


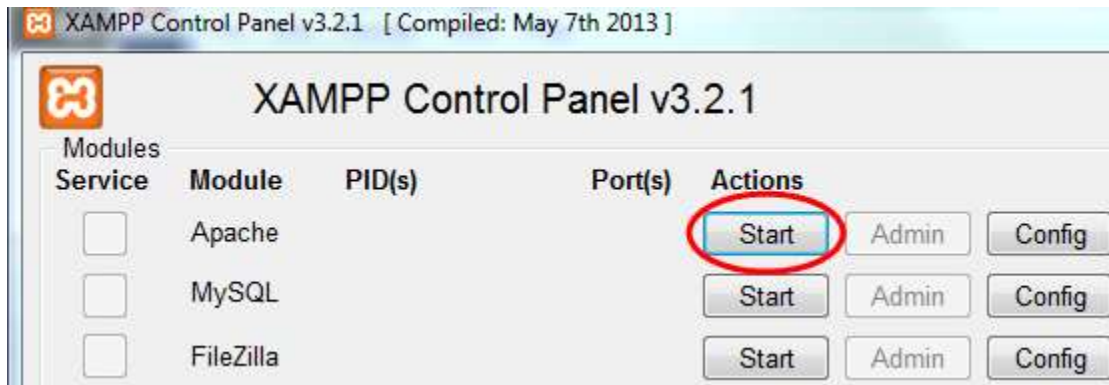
CSSE 280 – Set up XAMPP and Aptana Studio for PHP Programming

December 12, 2014. modified Sept 15, 2015.

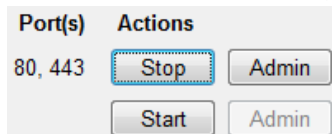
Disclaimer: There may be better ways to do some things, but the way described here seems to work.

1. Make sure that the XAMPP server works

- a. Installation of XAMPP should have added the XAMPP Control Panel to the programs in your Start Menu. This is its icon: . Otherwise, try typing xampp in the start menu search box, or find the program in C:\xampp\xampp-control.exe.
- b. Start the XAMPP Control Panel.



- c. Click the first Start button (for Apache). Port numbers should then appear at the left of the button.



- d. If this does not work, it might be a problem with the port number Apache is using (the default is 80, also used by Skype and some other programs).
 - i. If it is Skype, try this: <http://www.mydigitallife.info/disable-skype-from-using-opening-and-listening-on-port-80-and-443-on-local-computer/>.
 - ii. If it is not Skype, you might try the steps found here: <http://www.howtogeek.com/howto/28609/how-can-i-tell-what-is-listening-on-a-tcpip-port-in-windows/>
 - iii. Otherwise you can try changing the port numbers that Apache uses. <http://stackoverflow.com/questions/11294812/how-to-change-xampp-apache-server-port>
- e. If it seems to work, test it out by going to a browser and entering <http://localhost>.
 - i. If you changed Apache's port number (say, to 8080), you will need to enter <http://localhost:8080>.

You should see:



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2. Try serving a static page

- a. The default location for pages is C:\xampp\htdocs.
- b. Copy an HTML file (for example, it might be called start.html) to that folder.
- c. In your browser, <http://localhost/start.html>. You should see the page.

3. Try serving a PHP page.

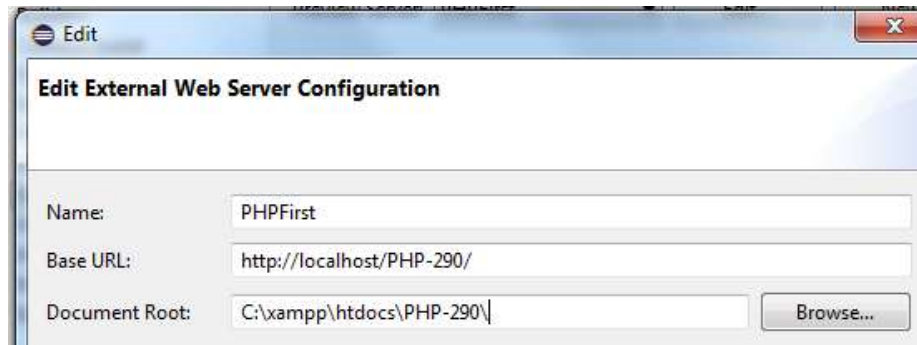
- a. In that same htdocs folder, make a file `test1.php` whose entire content is the following line
`<?php phpinfo(); ?>`
- b. IN your browser, enter <http://localhost/test1.php> (or, if you are using a different port, <http://localhost:8080/test1.php>) You should see a **lot** of info about the PHP configuration.

4. Make a new Eclipse Workspace inside htdocs.

- a. In Windows Explorer, create a new folder called PHP-280 in htdocs.
- b. In Aptana Eclipse plug-in, choose File→Switch Workspace→Other. Browse to your new folder and select it.
- c. When the new workspace window appears, click Workbench , and change the perspective to Web.

5. Make a PHP project in Aptana Studio:

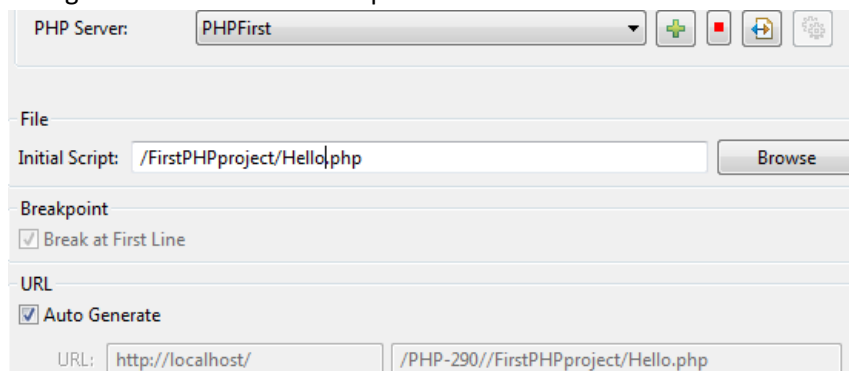
- a. From File menu, choose New ... PHP project. Call the project FirstPHPproject. Click Finish.
- b. In Project Explorer view, right-click FirstPHPproject and choose New → File. In the dialog, enter the filename `Hello.php` Press Next.
- c. Accept the default PHP template, and press Finish.
- d. Open the `Hello.php` file in the editor, and replace `phpinfo();` by `print "Hello, CSSE280";` Save the file.
- e. Try it in your browser: <http://localhost/PHP-280/FirstPHPproject/Hello.php>
- f. Configure the project. Right-click the FirstPHP project and choose Properties:
 - i. Project Natures: Make sure that PHP is checked.
 - ii. Preview Settings. Click NEW. Simple Web Server.
Fill in the form as follows (**use 280 instead of 290**):



- iii. OK.
OK.

g. Run your program

- i. Right-click and choose Run as→Run Configurations. You should see the following. If not, change it to be like this. Then press Run.



- ii. You should now see the output from your program.
- iii. As usual, if you now click the green “Play” button, it will run your program again.
 1. Modify what the program prints, save it, and click the “Play” button.