CSC 5750 – Principles of Web Technology
Using AMPPS

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XAMP stack
There are several XAMP stacks available. These instructions pertain to the XAMP stack from AMPPS.

Installing AMPPS
1) Navigate to page wamp.io/downloads.
2) Download the version appropriate to your operating system.
3) Run installation file **Ampps-N.N-setup.exe**.
4) Windows: locate file **C:\Program Files (x86)\Ampps\Ampps.exe** and create a desktop shortcut to it. This is the AAMPS Control Center.
5) Windows: locate folder **C:\Program Files (x86)\Ampps\www** and create a desktop shortcut to it. This is the web page folder.
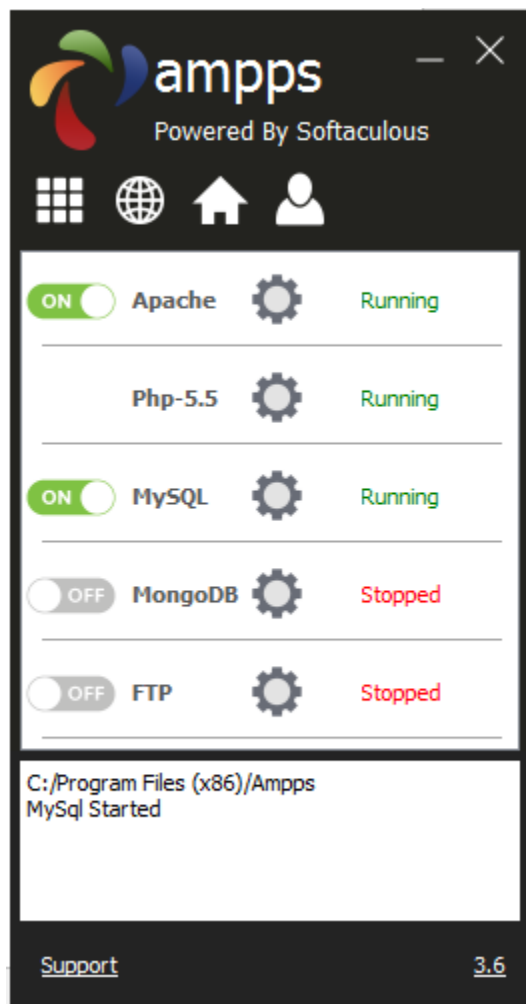
AMPPS information
● Windows: the default installation folder is **C:\Program Files (x86)\Ampps**.
● The AMPPS administration web page is available at localhost/ampps/.
● Windows: the web folder is **C:\Program Files (x86)\Ampps\www**.
● Windows: the MySQL database folder is **C:\Program Files (x86)\Ampps\mysql\data**.
● The default **root** password is **mysql**.

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Using the AMPPS Control Center
● *Starting the application* – click the AMPPS Control Center desktop icon, or run file **C:\Program Files (x86)\Ampps\Ampps.exe**. The following screen appears.

The screen shows the status of AMPPS applications.
● *Configuring a AMPPS application* – from the AMPPS Control Center, click the gear next to the application, and then click the Configuration icon.
● *Minimizing the application* – from the AMPPS Control Center, click the underscore in the upper right corner.
● Windows: *Restoring the application* – from the Windows tray, right-click the AMPPS icon, and click **Restore**.

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Starting the Apache and MySQL servers
● Starting the AMPPS Control Center triggers the start of the Apache and MySQL servers.

Correcting condition when Apache server won't start
● If the Apache server won't start from the AMPPS Control Center, insure that no other applications are using port 80.
1) Open a Windows command window.
2) Enter command **netstat -aon | findstr :80** and note the PID.
3) Open the Windows task manager.
4) End the task associated with the PID. It may be "Service Host: Internet Information Service".

Correcting condition when MySQL server won't start
● If the MySQL server won't start from the AMPPS Control Center, insure that no other applications are using port 3306.
1) Open a Windows command window.
2) Enter command **netstat -aon | findstr :3306** and note the PID.
3) Open the Windows task manager.
4) End the task associated with the PID.

Publishing a web page to the Apache server
1) Open the local folder containing the web page file.
2) Open the web folder (the default on Windows is C:\Program Files (x86)\Ampps\www).
3) Copy the web page file from the local folder to the web folder.

Browsing a web page on the Apache server
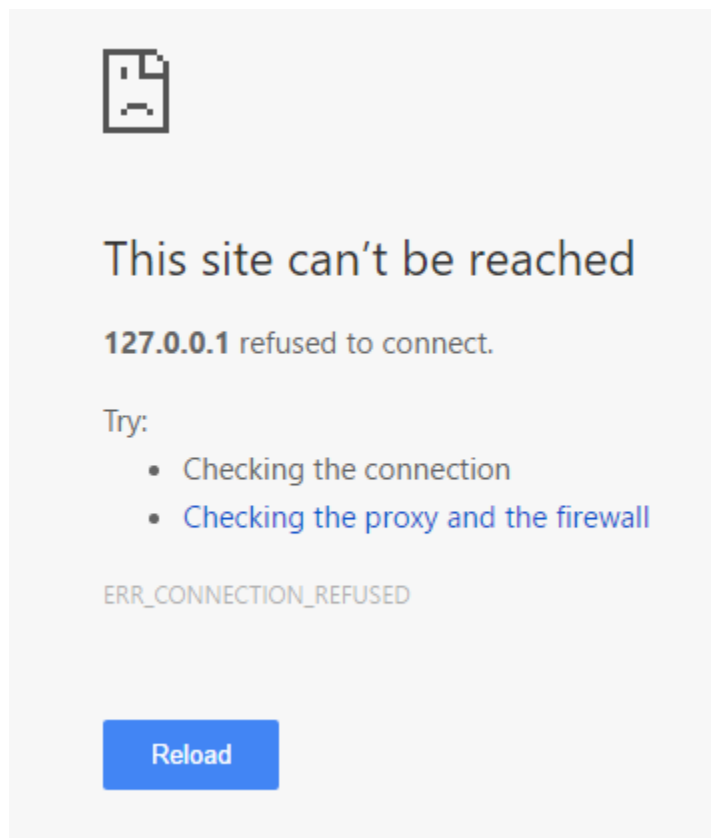From the browser, enter address:
http://localhost/<web-page-file>
OR
http://127.0.0.1/<web-page-file>

Correcting a "web site can't be reached" condition
● If the following message is seen, first insure that the Apache server is running.

This site can't be reached

127.0.0.1 refused to connect.

Try:

- Checking the connection
- Checking the proxy and the firewall

ERR_CONNECTION_REFUSED

Reload

Improving the response time of local host (127.0.0.1)
● If the local host response time is more than a few seconds:
1) Open a text editor.
2) Windows: open file **C:\Windows\System32\drivers\etc\hosts**.
2) Change the following line from:
        # 127.0.0.1   localhost
To:
         127.0.0.1   localhost
3) Save and close the file.