Chat-Igniter

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Thank you for purchasing my script, if you have any questions that are beyond the scope of this documentation, please feel free to email me via the email provided above.

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Introduction

Chat-Igniter is a web-based chat system implemented using CodeIgniter framework and twitter bootstrap. It uses JQuery and MYSQL database. Chat-Igniter system will give your CodeIgniter site users the chance to quickly send private messages to each other just like facebook or gtalk. Chat-Igniter uses AJAX so that users don't have to refresh your page to view the messages.

Requirements

Chat-Igniter can be installed on any PHP enabled web server that can connect to a MySQL database. This includes shared servers, dedicated servers, and local installations running on Linux, Unix, BSD, Mac OS X, and Microsoft Windows operating systems. The requirements to have Chat-Igniter up and running are: -

- Web Server
- PHP
- MySQL Database Server

Pre-installation Steps

Chat-Igniter is a web based solution that needs its relevant files to exist on the web server. The files can be copied to the web server by extracting the download package on your computer and uploading its contents to the web server via FTP, or by copying the download package to the web server directly and extracting its contents there.

The contents of the download package need to be copied to the public HTML directory the web server is serving from.

Examples of public HTML directories are:

- /home/chat/public_html/
- /srv/www/htdocs/
- /usr/local/htdocs/
- /var/www/vhosts/chat.com/httpdocs/

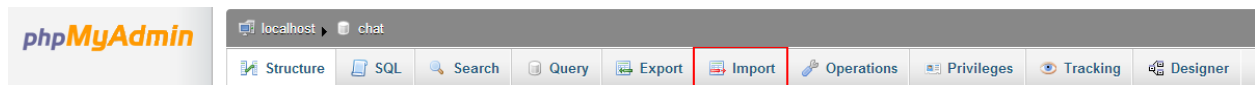The contents of the download package once extracted are:

- application (directory)
- system (directory)
- assets(directory)
- chat.sql (dump file)
- documentation.pdf
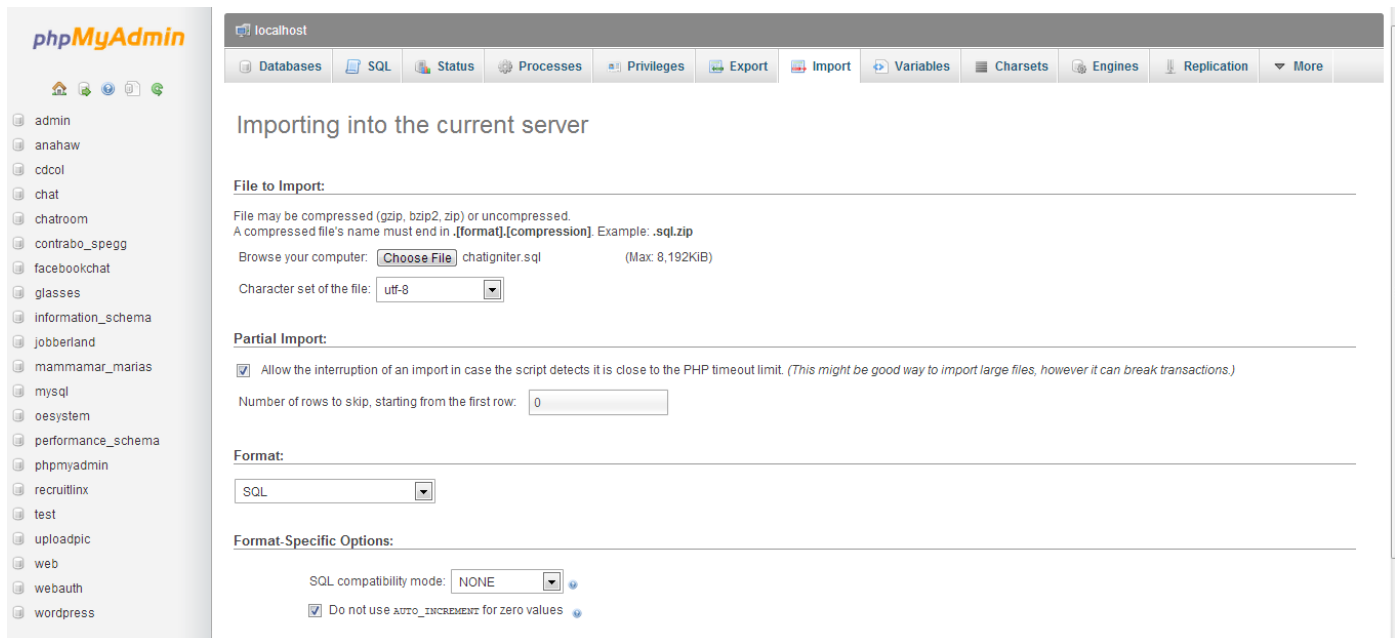- index.php

