

Uploading to the internet

- The **internet** is a network of computers (called **servers**) that store and transmit information around the world. This includes **emails**, **webpages** and, well, pretty much everything else – **Netflix** shows are stored on a server then transmitted to your TV; when you send a photo to a friend, it passes through a server first.
- Any computer can act as a server, but websites are usually stored on **dedicated** servers – these are maintained and always on, so the webpages can be reliably accessed at any time.

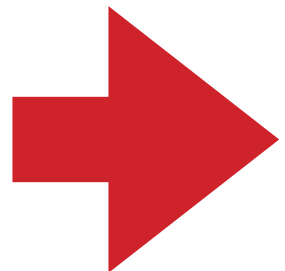
Let's add a page to the internet!

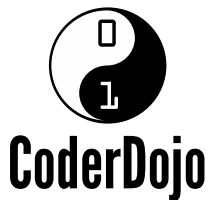
Before we go any further, make sure you have three things:

1. your own webpage (called *index.html*) to upload
2. a username and password for our web server
3. software to securely upload the file to our server

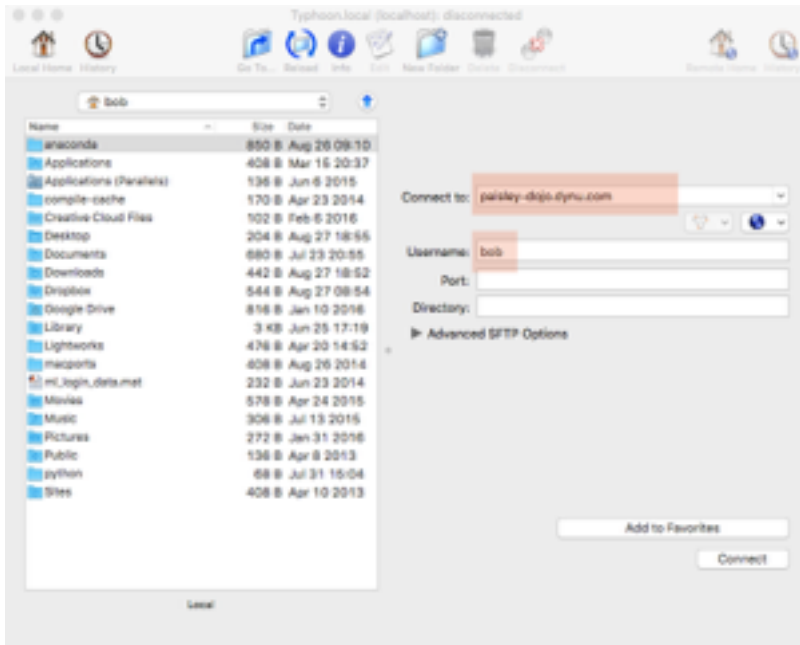
(if not, ask someone to help you make your first webpage, set up your web server account and install either WinSCP [for Windows] or Fugu [for MacOS])

