

# Deploying a Website Via FTP

Websites are not meant to exist on your development machine, they need to be set free on the open web!

The simplest way to upload your website to a web server is via file transfer protocol (FTP). FTP allows you to establish a connection with a server and to then transfer files to that server. The key here for us will be making sure we upload our website content to the correct folder.

## Required Tools

You will need an FTP client in order to make the connection and transfer your files. FileZilla (<https://filezilla-project.org/>) is a free open source FTP solution that can easily be used for this purpose.

Simply download the client and run the installer.

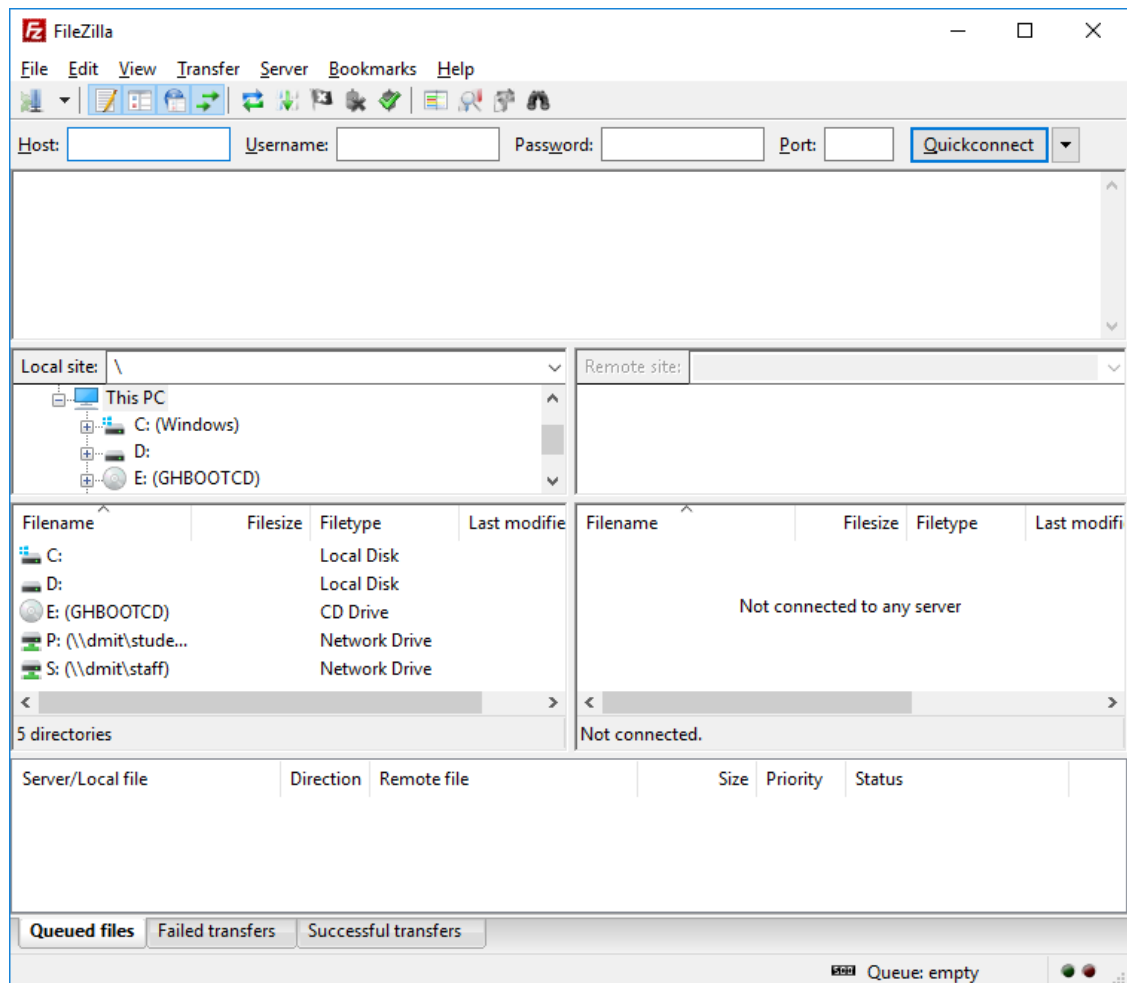


Figure 1. FileZilla client program

The client program window displays a lot of information. The FileZilla homepage ([https://wiki.filezilla-project.org/FileZilla\\_Client\\_Tutorial\\_\(en\)](https://wiki.filezilla-project.org/FileZilla_Client_Tutorial_(en))) provides some good documentation on how to use the program.

