

Instructions:

Everything you need to know to get started

Pre-requisites

Have XAMPP installed with a working MySQL database. It is also recommended to run PHP 5.4 or newer to work with all codeigniter functions

Configuration

- Open the file Campfire/application/config/database.php in your preferred text editor and enter the correct 'hostname', 'username', and 'password' for your database/machine and save the file.
 - ****If you change this, please revert back to original before pushing to github****

Creating the Database

1. From the terminal login to mysql: “mysql -u root -p”
2. At the prompt type: “source /your_absolute_path/Campfire/SQL/campfire.sql”

Where to put the Campfire folder

1. Place the Campfire folder and its contents into the directory on your machine dedicated to the webserver. These are the typical default locations:
 1. Windows: xampp\htdocs\
 2. Mac: /Applications/XAMPP/xamppfiles/htdocs/
 3. Linux: /opt/lampp/htdocs/

Development

1. The only folders you ever really need to work with once config is done are:
 - (a) **Models** : Campfire/application/models/
 - These should be the ONLY files directly interacting with the DB
 - (b) **Views** : Campfire/application/views/
 - These are PHP files that contain HTML to draw the view to the browser
 - (c) **Controllers** : Campfire/application/controllers/
 - Controllers for the Views. Should generally be 1:1 relation. PHP files and Capitalized
 - These files validate data coming from forms in HTML and prepare data for the database
 - (d) **Assets** : Campfire/assets/
 - The files labeled “custom.css” and “custom.js” are for our custom code
 - (e) **Images** : Campfire/img/
 - This folder is for graphics and images
2. All other folders and files are generally created by the Bootstrap framework and the CodeIgniter framework and should NOT be modified unless you know what you are doing...
3. Note that you NEVER modify any of the index.html files
4. Ignore the following files, but leave them there
 - Campfire/application/controllers/Welcome.php
 - Campfire/application/views/welcome_message.php

Running the Web Application on your local machine

- Open your favorite web browser and type in the following url to access the home page:
 - <http://localhost/Campfire/index.php/home>
- Use the website like any normal website!!