

## **Running Greenstone with in-built Apache Web Server**

The Windows version of Greenstone includes two server applications: server.exe and an apache web server. (Linux and Mac versions of Greenstone include only the apache web server). By default, the server.exe application is launched when you use the Windows Start menu shortcut to launch the server. To use the apache web server included with the Windows version of Greenstone, you would first have to rename the server.exe executable found in your Greenstone installation folder. Then you can run the apache web server by double-clicking the gs2-server.bat file that's also located in your Greenstone installation folder (or you can use the MS-DOS prompt to run this batch file).

By default, your Greenstone pages served using the apache web server will not be viewable from other machines. To change this, go to File > Settings in the Greenstone Server Interface dialog, and tick "Allow external connections". Click OK to save the settings, then press the Restart Library button. (\*\*)

### **Error in running gs2-server.bat ?**

If you start the web server with gs2-server.bat, you may sometimes get some error, related to a Javaclass path bug. Try using "gsicontrol.bat". This script allows you many things: change port number, start and stop the Apache web server bundled with GS, etc. It accepts many parameters like:

web-start

web-stop

web-restart

configure-admin

configure-web

configure-apache

configure-cgi

set-port

test-gsdlhome

web-stop-tested

**Do the following steps:**

- 1- In a command window, go to Greenstone install folder and run setup.bat.
- 2- Then run "gsicontrol.bat set-port". It will ask for a port number. Use 3333 (just to avoid conflicting with standard ports).
- 3- Now run "gsicontrol.bat web-start". It will run Apache web server.
- 4- Put gsdlhome value in (""") eg: "C:\Program Files\Greenstone" in gsdl-site.cfg in cgi-bin directory
- 5- In Internet Explorer write: "<http://localhost:3333>". It has to show the message "It works" indicating that Apache is running.
- 6- Write "<http://localhost:3333/greenstone/cgi-bin/library.cgi>". It has to show Greenstone main page.

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