## Process

The web server available to us has the following name: sweb2.dmit.nait.ca

This will be the hostname we use to connect via FTP and to view our websites on the web.

### Step 1: Open FileZilla and connect to the server

You will need to provide the server's hostname, your username, and your password. Then click the Quickconnect button (see screenshot below).

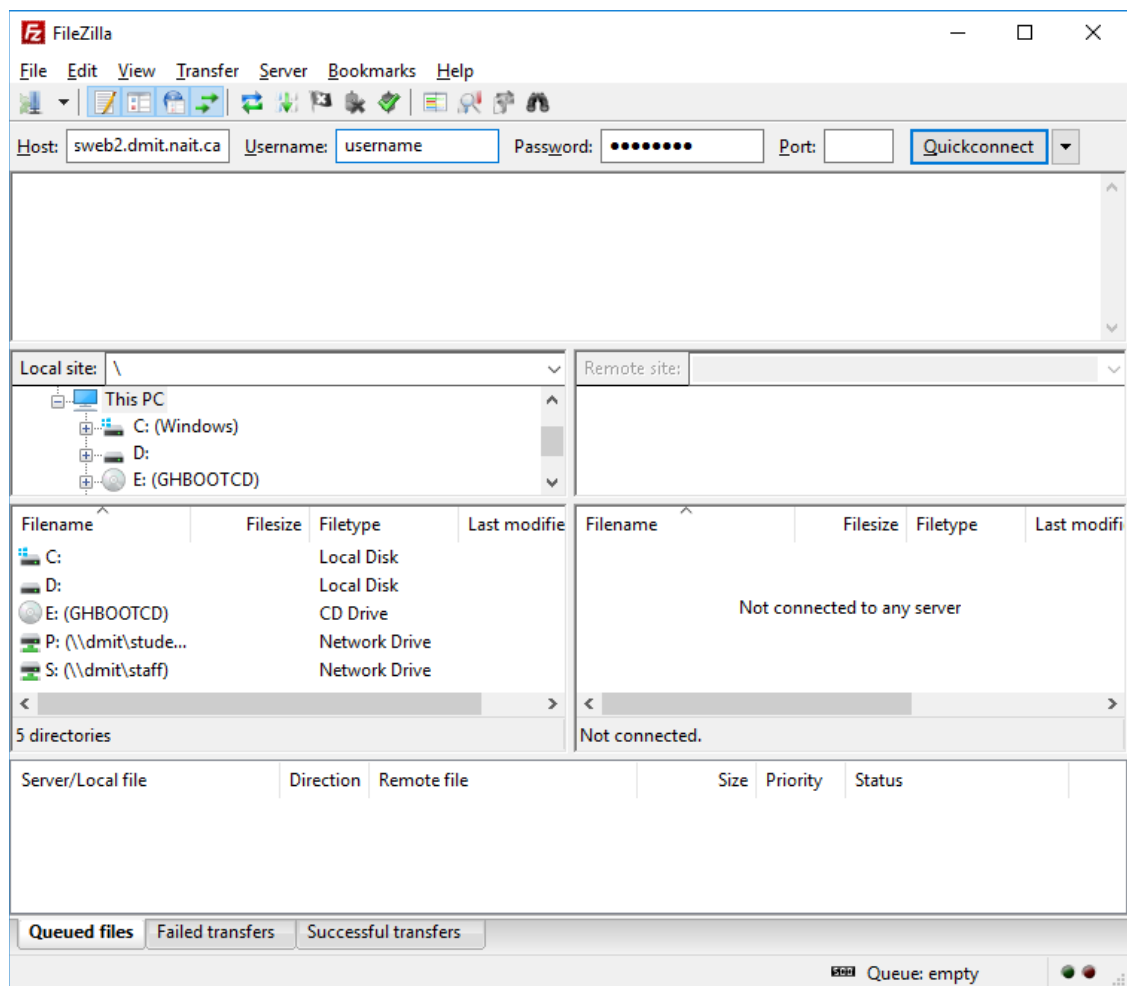


Figure 2. FileZilla with credentials entered

When you connect, you will be presented with an 'Unknown certificate' popup window. Simply click OK to dismiss the window.

