package manager
 - Linux
 - `curl -Ls http://symfony.com/installer > symfony.phar`
 - `sudo mv symfony.phar /usr/local/bin/symfony`
 - `chmod a+x /usr/local/bin/symfony`
 - Windows (Comman Line)
 - `c:\> php -r "readfile('http://symfony.com/installer');" > symfony.phar` (This assumes that php has been added to the path.)
 - `c:\> move symfony.phar c:\projects (best if its your web root)`
 - `c:\projects> php symfony.phar`
- Create the symfony application (in your web root)
 - Linux
 - `$ symfony new my_project_name`
 - Windows
 - `c:\projects> php symfony.phar new my_project_name`
- Using CLI navigate to the root of the newly created project
- Use the following command to create your first Bundle (just follow the instructions appearing on the screen!)
 - eg:- bundle name in the attached practise project is Ohrm/UserBundle
 - `php app/console generate:bundle`
- The bundle you created will appear under the src folder of your project
- Open the file <application_root>/app/config/parameters.yml and change the following database related values to those matching your system
 - database_name (you can use any name)
 - database_user
 - database_password
- Run the following command to automatically generate your database
 - `php app/console doctrine:database:create`

- Give global write access for the project folder at the application root using the *chmod* command in linux (use GUI in windows)
- Run the application by typing http://localhost/<application_root>/web/app.php in the browser address bar
- You should see the default welcome screen
- Follow instructions in 'The Book' from the following chapter onwards to create an application on your own.
http://symfony.com/doc/current/book/page_creation.html

Instructions for installing attached 'practise-project' project

- Move the project folder to the web root
- Open the file `<application_root>/app/config/parameters.yml` and change the following database related values to those matching your system
 - `database_name` (you can use any name)
 - `database_user`
 - `database_password`
- Navigate inside the project using the CLI and type the following commands
 - `php composer.phar install`
 - `php app/console doctrine:database:create`
 - `php app/console doctrine:schema:update --force`
- Give global write access for the project folder using `chmod`(linux) or otherwise
- Access the project using the following url
 - http://localhost/<your_application_root>/web/app_dev.php/user/
- The practise project simply allows a user to be created, edited viewed and deleted. You should be able to perform all of these actions