HowTo set up your own BuddyCon-Web-Service

Revision: 1.0 (19.10.2012) by crypt3x

Content

Before we can start…

In order to setup and use the BuddyCon Web-Service on your own server/webhost please check that your server/webhost allows you to use PHP5-Scripts and a MYSQL-database. If you want to upload the screenshots directly to your server you will also need some storage-space for the images.

Step 0 – Connect to Server (optional)

Connect to your Webhost/Server via SSH.

If you are running a Linux™-OS just open a terminal and type in:

```
 $~> ssh user@server
```

If you are running a Windows™-OS you will need an SSH-Client to connect to your server.

I would recommend the Putty-tool for that:
http://www.chiark.greenend.org.uk/~sgtatham/putty/download.html.

Step 1 – Get the files

If you are connected via SSH:

Go to the directory where your HTML-files are stored (i.e. /var/www or /var/www/virtual/crypt3x/html in my case), create a new subdirectory (i.e. "buddycon") and then check out the repository using the GIT-commandline-utility:
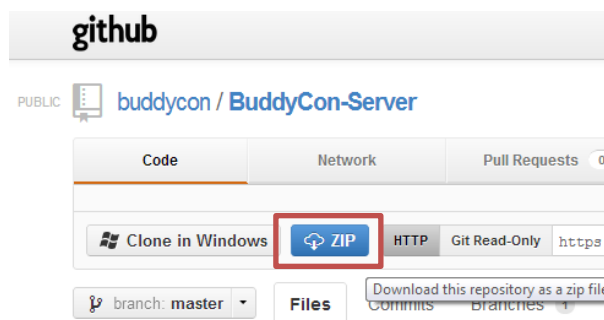
```
 $~> cd /var/www
 $~> mkdir buddycon
 $~> cd buddycon
 $~> git clone https://github.com/buddycon/BuddyCon-Server .
```

The directory-content should now look like this:

```
[crypt3x@lynx test]$ ls -l
total 28
drwxr-xr-x  2 crypt3x crypt3x 4096 Oct 18 23:59 assets
-rw-r--r--  1 crypt3x crypt3x 3472 Oct 18 23:59 buddy.sql
drwxr-xr-x  2 crypt3x crypt3x 4096 Oct 18 23:59 css
-rw-r--r--  1 crypt3x crypt3x  464 Oct 18 23:59 index.php
drwxr-xr-x 11 crypt3x crypt3x 4096 Oct 18 23:59 protected
-rw-r--r--  1 crypt3x crypt3x    0 Oct 18 23:59 README.md
drwxr-xr-x  3 crypt3x crypt3x 4096 Oct 18 23:59 themes
drwxr-xr-x  3 crypt3x crypt3x 4096 Oct 18 23:59 yii
```

If you are not using SSH:

Open the URL https://github.com/buddycon/BuddyCon-Server in your web-browser. Then click on the Button with the little "cloud + arrow"-icon to download the files as a ZIP-Archive:

Then extract the archive and upload the files via FTP to your server by using an FTP-Client (i.e. FileZilla: http://www.filezilla.de/)
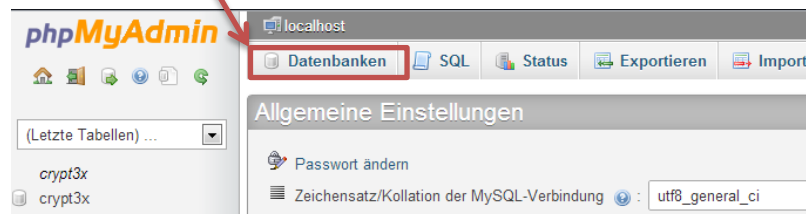
Step 2 – Create the database (optional)

NOTE: This step is optional due to the fact that many webhosts will give you ONE database. In that case you'll have no other choice than using that database. If this applies to you, please directly continue with the next step.

Now that we have all the necessary files, we need to create the MYSQL-database and -tables.
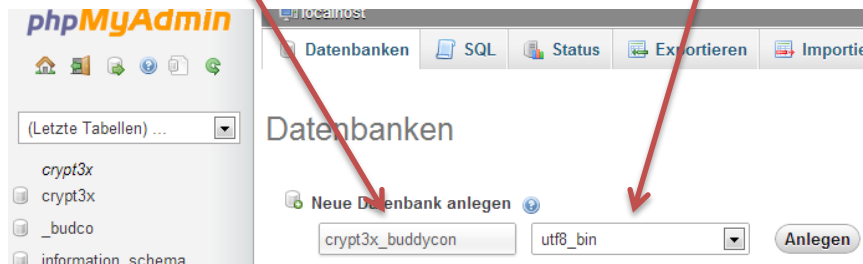
I will show you how to do that by using the phpMyAdmin tool. Of course you can use any other tool of your choice.
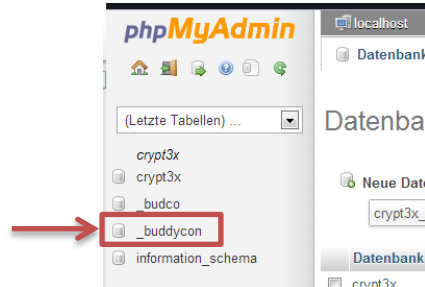
1) Log in into phpMyAdmin

2) Go to the "Database"-Page

3) Create a new Database

Set a name for the new database and change the collation to "utf8-bin". Then click on "create" to finish.