## Step 2: upload your files to your username folder

Once connected, find your remote folder in the right-side panel. You can use the FileZilla client just like a normal file explorer window, which means you can simply drag-and-drop your folders/files in the client. Drag your project folder onto your username folder and FileZilla will begin to upload the files.

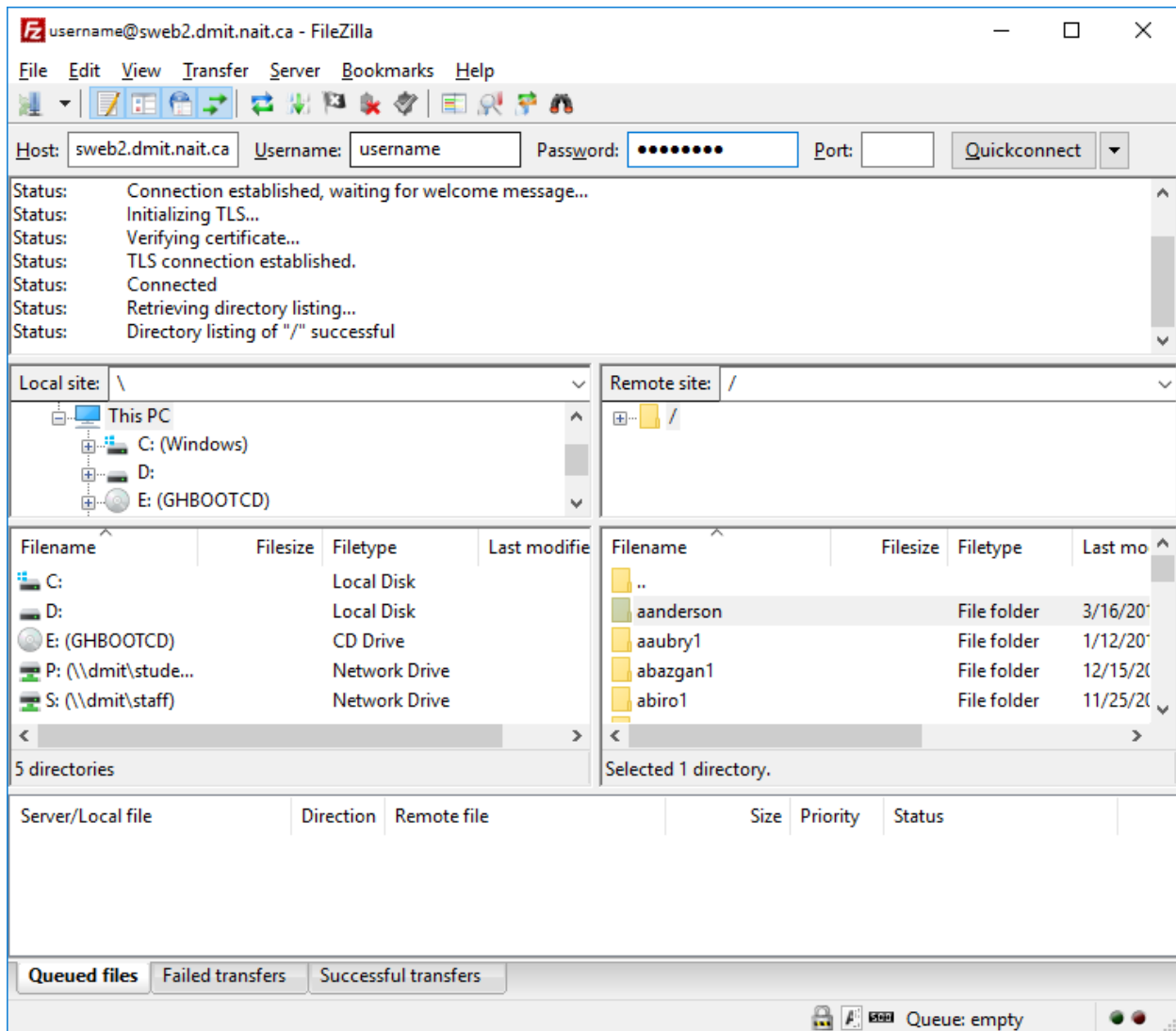


Figure 3. FileZilla with connection established

