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# **File Transfer with FileZilla**

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EECS 2031  
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York University

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# FTP

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- FTP is an acronym for File Transfer Protocol.
  - FTP is used to transfer files between computers over a network.
  - You can use FTP to exchange files between your EECS computer account and your laptop or desktop at home.
  - FileZilla is one of the free FTP programs
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# Downloading FileZilla (Client, NOT Server)

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- Download the client version of FileZilla at:

<https://filezilla-project.org/download.php?type=client>

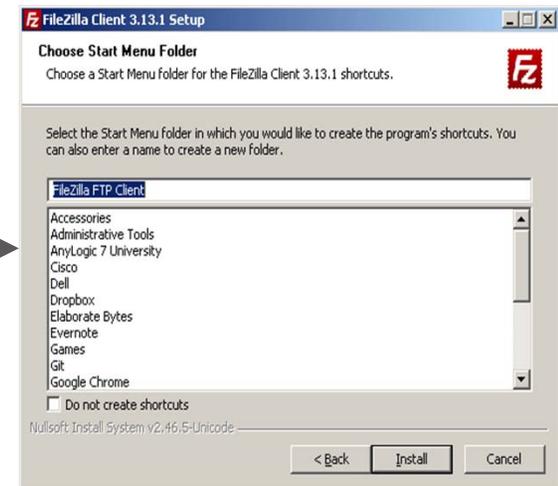
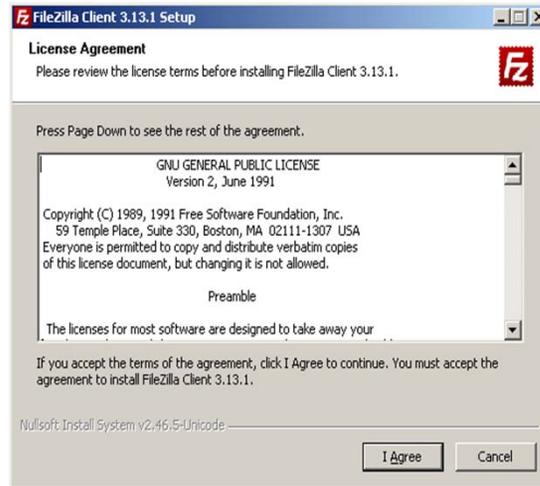
- It should auto-detect your operating system
- If it does not, all the OS options are at:

[https://filezilla-project.org/download.php?show\\_all=1](https://filezilla-project.org/download.php?show_all=1)

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# Installing FileZilla (Keep Clicking *Enter*)

