

# Web library configuration with Greenstone 2.81: Using Apache Webserver

To use the Greenstone Web Library you will need to have a webserver installed. The following information is intended to help you configure your webserver for use with Greenstone. Particular attention is given to the Apache webserver which may be downloaded free from [www.apache.org](http://www.apache.org). Greenstone will work with other webserver too if that is your preference.

Greenstone has been set up to expect C:/Program Files/Greenstone to be accessible from your webserver at the URL <http://localhost/gsd> (localhost will of course be the usual web address of your machine if it has one). Likewise, the C:/Program Files/Greenstone/cgi-bin directory must be accessible as a cgi executable directory.

For the Apache webserver this means adding the following directives to your httpd.conf configuration file:

```
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ScriptAlias /gsdl/cgi-bin "C:/Program Files/Greenstone2/cgi-bin"  
<Directory "C:/Program Files/Greenstone2/cgi-bin">  
    Options None  
    AllowOverride None  
</Directory>  
  
Alias /gsdl "C:/Program Files/Greenstone2"  
<Directory "C:/Program Files/Greenstone2">  
    Options Indexes MultiViews FollowSymLinks  
    AllowOverride None  
    Order allow,deny  
    Allow from all  
</Directory>  
-----
```

In addition to this, in order to get the webserver to work with Greenstone, you will have to edit the gsdlsite.cfg file in the cgi-bin subdirectory, by ensuring that the gsdhome parameter points to the Greenstone2 home directory (e.g. gsdhome "C:\Program Files\greenstone2"). See that the path is given in double quotes without fail. Also set the httpprefix and httpimg parameters as default if the webserver's DocumentRoot is set to Greenstone home directory. Otherwise, give the parameters as "httpprefix /gsdl" and "httpimg /gsdl/images" if the alias for the home directory is gsd.

Once your webserver and greenstone are configured in this way you can access Greenstone by pointing your web browser at <http://localhost/gsd/cgi-bin/library> or <http://your.server.com/gsd/cgi-bin/library>

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