

# How to connect to and transfer a BlueJ project between your home machine and the UW-Parkside CS Lab


9/1/2021

To hand in a project for grading, you must electronically submit it from your Computer Science lab account where your instructor can compile and run them. You also need to upload the source code (.java files) to Canvas. This document explains how to copy a BlueJ project folder from your laptop or desktop computer to your CS lab account.

We recommend FileZilla (free client software that will run on Windows, MacOS and Linux machines). These instructions describe how to set it up and run it on a Windows 10 machine.

1. First, install the GlobalProtect VPN (Virtual Private Network) to reach the Computer Science lab. It can be downloaded from:  
<https://studentvpn.uwp.edu>

This places an extra layer of protection between your machine and your lab account.

After installation, you will find its icon  in your taskbar. Each time you need to run either FileZilla or Remote Desktop to connect to the Computer Science lab you must first connect through this VPN if you are off campus.

2. Install FileZilla on your home machine. It can be downloaded from:  
<https://filezilla-project.org/>

The website will detect the type of machine you are using and choose the correct version of the software. Choose to download the *client* version of the software:



**FileZilla** The free FTP solution

Home

- FileZilla
  - Features
  - Screenshots
  - Download
  - Documentation
  - FileZilla Pro
- FileZilla Server
  - Download
- Community
  - Forum
  - Project page
  - Wiki
- General
  - FAQ
  - Support
  - Contact
  - License
  - Privacy Policy
  - Trademark Policy
- Development
  - Source code
  - Nightly builds
  - Translations
  - Version history
  - Changelog

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### Overview

Welcome to the homepage of FileZilla®, the free FTP solution. The *FileZilla Client* not only supports FTP, but also FTP over SSL, SFTP, and WebDAV, all free of charge under the terms of the GNU General Public License.

We are also offering *FileZilla Pro*, with additional protocol support for WebDAV, Amazon S3, Backblaze B2, Dropbox, Microsoft OneDrive, and Google Cloud Storage.

Last but not least, *FileZilla Server* is a free open source FTP and FTPS Server.

Support is available through our [forums](#), the [wiki](#) and the [bug and feature request trackers](#).

In addition, you will find documentation on how to compile FileZilla and nightly builds for multiple platforms in the [development](#) section.

**Quick download links**

- Download FileZilla Client** (All platforms)
- Download FileZilla Server** (Windows only)

Pick the client if you want to transfer files. Get the server if you want to make files available for others.

## Download FileZilla Client for Windows (64bit x86)

The latest stable version of FileZilla Client is 3.55.1

Please select the file appropriate for your platform below.

Windows (64bit x86)

Download FileZilla Client

This installer may include bundled offers. Check below for more options.

The 64bit versions of Windows 8.1 and 10 are supported.

Note that after choosing this button you will see a list of editions with different capabilities. Basic FileZilla, the one on the left, contains everything you need:

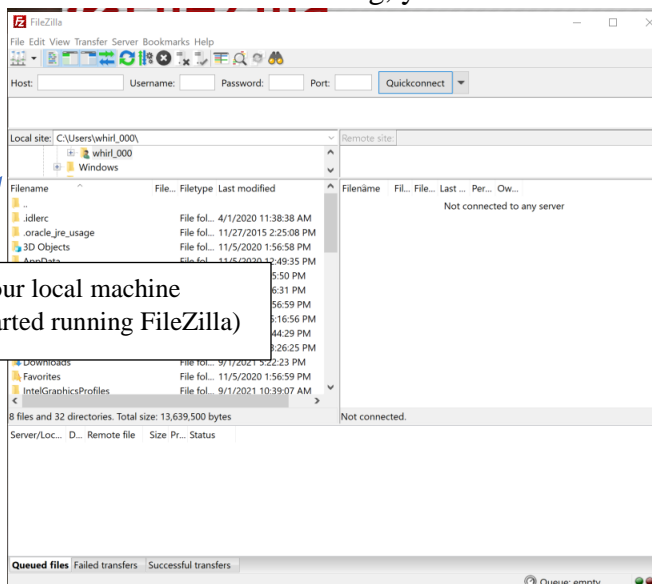
### Please select your edition of FileZilla Client

