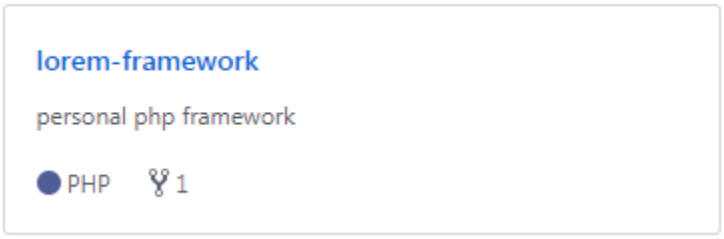
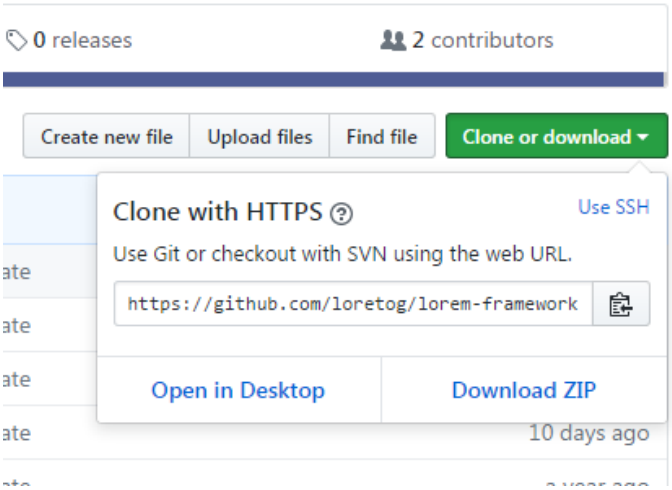
Lorem Framework Tutorials – Part 1

I - Download

You can download the framework by following the link: https://github.com/loretog. Look for the “lorem-framework” link



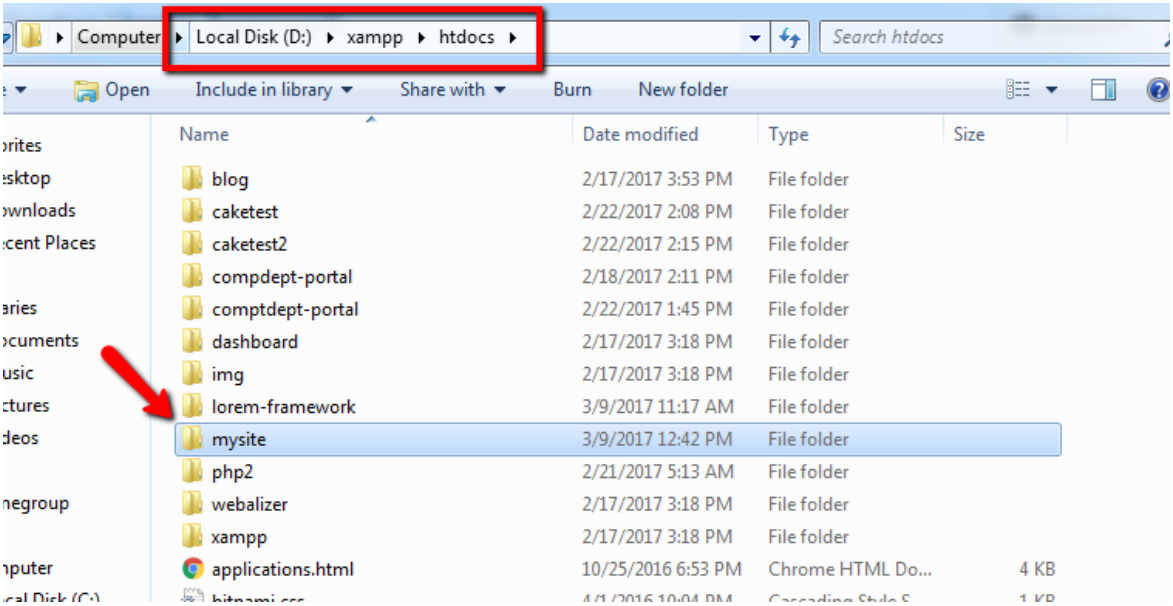
and just click the “Clone or download” button then click “Download zip”