Database configuration

First we need to have our database ready, visit your MySQL database server and IMPORT our dump file (chatigniter.sql), this will create the database and the tables and populate the tables with the test users. You can use PHPMYADMIN to do this.
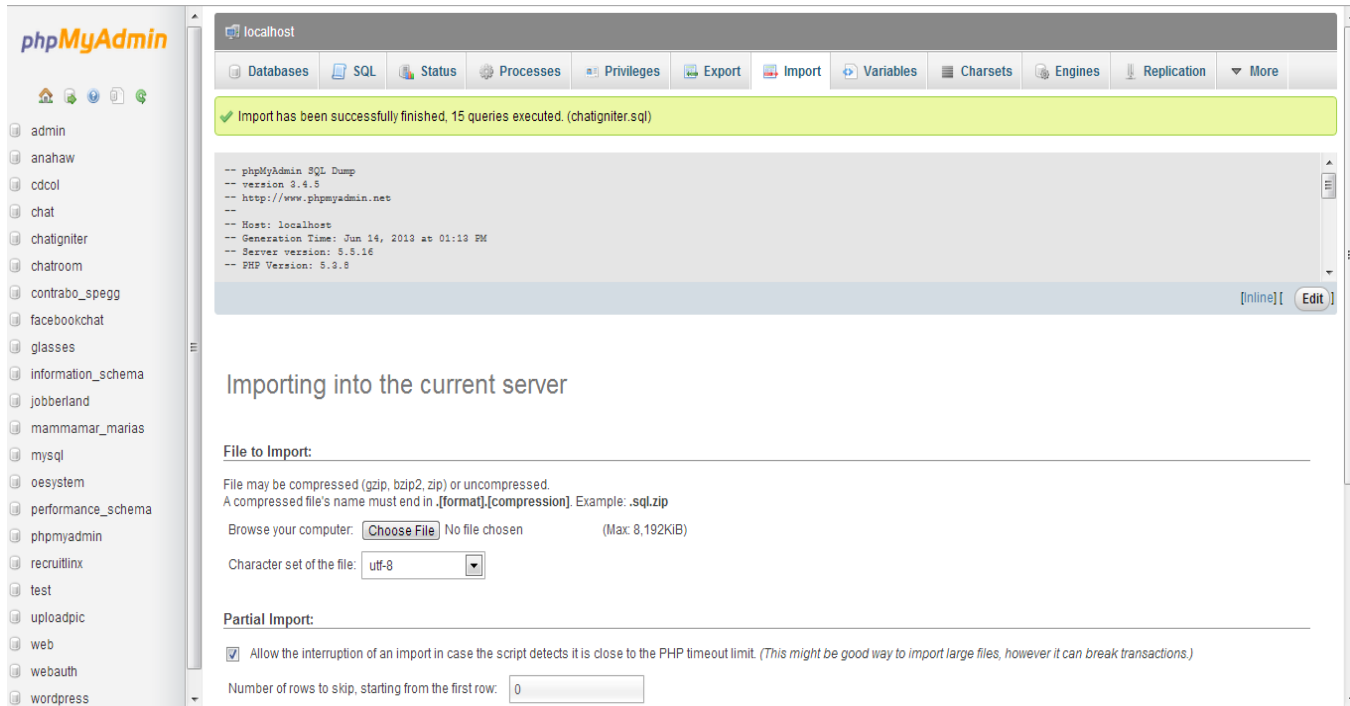
Importing the dump file.