Step 3 – Create the database-tables

Now we have to create our database tables. Select the Database from the list on the left pane (click on the name).

You should now see the database-details. Switch to the "Import"-pane and select the "buddy.sql" file to upload (The sql-file is also stored in the GIT-Repository).

The file contains all information for MYSQL to create the required tables.

Check that all other options on this page are set as shown below, then start the import.

If the import was successful a green information-bar will show up at the top of the page, saying that 11 requests were executed. In addition to that, you should see the created tables on the left pane.

Step 4 – Configure the database-connection

The PHP-Scripts need to know where the database is located, this is done in the "main.php"-file. It is located at [MY_BUDDYCON_DIR]/protected/config/main.php.

Open the file with a text-editor and go to line 65.

If you are connected via SSH:

```
$~> nano [MY_BUDDYCON_DIR]/protected/config/main.php
```

If you are not using SSH:

Download the file to your local system, edit it and then upload it again via FTP (overwrite the original file on your server).

```
'db'=>array(
    'connectionString' => 'mysql:host=localhost;dbname=db',
    'emulatePrepare' => true,
    'username' => 'user',
    'password' => 'pass',
    'charset' => 'utf8'
),
```

You'll have to change the following parameters:

- dbname=db -> set to the database-name you have used during step 2
- username -> set to the mysql-database-username
- password -> set to the mysql-database-user-password

Step 5 – Test It!

Open the URL http://[MYDOMAIN.COM]/[MY_BUDDYCON_DIR]/index.php?r=user/create in your web-browser.

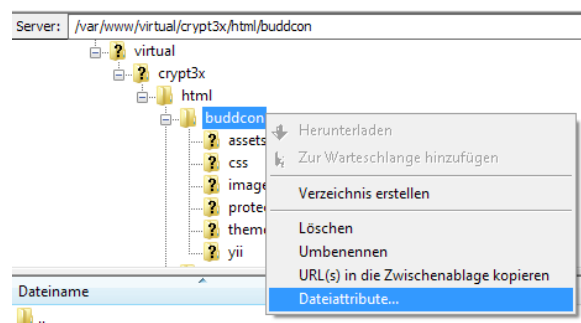If everything is set up properly you should now be able to create a new user.

If you can do so without getting any errors the setup was successful. For security reasons you should change the access-permissions for the folders "assets" and "protected/runtime" to "755".

If you are connected via SSH:

```
$~> cd [MY_BUDDYCON_DIR]
$~> chmod 755 assets
$~> chmod 755 protected/runtime
```

If you are not using SSH:

You can also change the permissions via your FTP-Client. The following pictures are showing the FileZilla FTP-client but any other tool should have this functionality as well.
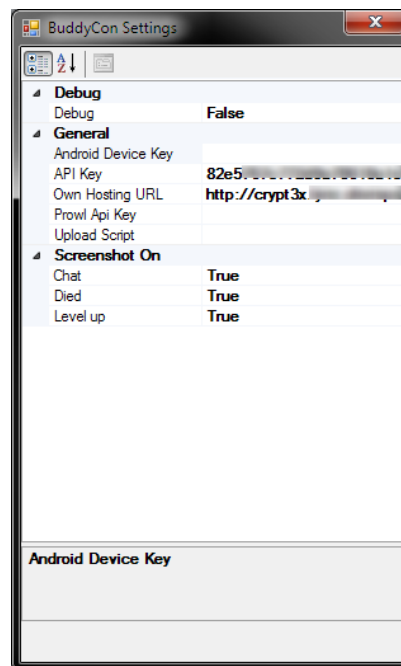
Step 6 – Configure the Plugin

Last but not least we have to reconfigure the BuddyCon-Plugin in Honorbuddy.

Don't forget to download the current version from the SVN (Picture shows plugin-version 1.0.53) - older plugin-versions won't work!

Login into your BuddyCon-Web-Service and generate a new API-Key.

Set the API-Key and the URL to your website in the plugin-options:

The URL you have to use looks like: "http://MYDOMAIN.com/MY_BUDDYCON_DIR/index.php?r=api"

That's it!

You are now hosting your own BuddyCon Web Service.

Have Fun! ☺