

Uploading Files to the Server Through the Terminal

Web Programming and Design
CGS 3066: Fall 2016

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The ww2 server runs Unix. If you have a Mac or a Linux machine, you can upload files directly from a command line terminal, without using an FTP client. This is slightly more complicated and time consuming, but it is also good to learn.



1 Finding the right directory

It is easier to upload files if you are in the directory on your local machine that contains the file.

- Once you open the terminal, type the command `pwd`. This will show you the current directory you are in.

```
pwd
/home/sharanya
```

- You can then use the `ls` command to list all the files and directories in that directory.

```
ls
CGS3066      Desktop      Documents
Downloads    RNGStuff     Thesis
```

- You can use the `cd` command to move to the directory you want.

```
cd Desktop
```

- To move to the upper level directory use `cd ..` (`cd` followed by a space followed by 2 dots)
- Use these commands as required to move into the directory where you have the project files stored.

2 Transferring your files on to the server

- The absolute path to your `public.html` directory is
`/home/ugrads/class/CSUsername/public.html`
- For example, if your CS Username is “smith”, then your directory will be
`/home/ugrads/class/smith/public.html`
- You need to use the `scp` command to transfer a file from your system to the server. For example, if your CS username is “smith” and your file is called “project.html”, then your command will look like

```
scp project.html smith@ww2.cs.fsu.edu:/home/ugrads/class/smith/public.html
```

Replace “smith” with your CS username and “project.html” with the appropriate file name.

- You will then be prompted for a password. Enter your CS password. Then, you will see the file being transferred.
- You need to do this for every file you are uploading to a server.
- Once you have uploaded all the files to the server, you should be able to view your project through the browser.
- This method will not ask if you want to replace a file. It will do it automatically. Be careful if you have multiple versions of the same file.