	FileZilla	FileZilla with manual	FileZilla Pro	FileZilla Pro + CLI
Standard FTP	Yes	Yes	Yes	Yes
FTP over TLS	Yes	Yes	Yes	Yes
SFTP	Yes	Yes	Yes	Yes
Comprehensive PDF manual	-	Yes	Yes	Yes
Amazon S3	-	-	Yes	Yes
Backblaze B2	-	-	Yes	Yes
Dropbox	-	-	Yes	Yes
Microsoft OneDrive	-	-	Yes	Yes
Google Drive	-	-	Yes	Yes
Google Cloud Storage	-	-	Yes	Yes
Microsoft Azure Blob + File Storage	-	-	Yes	Yes
WebDAV	-	-	Yes	Yes
OpenStack Swift	-	-	Yes	Yes
Box	-	-	Yes	Yes
Site Manager synchronization	-	-	Yes	Yes
Command-line interface	-	-	-	Yes
Batch transfers	-	-	-	Yes

Download Select Select Select

3. After downloading, double-click the file to run the installation process. It may ask you if you wish to install other software such as an ad-blocker. You do not need to install any additional software they offer but may do so if you choose. You can choose NEXT each time to use all the default settings.

4. When FileZilla starts running, you see a window such as this:



Contents of your local machine  
(where you started running FileZilla)

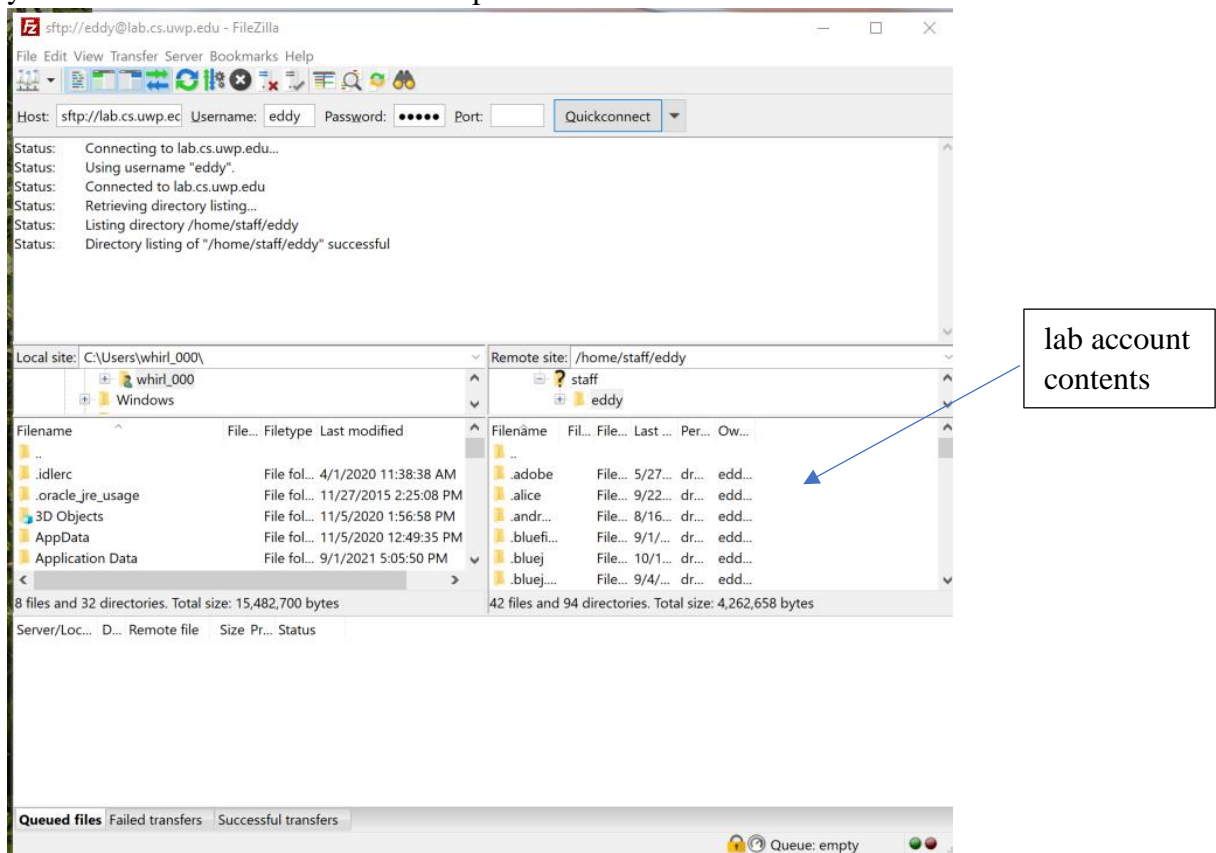
- At the top you see boxes where you will fill in the information about where you wish to connect:

