How To Install EPTA

**Requirements**

|  |  |
| --- | --- |
| LAMP Stack | |
| PHP Version | 5.4 or greater (Optimal: 5.5) |
| MySQL Version | 5.4 or greater (Optimal: 5.6) |
| Apache Version | 2.4 or greater (Optimal: 2.4.9) |
| Internet Access (Queries to eBay) | |

**Install Database**

Run the db\_schema.sql file. This will install the core database and all of its required data. All other data for this database will be obtained by running the application.

NOTE: If db\_schema.sql fails, then you are using an older version of mysql, which is fine, you just need to run db\_schema\_alternate.sql instead!

**Install Code Base**

Place the code base into the directory you which to deploy from.

The core directories/files within are:

* application directory
  + Where the core of EPTA lies
  + All configuration changes will be made within here.
* htdocs directory
  + Contains the static resources for the site, stylesheets, images, etc
* system directory
  + The code igniter core, required but you will never have to touch it
* .htaccess
  + Does the url rewrites, we'll cover this in a second.
* index.php
  + Don't touch or change!

**Change Your Mod Rewrite Redirect***I'm sure you understand that this is for routing all requests through /index.php but simply showing /desired\_page in the url.*

Open .htaccess file   
(if you can't find it, check your directory display options, sometimes files starting with a period can be hidden, pending on the system.)

Change line3 which reads:  
RewriteBase /csc385/

To your desired path.

**Configuration The Application**  
*Code Ignitor (or any system for that matter) needs to know where your database is and your absolute path for resource allocation.*

Navigation to /application/config

Open config.php

Line 17 reads: $config['base\_url'] = 'http://localhost/csc385/';

You need to change the variable value to your absolute path, right up to the root of the application.

Example:

$config['base\_url'] = 'http://acad.kutztown.edu/~kkern860/csc385/epta\_root/'

Open database.php

Lines 51 - 54 read:

$db['default']['hostname'] = 'localhost';

$db['default']['username'] = 'root';

$db['default']['password'] = '';

$db['default']['database'] = 'epta\_db';

Change the values to reflect your database values, using the hostname, username, password, and database name. These values are simply what I used on my internal vps.

That's it! You are all set up to default values.

To test, try loading the absolute path in a browser. If you have error messages, then something didn't go quite right, but if you see EPTA, you'll know it is correct.

Last thing you need to do is link in your eBay application, mine is loaded in by default and should remain up for awhile, but it'd be smart to set up your own for down the line.

Open /application/config/keys

This is a custom config file for ebay resources

Line 8 - 10 are the options for ebay\_appid, ebay\_devid, ebay\_certid.

You can fill your information in there.

Tweaking the application

This can be done through /application/config/application.php

Another custom file used to set up variables for operations occurring within the application.

The file is very detailed and include recommended values for optimal experience, but you are welcome to play around all you want.

Just a warning though, this variable: $config['ebay\_pagesPerSearch'] can actually be any number, but DON'T GO TOO HIGH. The number represents the number of concurrent calls to make to ebay. It is very likely that you'll never achieve higher than 500 results for a given target, but if for some reason you find a really good keyword, having this fork too many times will result in a heavy load on your hosting server.