II - Installation

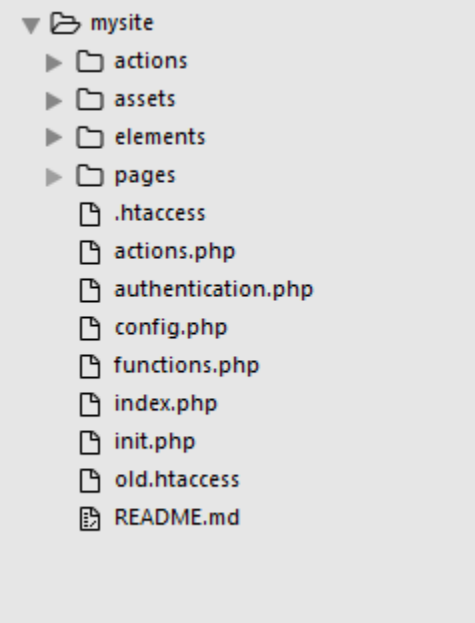
Once downloaded, you’ll receive a file called “lorem-framework-master.zip”. Extract the file and you’ll get a folder “lorem-framework-master” inside the folder there is another folder with the same name (lorem-framework-master).

Rename that folder to “mysite” and copy/paste it in your XAMPP’s htdocs.


Computer
Local Disk (D:)
xampp
htdocs
Search htdocs
Open
Include in library
Share with
Burn
New folder
Name
Date modified
Type
Size
blog 2/17/2017 3:53 PM File folder
caketest 2/22/2017 2:08 PM File folder
caketest2 2/22/2017 2:15 PM File folder
compdept-portal 2/18/2017 2:11 PM File folder
comptdept-portal 2/22/2017 1:45 PM File folder
dashboard 2/17/2017 3:18 PM File folder
img 2/17/2017 3:18 PM File folder
lorem-framework 3/9/2017 11:17 AM File folder
mysite 3/9/2017 12:42 PM File folder
php2 2/21/2017 5:13 AM File folder
webalizer 2/17/2017 3:18 PM File folder
xampp 2/17/2017 3:18 PM File folder
applications.html 10/25/2016 6:53 PM Chrome HTML Do... 4 KB

III - Folder Structure

This is an overview of the file structure of the framework, each files and folders has it's own purpose and functionality:



1. **actions** – this is where all processes or logical execution are done (database CRUD, calculations, etc)
2. **assets** – site resources are added here (css, js, images, etc)
3. **elements** – reusable content, can be added anywhere in your pages
4. **pages** – all pages of your site
5. **.htaccess** – apache configuration file
6. **actions.php** – controls which action or request are executed
7. **authentication.php** – manages your login/logout
8. **config.php** – contains your configurations such as database login details, etc
9. **index.php** – the main file and the point of entry of your site. All requests goes here first
10. **init.php** – variables are initialized here such as your $DB object (connects to your MySQL)

IV - Creating Pages

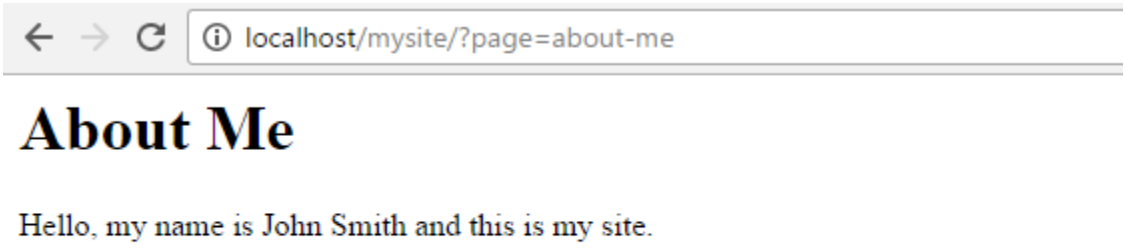
Pages are essential in the framework, this is where your users/visitors interacts. To create a page, just create a php file under the **pages** folder. The framework will automatically treat the file as a single page, to access the page you will have to use the URL with this format *site_url/**?page=file_name***. In our case, site_url is **localhost/mysite**.

In this example, let's try to create a page called "About Me".

First, create a file called "about-me.php" in your "pages" folder and add these codes:

```
<h1>About Me</h1>
<p>Hello, my name is John Smith and this is my site.</p>
```

Once you've saved the file, open your browser and enter this url "**localhost/mysite/?page=about-me**":



V - Elements

The frame has what I call Elements. Try to think them function, you can reuse it many times. It's a small part or section of your code that you can add in your **pages**. You can use elements to divide your page content (heading, footing, menu, sidebar, etc.), these elements are saved under the **elements** folder.