Host:  Username:  Password:  Port:

- To connect to your lab account, fill in the boxes with the information specified below, then press Enter or click the **Quickconnect** button:

Host:	lab.cs.uwp.edu
Username:	<i>your computer science lab id (not your RangerMail id)</i>
Password:	<i>your computer science lab password (note: only dots will appear as you type)</i>
Port:	22

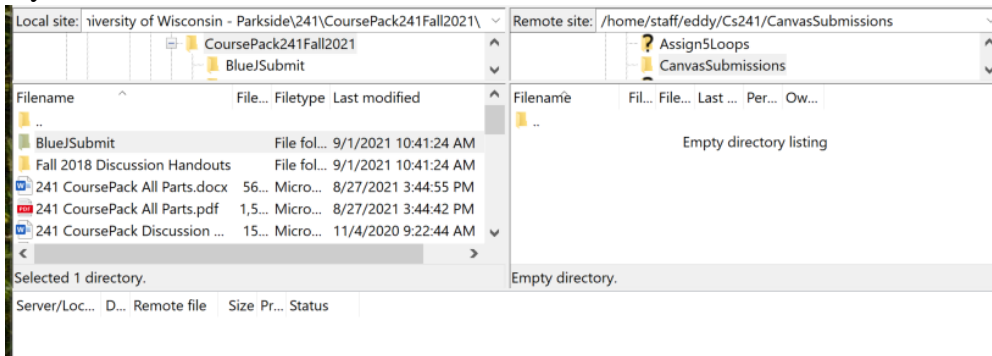
- You may be asked if it is safe to connect to the CS server. If so, allow it.
- The section near the top of the window shows you the status of your connection. Once the connection is successful, your window will fill in the Remote site (right side) with your lab account contents. For example:



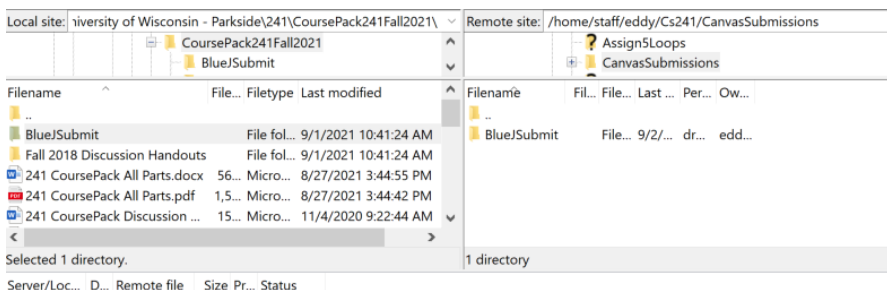
- To transfer (copy) a BlueJ project folder in either direction from the Local or Remote computer:

- Navigate to show the **folder** with the BlueJ project name on the side you wish to copy *from*.
- On the other side, navigate to where you wish the folder to go *to*.
- With your mouse, click and drag the **folder** over to the side where you wish to place the copy. If another copy is already there, you will be asked if you wish to replace it.


For example, in this image, the folder named **BlueJSubmit** is located on my Local computer. I wish to copy it to a folder named **CanvasSubmissions** which is located in my CS lab account:



- After dragging the folder from left to right, you see the folder now on the right side as well. It will NOT delete it from your local machine. As the transfer process runs, the area on the bottom of the window will show the files queued up for copying. If all goes well, you will see all parts of the BlueJ project listed in the Successful transfers section:



- That's all! To stop running FileZilla and break your connection to the CS lab, click the

Disconnect symbol  at the top of the window under the menu.

This is also a good way to save a backup copy of your assignments. *Remember where the most current copy of your assignment exists.* When the finished version is in your lab account, you can then use Remote Desktop Connection (see separate document) to open the project in BlueJ in your lab account and submit.