# FTP Basics

File Transfer Protocol (FTP) is a method used to transfer files from one machine to another. You can use the command line, the most common commands which are noted below, or an FTP program. here are many free applications for this. A popular one is Filezilla. Read the FileZilla documentation, or the documentation to whichever application you decide to use, for usage instructions.

**Useful FTP commands**

- Navigate to the desired local directory in the Terminal
- Type **ftp -i hostname**
- Type your username and password (password is invisible)
- Type **type** (See if it's ascii [pages] or binary [images, sounds, etc.])
- Type **cd desiredDirectory** (Get to where you want to upload or download)
- Type **pwd** (Confirm where you're at)
- Type **ls** (Get a directory listing)
- To get a directory listing of the local directory, type **!ls**. The ! lets you bypass the FTP environment to issue commands to the operating system
- Upload an image or sound?
    - Type **bin**
    - Type **put filename**
- Upload a page?
    - Type **asc**
    - Type **put filename**
- Download an image or sound?
    - Type **bin**
    - Type **get filename**
- Download a page?
    - Type **asc**
    - Type **get filename**
- Batch upload? Type **mput *.htm**
- Batch download? Type **mget *.htm**
- See other options? Type **help**
- Terminate a session? Type **bye**