To use an Element, you need to create a php file under the elements folder and use the element() function and pass the file name (without extension file) as a parameter.

Let's make one! Create a file called "login.php" and add these codes:

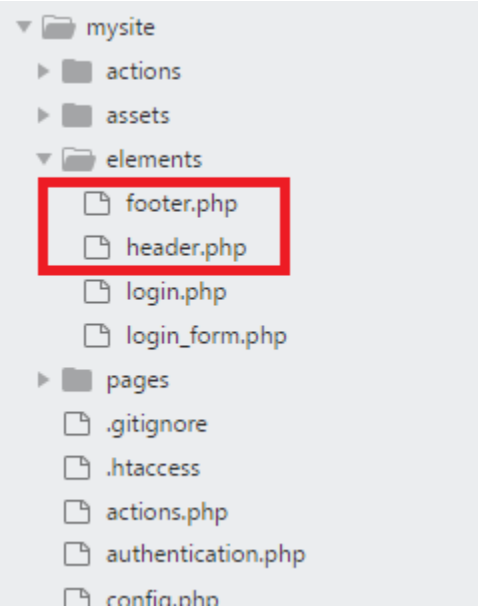
```
<form method="post">
	<label>Username: </label>
	<input type="text" name="username"><br>
	<label>Password: </label>
	<input type="password" name="password"><br>
	<input type="submit" value="Login">
</form>
```

Now, let's add this element to one of your page. Open "about-me.php" in your pages folder (/pages/about-me.php). Then update the code with these codes:

```
<h1>About Me</h1>
<p>Hello, my name is John Smith and this is my site.</p>
<?php element( 'login' ); ?>
```

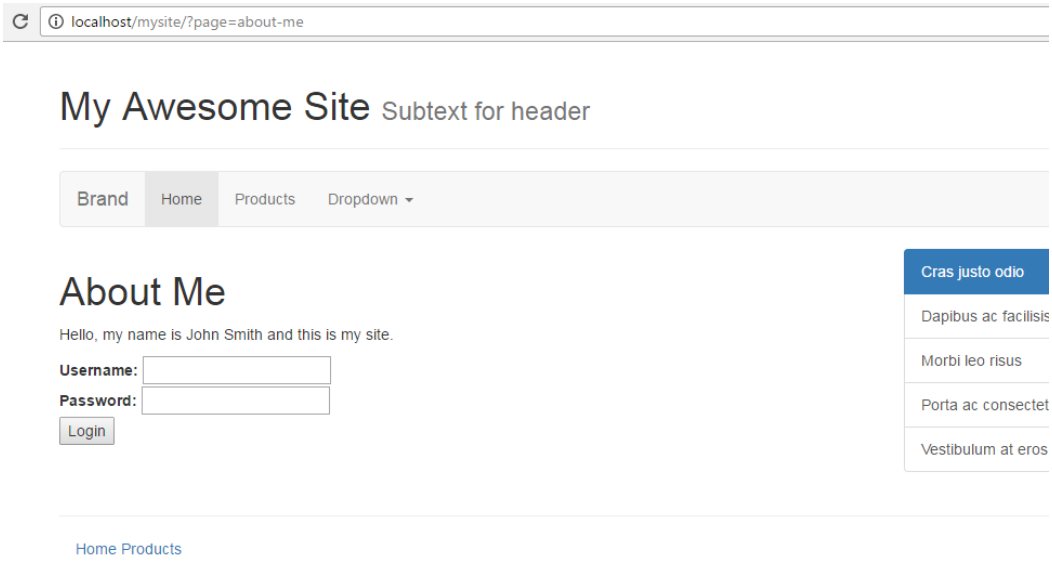
Save the file and open your About Me page in the browser (***localhost/mysite/?page=about-me***)

The site looks awful right now, let's try to make it look nice. In your elements folder, there are two element files ready to use.



In this tutorial I will not cover or explain the contents of these elements, you might want to check the codes of these elements for yourself or you can create your own header and footer.

Update your "**about-me.php**" and add these codes:

```
<?php element( 'header' ); ?>
<h1>About Me</h1>
<p>Hello, my name is John Smith and this is my site.</p>
<?php element( 'login' ); ?>
<?php element( 'footer' ); ?>
```

Then refresh your browser and your site should look like this