**Symfony Installation**

**To download composer go to your main project folder and run those commands as below**

php -r "copy('https://getcomposer.org/installer', 'composer-setup.php');"

php -r "if (hash\_file('SHA384', 'composer-setup.php') === '55d6ead61b29c7bdee5cccfb50076874187bd9f21f65d8991d46ec5cc90518f447387fb9f76ebae1fbbacf329e583e30') { echo 'Installer verified'; } else { echo 'Installer corrupt'; unlink('composer-setup.php'); } echo PHP\_EOL;"

php composer-setup.php

php -r "unlink('composer-setup.php');"

**Open the crm in folder which had composer.phar**

php -r "readfile('https://symfony.com/installer');" > symfony

Once you have Symfony installed create directory like Symfony 3 Projects where you will keep your Symfony stuff.

Go to your directory and create new application with symfony console

$ symfony new App

## Starting the Web Server

php bin/console server:run

Next you can go to <http://127.0.0.1:8000>

**If you set all database\_ parameters correctly in der App/app/config/parameters.yml**

bin/console doctrine:database:create

or in mysql: $ mysql -u root -p

CREATE DATABASE symfony

DEFAULT CHARACTER SET utf8

DEFAULT COLLATE utf8\_general\_ci;

**Once you’ve created entities, you can create database schema**

$ bin/console doctrine:schema:update --force

**Output:**

Updating database schema...

Database schema updated successfully! "7" queries were executed

**If you wrote enities as yaml-files- You have those ORM mappings in your project, and you can generate entities from it with single command**

$ bin/console doctrine:generate:entities AppBundle

Generating entities for bundle "AppBundle"

> backing up Job.php to Job.php~

> generating AppBundle\Entity\Job

> backing up Category.php to Category.php~

> generating AppBundle\Entity\Category

> backing up Affiliate.php to Affiliate.php~

> generating AppBundle\Entity\Affiliate

> backing up CategoryAffiliate.php to CategoryAffiliate.php~

> generating AppBundle\Entity\CategoryAffiliate

## Generate annotations

Now time for a little magic. Run

$ bin/console doctrine:mapping:convert annotation annotations\_entities

Output:

Processing entity "AppBundle\Entity\Job"

Processing entity "AppBundle\Entity\Category"

Processing entity "AppBundle\Entity\Affiliate"

Processing entity "AppBundle\Entity\CategoryAffiliate"

Exporting "annotation" mapping information to "/home/lukasz/App/annotations\_entities"