*(Unless you want to change the defaults)*

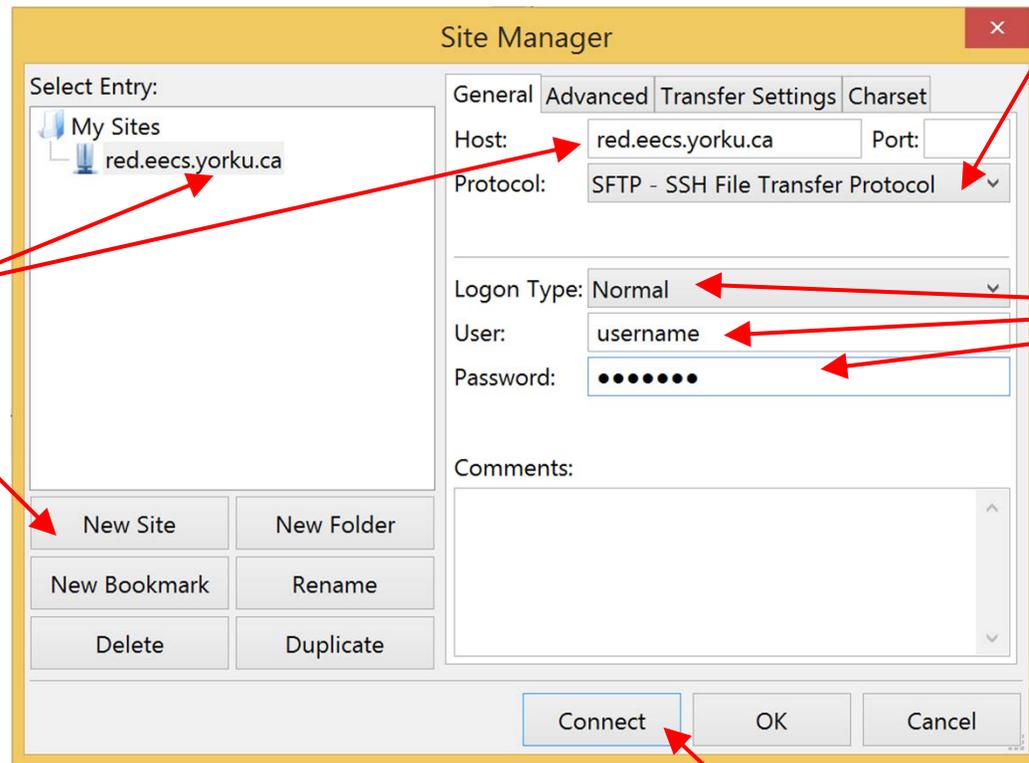


# Configuring FileZilla (for connecting to red.eecs.yorku.ca)

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1. Go to “File” -> “Site Manager”:

2. Click on “New Site”, and use “red.eecs.yorku.ca” as the site name and host name.



3. Select “SFTP – SSH File Transfer Protocol”

4. Select “Normal” for “Logon Type”, and use your **EECS** (**NOT** YorkU) username and password

5. From now on, you can just click “Connect”

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# Once Connected

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- Once you are connected to the remote server, a window like the one on the next page will appear
  - The panels **on the left** show the directories (upper panel) and the file names of the current directory (lower panel) on your **local machine**
  - The panels **on the right** show the directory path (upper panel) and the file and sub-directory names of your home directory on the **remote machine** (red.eecs.yorku.ca)
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# Once Connected

The screenshot shows the FileZilla interface with the following details:

- Title Bar:** New site - martin@red.eecs.yorku.ca - FileZilla
- Menu Bar:** File Edit View Transfer Server Bookmarks Help
- Host/Connection:** Host: [empty], Username: [empty], Password: [empty], Port: [empty], Quickconnect button.
- Status:** Connected, Retrieving directory listing..., Directory listing of "/eecs/home/martin" successful.
- Local site:** C:\Users\martindk\
- Remote site:** /eecs/home/martin
- Local File List:**

Filename	Files...	Filetype	Last mo...
..			
AppData		File fol...	6/19/20...
Application Data		File fol...	
Contacts		File fol...	6/20/20...
Cookies		File fol...	
Desktop		File	7/4/201...
Documents		Syste...	6/19/20...
Downloads		Syste...	9/16/20...
Favorites		File fol...	6/20/20...
Links		File fol...	6/20/20...
Local Settings		File fol...	
Music		Syste...	6/19/20...
My Documents		File fol...	
NetHood		File fol...	
- Remote File List:**

Filename	Files...	Filet...	Last m...	Per...	Own...
.X-errors		File f...	7/2/20...	flcd...	1287...
.xpce		File f...	10/27/...	flcd...	1287...
bck		File f...	12/2/2...	flcd...	1287...
bin		File f...	3/8/20...	flcd...	1287...
Desktop		File f...	5/20/2...	flcd...	1287...
Documents		File f...	9/14/2...	flcd...	1287...
Downloads		File f...	8/5/20...	flcd...	1287...
ESN_Matlab_Toolbox		File f...	3/18/2...	flcd...	1287...
lyx-2.0.5.1		File f...	3/17/2...	flcd...	1287...
mail		File f...	9/22/2...	flcd...	1287...
matlab		File f...	5/8/20...	flcd...	1287...
mindterm		File f...	9/24/2...	flcd...	1287...
Music		File f...	2/1/20...	flcd...	1287...
Pictures		File f...	2/1/20...	flcd...	1287...
Public		File f...	2/1/20...	flcd...	1287...
ripple		File f...	11/10/...	flcd...	1287...
temp		File f...	4/29/2...	flcd...	1287...
Templates		File f...	2/1/20...	flcd...	1287...
test		File f...	8/27/2...	flcd...	1287...
Videos		File f...	2/1/20...	flcd...	1287...
workspace		File f...	11/10/...	flcd...	1287...
www		File f...	4/18/2...	flcd...	1287...
- Summary:** 7 files and 22 directories. Total size: 3,076,116 bytes (Local); 42 files and 70 directories. Total size: 1,969,623 bytes (Remote).
- Bottom Panel:** Queued files, Failed transfers, Successful transfers. Queue: empty.

# File Transfer with FileZilla

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You can choose a directory on your local or remote machine by clicking on the directory name

To transfer a file or directory from one machine to the other, **drag & drop** the file or directory from one machine to the other

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**End**

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# File Transfer with FileZilla

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You can drag & drop files between the two half-windows in FileZilla

One shows the file system on your local machine

The other one on your EECS home folder

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