Start a New Zend Framework 1 Project

XAMPP makes it easy to start developing with PHP, and Zend Framework is one of the most popular PHP development frameworks. This guide walks you through the process of initializing a new Zend Framework 1 project with XAMPP.

NOTE This guide assumes that the new Zend Framework application will be accessible at the URL http://localhost/myapp/.

1. Open a new Linux terminal and ensure you are logged in as root.
2. Within your XAMPP installation directory (usually */opt/lampp*), create a new directory named *apps/* (if it doesn't already exist). Then, within this new *apps/* directory, create a directory to hold your Zend Framework application and its related XAMPP configuration files. In this case, call the directory *myapp/*.

```
cd /opt/lampp
mkdir apps
mkdir apps/myapp
```

3. Download the latest version of the Zend Framework 1 minimal package as a ZIP or TGZ archive.
4. Extract the contents of the archive to the *myapp*\ directory. This will produce a *ZendFramework-[x.y]-minimal.zip*\ subdirectory in the *myapp*\ directory. Rename this newly-created subdirectory to *htdocs*.

```
cd /opt/lampp/apps/myapp
tar -xzf /tmp/ZendFramework*.tar.gz
mv ZendFramework* htdocs
```

NOTE This new *htdocs* directory will be the main working directory for your Zend Framework project.

5. Next, within the *myapp/* directory, create a new *conf/* subdirectory.

```
cd /opt/lampp/apps/myapp
mkdir conf
```

   a. Within the new *conf/* subdirectory, use your text editor to create and populate a file named *httpd-prefix.conf* with the following content:

```
Alias /myapp/ "/opt/lampp/apps/myapp/htdocs/public/"
Alias /myapp "/opt/lampp/apps/myapp/htdocs/public"
Include "/opt/lampp/apps/myapp/conf/httpd-app.conf"
```

   b. Within the *conf/* subdirectory, also create and populate a file named *httpd-app.conf* with the following content:

```
<Directory /opt/lampp/apps/myapp/htdocs/public>
  Options +FollowSymLinks
  AllowOverride All
  Require all granted
</Directory>
```

6. Edit the *httpd-xampp.conf* file in the *etc/extra/* subdirectory of your XAMPP installation directory and add the following line at the end to include the *httpd-prefix.conf* created earlier.

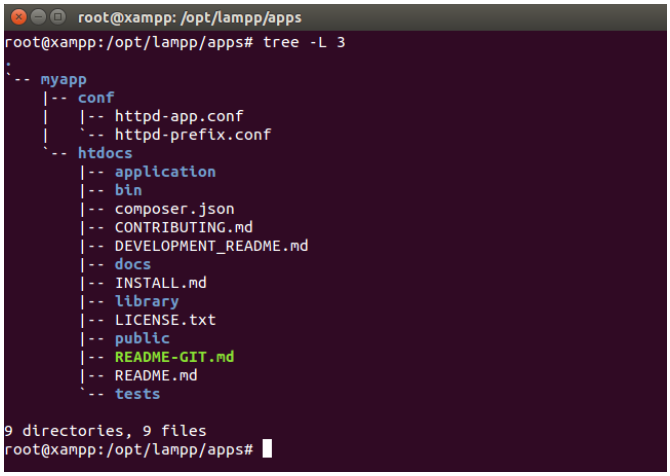
```
Include "/opt/lampp/apps/myapp/conf/httpd-prefix.conf"
```

> **NOTE** Remember to update the above file and directory paths so that they're valid for your system.

7. Change to the *myapp/htdocs/* directory and run the following commands to create a new stub project.

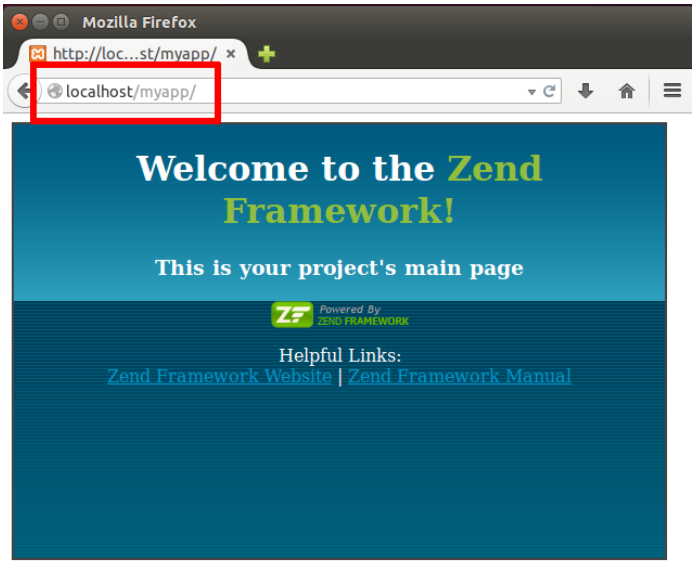
```
/opt/lampp/bin/php bin/zf.php create project .
```

8. Check that you have a directory structure like this:



9. Restart the Apache server using the XAMPP control panel.

You should be able to access the Zend Framework skeleton application by browsing to http://localhost/myapp. Here's what the default welcome page looks like:



You can now begin developing your Zend Framework application by modifying the skeleton application code. For more information, refer to the Zend Framework documentation.