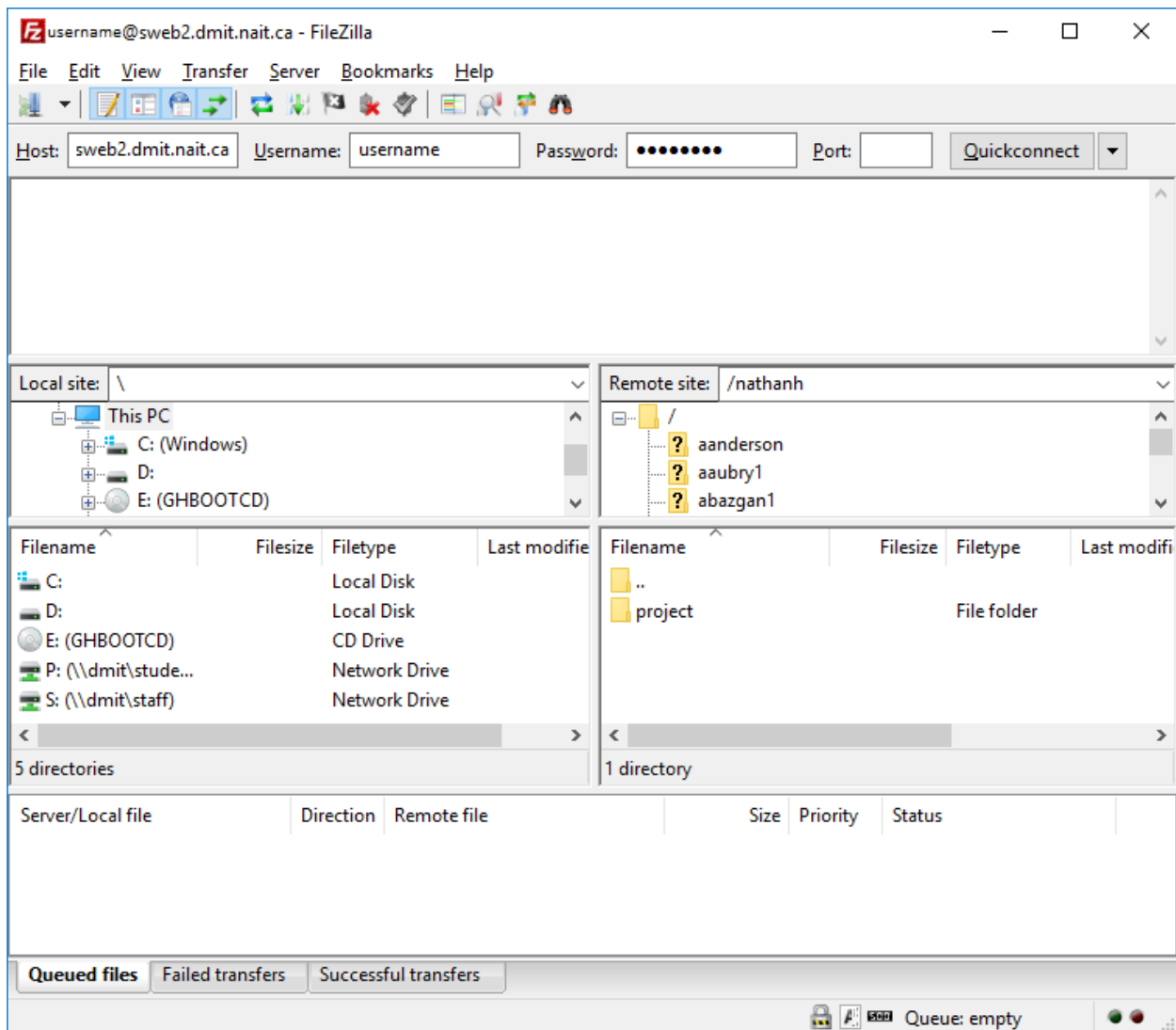


Figure 4. FileZilla showing uploaded project folder

### Step 3: View your website online

The last thing to do now is to view your website on the web. Simply open your favourite web browser and enter the URL into the address bar. For the example used thus far, the URL would be as follows:

web2.dmit.nait.ca/username/project/

That's it! As long as your main project HTML document is named index.html, it should be served by the server automatically.