Open PHPMYADMIN and then click on import as shown below

Then choose the chatigniter.sql file by clicking the choose file button as show below

Finally click on go button at the bottom of the page and the tables will be created and populated with the default records. You should see the success message like the one shown below.

phpMyAdmin

localhost

Databases | SQL | Status | Processes | Privileges | Export | Import | Variables | Charsets | Engines | Replication | ▼ More

✔ Import has been successfully finished, 15 queries executed. (chatigniter.sql)

```
-- phpMyAdmin SQL Dump
-- version 3.4.5
-- http://www.phpmyadmin.net
--
-- Host: localhost
-- Generation Time: Jun 14, 2013 at 01:13 PM
-- Server version: 5.5.16
-- PHP Version: 5.3.8
```

[Inline] [[Edit]]

admin
anahaw
cdcol
chat
chatigniter
chatroom
contrabo_spegg
facebookchat
glasses
information_schema
jobberland
mammamar_marias
mysql
oesystem
performance_schema
phpmyadmin
recruitlinx
test
uploadpic
web
webauth
wordpress

Importing into the current server

File to Import:

File may be compressed (gzip, bzip2, zip) or uncompressed.
A compressed file's name must end in .[format].[compression]. Example: .sql.zip

Browse your computer: [Choose File] No file chosen   (Max: 8,192KiB)

Character set of the file: [utf-8 ▼]

Partial Import:

☑ Allow the interruption of an import in case the script detects it is close to the PHP timeout limit. *(This might be good way to import large files, however it can break transactions.)*

Number of rows to skip, starting from the first row: [0]

Config.php settings

You will need to change *database settings* and *base url* in the *application/config/config.php* file. Change the line highlighted below to the one that matches your domain

```php
2    ob_start();
3    //error_reporting(0);
4
5    error_reporting(E_ALL);
6    /*
7    |--------------------------------------------------------------------------
8    | Base Site URL
9    |--------------------------------------------------------------------------
10   |
11   | URL to your CodeIgniter root. Typically this will be your base URL,
12   | WITH a trailing slash:
13   |
14   |    http://example.com/
15   |
16   | If this is not set then CodeIgniter will guess the protocol, domain and
17   | path to your installation.
18   |
19   */
20   $config['base_url'] = 'http://localhost/chat/';
21   $config['site_name'] = "Chat-Igniter System";    // new
22
23   /*
24   |--------------------------------------------------------------------------
25   | Index File
26   |--------------------------------------------------------------------------
27   |
28   | Typically this will be your index.php file, unless you've renamed it to
29   | something else. If you are using mod_rewrite to remove the page set this
30   | variable so that it is blank.
31   |
32   */
33   $config['index_page'] = 'index.php';
34
```

Then change the database *user, password, name* and **host** at the bottom of *config.php* file to match the ones you are using as shown below.

```
348
349
350  /*
351  |--------------------------------------------------------------------------
352  | Reverse Proxy IPs
353  |--------------------------------------------------------------------------
354  |
355  | If your server is behind a reverse proxy, you must whitelist the proxy IP
356  | addresses from which CodeIgniter should trust the HTTP_X_FORWARDED_FOR
357  | header in order to properly identify the visitor's IP address.
358  | Comma-delimited, e.g. '10.0.1.200,10.0.1.201'
359  |
360  */
361  $config['proxy_ips'] = '';
362
363
364  /* End of file config.php */
365  /* Location: ./application/config/config.php */
366
367
368  $config['hostname']     = "localhost";
369  $config['db_username']  = "root";
370  $config['db_password']  = "";
371  $config['db']           = "chat";
372
373  $config['max_upload_size'] = '2024';
374
375
```

Open application/views/chat/chat.php and put the server, database details there and save it.

```
1    define ('DBPATH','localhost');
2    define ('DBUSER','root');
3    define ('DBPASS','');
4    define ('DBNAME','codeigniter');
```

And that's it, Chat-Igniter is configured and can be accessed via your web browser. Login using the sample users listed on the homepage and enjoy chatting.

Feel free to customize the script in whichever way that suits your requirements.

CSS files

There are four CSS files used, they are contained in *application/assets/css* folder:-

1. bootstrap.css
2. bootstrap-responsive.css
3. custom.css

JavaScript files

The script imports the following JavaScript files and libraries contained in *application/assets/js* folder:-

1. bootstrap.js
2. chatigniter.js
3. jquery-1.8.2.min.js
4. validationEngine library

Once again, thank you so much for purchasing this script. As I said at the beginning, I'd be glad to help you if you have any questions relating to this script. No guarantees, but I'll do my best to assist. I will also be updating the script every now and then so watch this space ;)

Enjoy and best of luck!

Sam Karanja