

CHMOD

This tutorial is designed to show you how to set file permissions with your ftp client. **WS_FTP LE** and **CuteFTP** are covered here.

If you're using SmartFTP, you can find a tutorial on setting file permissions on their site - <http://www.smartftp.com/support/howto/> - Look toward the bottom of the page under the heading "Miscellaneous" for CHMOD and click the "View" link.

Overview:

The most common reason to set permission for a file or folder is when you're using a cgi script on your site. A cgi script and its supporting files/folders normally require specific permissions in order for them to do their job.

Unix classifies users by individual, group, and world. Permission to access files and directories is based on the category an individual user falls into, relative to the owner and group of the file or directory being accessed. The term for configuring Unix file security is "setting file permissions".

Read - allows the file or folder to be read

Write - allows the file or folder to be written to.

Execute - allows executing of the file or folder.

Owner - the person who owns the account that the file or folder resides in.

Group - any user residing in the same group

Other - any other user including Anonymous

Most cgi scripts will run properly when set to 755 as shown in this tutorial so its best to try that first even if the script information says to set it to 777. Many web hosts do not allow users to set 777 permissions due to security issues.

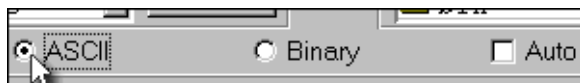
Some scripts will run with a lower permission. Be sure to check the documentation that came with the script for the details that you need. Your instructor is also available to help you if you're taking a class here at LVS.



WS_FTP

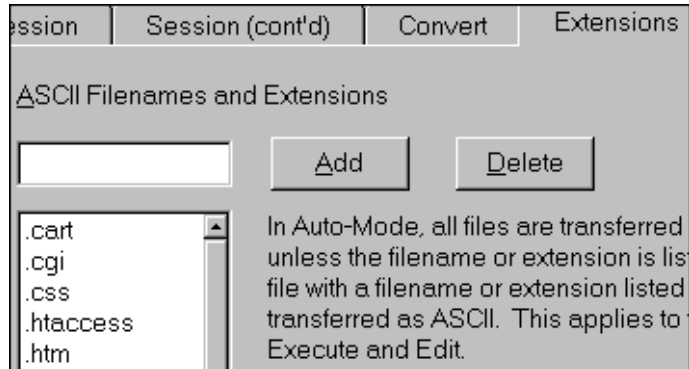
- this may work with other FTP clients but I won't guarantee it, and the screen caps will likely not look the same

1. Upload the cgi or pl document to your cgi-bin in ASCII mode.

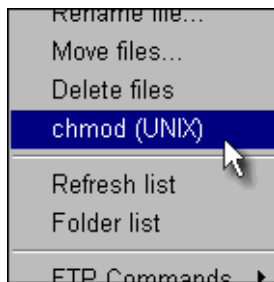


Upload in ASCII mode

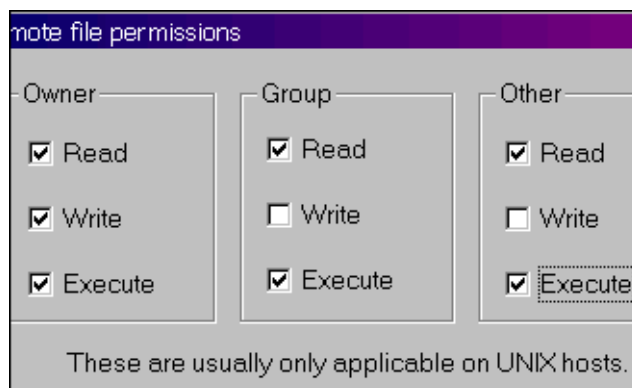
Note: if you use Auto please be sure that you've added .pl and .cgi to the Extensions tab under Options to ensure that WS_FTP knows to upload those files with ASCII mode.



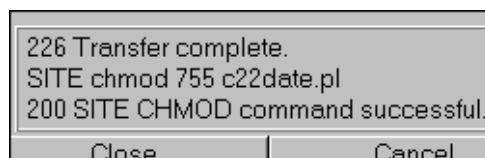
2. Right click on the file name on the remote side of the FTP program.
3. Choose chmod from the pop-up menu.



4. Put a check mark in each of the following boxes:
 - o OWNER: read, write and execute
 - o GROUP: read and execute
 - o OTHER: read and execute

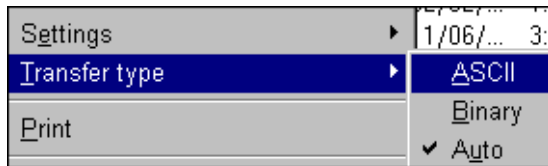


5. Click the OK button.
6. Look in the lower left corner of WS_FTP. You should see a success message something like this:



Cute FTP

1. Upload the cgi or pl document to your cgi-bin in ASCII mode.



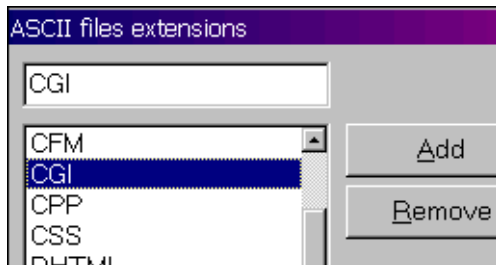
If cgi and pl are in your ASCII list, you can use Auto, otherwise use ASCII

Note: if you use Auto please be sure that you've added .pl and .cgi to the Text-files extension area by going FTP > Settings > Text-file extensions.



FTP > Settings > Text-file extensions

If you don't see cgi and pl there, type them in and click the Add button.

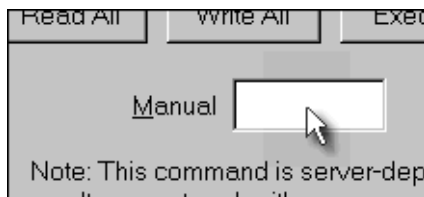


2. Highlight the file you want to set permissions for
3. Go Commands > Advanced Commands > Change File Attributes



Commands > Advanced Commands > Change File Attributes

4. When the dialogue box pops up, type 755 in the box labeled "Manual"



Type 755 in the "Manual" area

5. Click the OK button

Copyrighted 2000- 2003 © LVS Associate/LVS Online
Author: Vikki Brooks

Lessons, files and content of this site cannot be reproduced and/or published without the express written consent of the author.
Use of this site implies agreement with the Terms of Use
<http://www.lvsonline.com/terms.shtml>