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How To: Set Up A Working Proxy For School

In this guide, I'll be showing you how to make a working proxy from scratch and relatively simply.

This proxy should be hard to detect and block by an company.

Note: Dephy is not responsible for your actions or result of your actions.
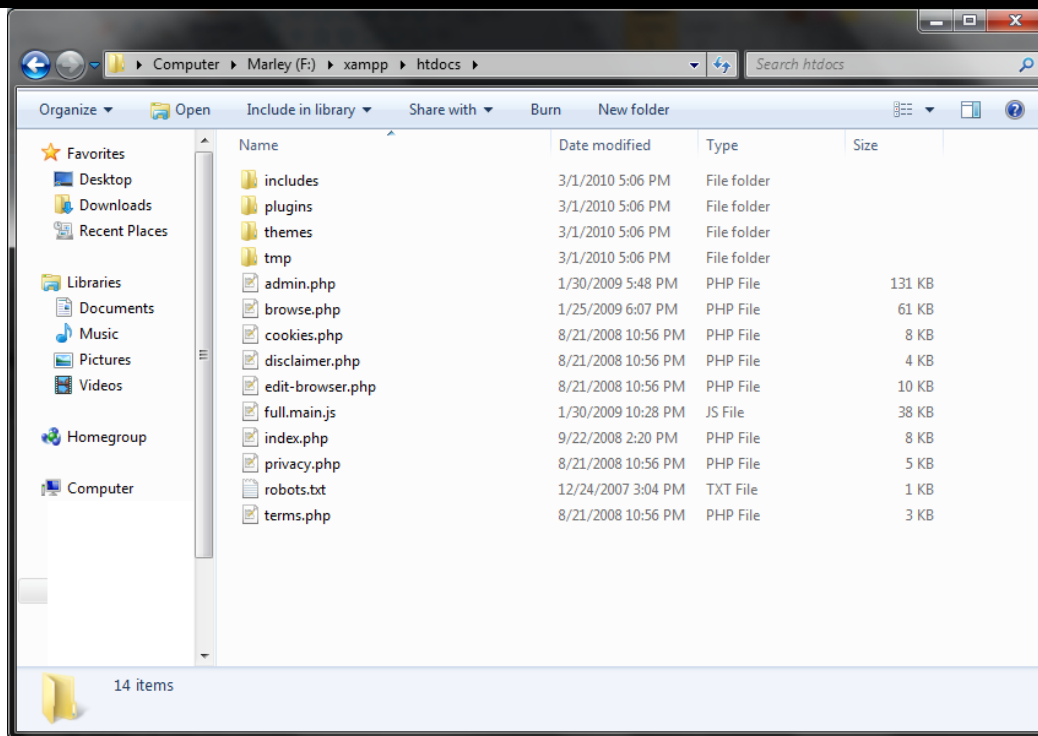
Requirements:
A decent internet connection
A decent computer

First, go to the XAMPP homepage and download the file for the correct operating system. Once you have downloaded XAMPP, go ahead and install it in whatever folder you want (preferably C:\XAMPP for Windows users).

Next, go to Glype.com's download page and download the current version. Open the .zip file you just downloaded and copy the contents from glype/upload to the the htdocs folder of XAMPP (C:\XAMPP\htdocs for Windows unless installed elsewhere).

This part is optional but recommended. Go to the extras folder of the glype download and copy them to the htdocs folder.

At this point, your htdocs folder should look like the following...

Now, go to your XAMPP folder (C:\XAMPP\ unless you changed it). Find and open the "php" folder...

