**Symfony**

* **Primary Installation**
* How to install a symphony <http://symfony.com/download> download it , run zip it and copy it into htdocs folder.
* Visit the below link to Setup

<http://localhost/Symfony/web/config.php> {Recommendation section will show the settings required to Run it}

* Click on Configure your symfony application online
* Configure the database
* Follow the Step 1,2,3
* Run the demo Hello World
* **How to create a bundle :**
* Create manually
* Through composer <http://getcomposer.org/download/>

Steps to create bundle through composer

* Open Command prompt
* Go to php directory
* Type Composer {Press enter}
* Run the Command
* php C:\xampp\htdocs\Symfony\app\console generate:bundle --namespace=Acme/HelloBundle --format=yml
* Directory will get created on above path
* Create a database

php C:\xampp\htdocs\Symfony\app\console doctrine:database:create

* Doctrine [How to create entity

php C:\xampp\htdocs\Symfony\app\console doctrine:generate:entities Acme/StoreBundle/Entity/Product

php C:\xampp\htdocs\Symfony\app\console doctrine:schema:update –force

* [This is will execute the query to the database
* For propel

php C:\xampp\htdocs\Symfony\app\console propel:model:build

php C:\xampp\htdocs\Symfony\app\console propel:database:create

php C:\xampp\htdocs\Symfony\app\console propel:sql:build

* **How to install Git bash (Command line interface)**

Open your account on Github.com

git config --global user.name "username"

git config --global user.email "emailid"

Do visit this site before you ahead=>>>> <https://help.github.com/articles/https-cloning-errors>

\*\*Create repository GIT

a) Create manually repository on github.com

b) Run following commands

1) mkdir ~/Hello-World

2) cd ~/Hello-World

3) git init

4) touch README

5) git add README

6) git commit -m 'first commit'

7) git remote add origin <https://github.com/username/Hello-World.git>

8) git push origin master

9) Enter username and password for git

Change base path for git bash

Right click on git bash icon => go to shortcut => Change start in Directory C:\xampp\htdocs\Symfony\src\Acme

**Symfony**

**a) Use session in symfony**

Include

=Symfony sessions are designed to replace several native PHP functions. Applications should avoid using session\_start(),

session\_regenerate\_id(), session\_id(), session\_name(), and session\_destroy() and instead use the APIs in the following section.

use Symfony\Component\HttpFoundation\Session\Session;

$session = new Session();

$session->start();

$session->set('name', 'Drak');

$session->get('name');

$session->remove('user\_id');

**b)Create bundle through composer**

php C:\xampp\htdocs\Symfony\app\console generate:bundle --namespace=Acme/APIBundle format=yml

**c)Generate Entity through composer**

php C:\xampp\htdocs\Symfony\app\console doctrine:generate:entity

php C:\xampp\htdocs\Symfony\app\console doctrine:schema:update --force

**d)Create a database through composer**

php C:\xampp\htdocs\Symfony\app\console doctrine:database:create

**e) Some Symfony and doctrine syntax**

Form redirection {{path('plan\_mainpage')}}

plan\_mainpage:

pattern: /main/

defaults: {\_controller:PlanBundle:Default:main}

* Render html

return $this->render('PlanBundle:Default:plans.html.twig');

}

* Extend another page in twig

{% extends 'PlanBundle:Default:base.html.twig' %}

**F) Linking to the other pages**

\_welcome:

pattern: /

defaults: { \_controller: AcmeDemoBundle:Welcome:index }

<a href="{{ path('\_welcome') }}">Home</a>

**e) Include the CSS and Js file and img src**

<img src="{{ asset('images/logo.png') }}" alt="Symfony!" />

{% block stylesheets %}

<link href="{{ asset('/css/main.css') }}" type="text/css" rel="stylesheet" />

{% endblock %}

{% block javascripts %}

<script src="{{ asset('/js/main.js') }}" type="text/javascript"></script>

{% endblock %}

**f) body block**

{% block body %}

{% endblock %}

**g) for loop**

{% for entry in blog\_entries %}

{% endfor %}

**h)Insert into the database**

$task = new Task();

$task->setName(‘A sample example’);

$task->setDate(new \DateTime('2013-05-05'));

$em = $this->getDoctrine()->getManager();

$em->persist($task);

$em->flush();

**i)Clear the symfony cache**

php C:\xampp\htdocs\Symfony\app\console cache:clear

**j)Update the schema**

php C:\xampp\htdocs\Symfony\app\console doctrine:schema:update --force

* **How to configure putty for amazon ec2 instance**
* Download putty

<http://www.chiark.greenend.org.uk/~sgtatham/putty/download.html>

* Click on putty.exe

In session -> logging

Enter hostname /ip address of your amazon instance

In SSH -> AUTH

Browse the private key for the authorization .ppk file

Save the session and Click on open

* **How to create another virtual hosts. And change document root**

sudo mkdir /var/www/blog { Create a directory }

sudo cp /etc/apache2/sites-available/default /etc/apache2/sites-available/blog { copy to sites-available folder }

sudo vi /etc/apache2/sites-available/blog { Edit that file } [ Add /Change document root ]

sudo a2ensite blog { Enable the site }

sudo a2dissite default { Disable the site }

sudo /etc/init.d/apache2 restart { Restart the apache }

* **How to install the wordpress on ubuntu**

sudo wget http://wordpress.org/latest.tar.gz { to download rar }

sudo tar xzf latest.tar.gz wordpress { to extract }

sudo apt-get purge wordpress { To remove }

* **Install LAMP on amazon ec2 ubuntu 13.04**

sudo apt-get update

sudo apt-get upgrade

**Apache:** sudo apt-get install apache2

**MySql:** sudo apt-get install mysql-server mysql-client

**Restart Apache** /etc/init.d/apache2 restart

**phpMyAdmin:** sudo apt-get install phpmyadmin

* **Install and configure WinScp with amazon ec2 instance**
* Visit the link <http://winscp.net/eng/download.php>
* Download and open it
* Add the host name / ip address in Session category | Enter username | browse ppk key
* Save that Session and Login !!!

Sudo ./app/console cache:clear –env=prod

Sudo chmod –R 0777 app/cache