Now, open up the file named "php.ini" and find the line ";extension=php_curl.dll", once you've found the line, remove the semi-colon (;) from the beginning of the line. This will activate cURL, allowing your proxy to connect to external websites.

```
943    ; default extension directory.
944    ;
945    ; Windows Extensions
946    ; Note that ODBC support is built in, so no dll is needed for it.
947    ; Note that many DLL files are located in the extensions/ (PHP 4) ext/ (PHP 5)
948    ; extension folders as well as the separate PECL DLL download (PHP 5).
949    ; Be sure to appropriately set the extension_dir directive.
950
951    extension=php_bz2.dll
952    extension=php_curl.dll
953    ;extension=php_dba.dll
954    extension=php_mbstring.dll
955    extension=php_exif.dll
956    ;extension=php_fileinfo.dll
957    extension=php_gd2.dll
958    extension=php_gettext.dll
959    ;extension=php_gmp.dll
960    extension=php_imap.dll
961    ;extension=php_interbase.dll
962    ;extension=php_intl.dll
963    ;extension=php_ldap.dll
```
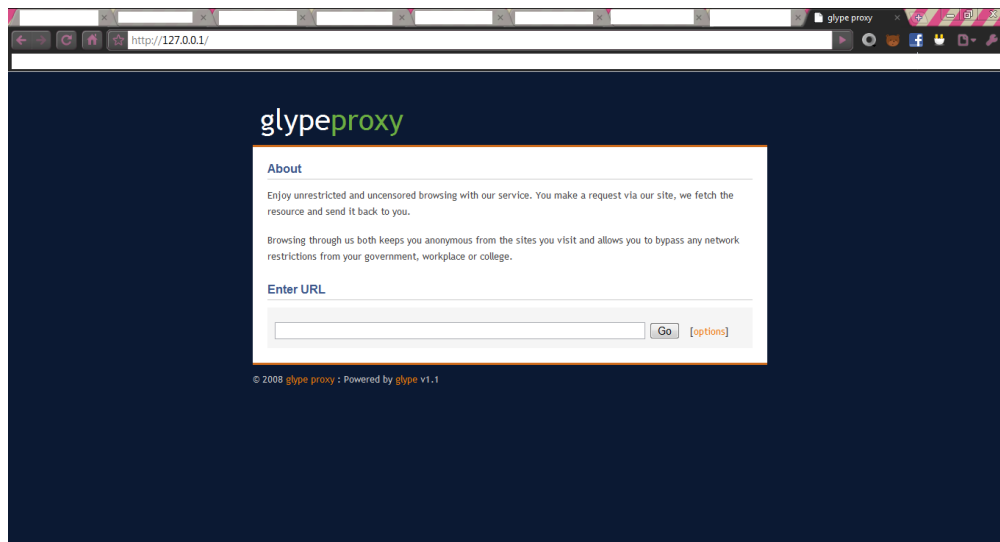
Return to the XAMPP directory and find the file named "xampp_control.exe" and open it. The following GUI will pop-up...
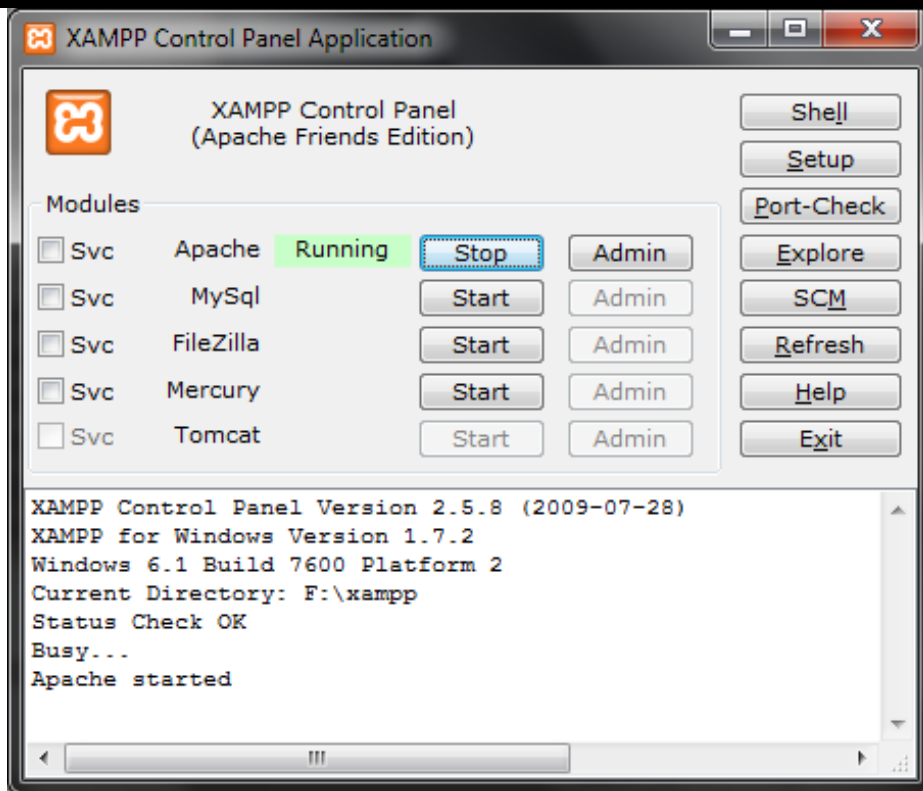
Once the program has opened, press the button labeled "Start" next to Apache. This will start the actual webserver. Now, we're going to test if the proxy and webserver work.

Open up your internet browser and type "http://127.0.0.1/" into the URL bar.

If everything is configured correctly, you should see something similar to the page above. Now, we are going to setup an easy to remember URL for your proxy using No-IP.

Travel to http://no-ip.com/ and sign-up. Once you've signed up and signed in, click Add A Host. You should now see a page similar to the following…

Hostname Information

Hostname:	awesomesauce	no-ip.biz

Host Type: ⦿ DNS Host (A) ○ DNS Host (Round Robin) ○ DNS Alias (CNAME)

○ Port 80 Redirect ○ Web Redirect

IP Address: 11.222.333.4444

Assign to Group: - No Group - ☑ Configure Groups

Enable Wildcard: Wildcards are a Plus / Enhanced feature. Upgrade Now!

You can enter in whatever you want for the hostname, as this will be your URL for the proxy. Also, if the IP Address isn't filled out by default, you can check what it is at our IP Address checker.

Now, we must change the name the script that show the pages in order to make the proxy semi-undetectable. Go to the directory containing the proxy files and find the folder named "includes" and open it. Inside, there'll be a file named "init.php", open this with a text editor and find the line "define('SCRIPT_NAME', 'browse.php');" and change browse.php to whatever you want, (example: search.php, however the name must end with .php)

```
16   /***********************************************************
17    * Initialise
18    ***********************************************************/
19
20   // Choose error reporting levels
21   error_reporting(E_ALL);
22   ini_set('display_errors', 0); // Always report but don't display on live installation
23
24   // Script name (change this if you rename browse.php)
25   define('SCRIPT_NAME', 'browse.php');
26
27   // Prefix for cookies (change if having trouble running multiple proxies on same domain)
28   define('COOKIE_PREFIX', 'c');
```

Now, go back to the folder with the proxy in it and find "browse.php", rename it to what you specified in the last step.

For those of you with a router (which most people have) you must forward ports to allow outside connections to, well, connect.

Go to PortForward.com and find your modem model and learn how to forward ports.

Search

Once you get to school, visit your No-IP URL and you should now have a proxy.

I'm so tired of writing this article, if you need anything clarified, feel free to comment.

GO

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