Open up your file transfer software. It should look something like **this**

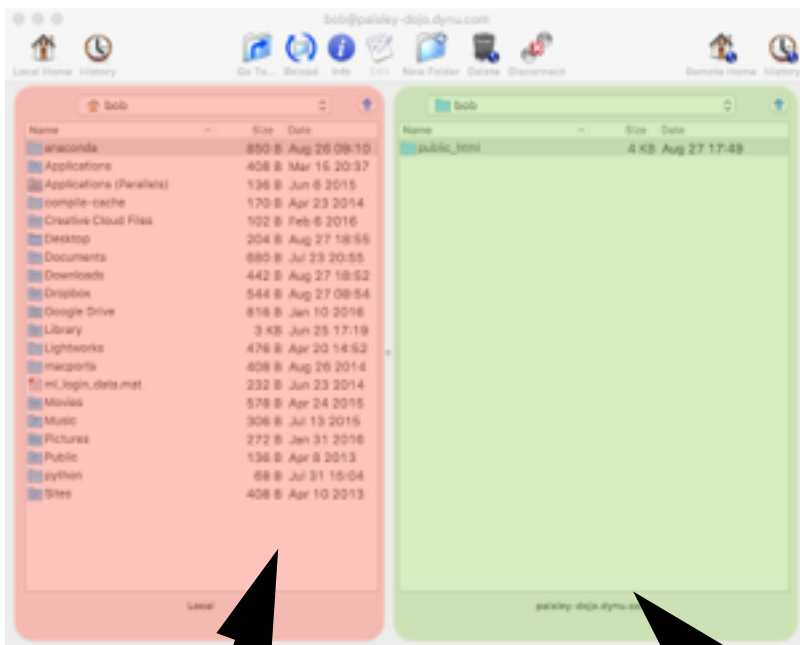




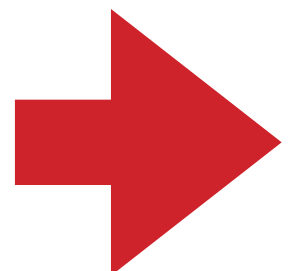
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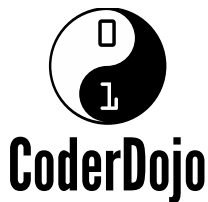


- Enter the **server name** and your **user name**. (your software may look a little different – just ask if you're unsure)
- Click **Connect** and enter your **password** when asked.
- You are now **connected** to the **server**.
- Files that are on *your* computer are shown on the **left**, files stored on the web server are on the **right**

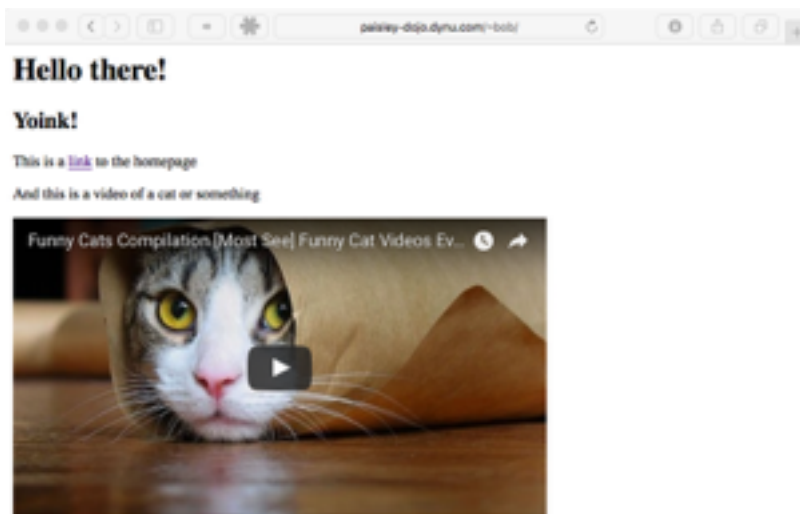
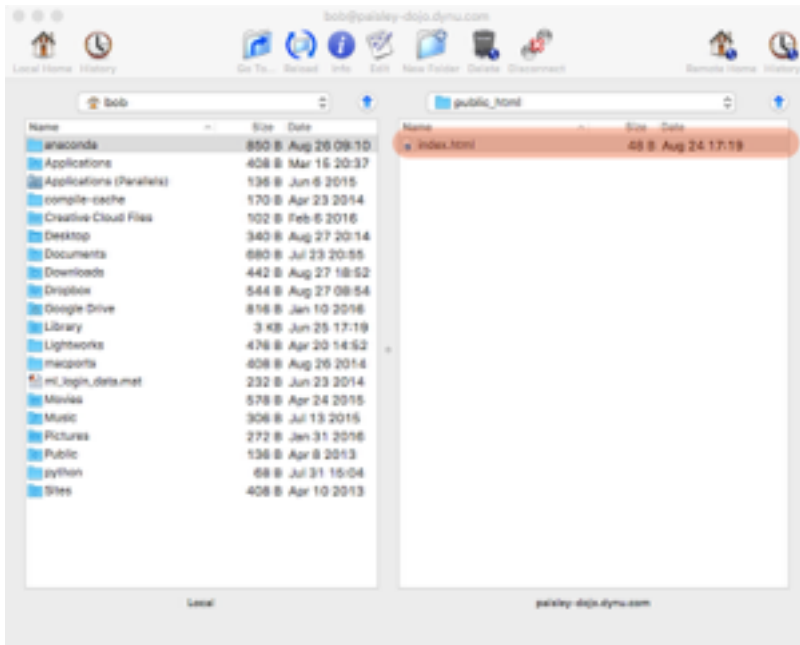


- On the right you should see a folder called **public_html**. Everything you put in this folder is visible on the internet. **Double-click** to open it.
- It's empty, so **add something!** You can either drag your webpage from the desktop into the empty folder, or you can select it from your computer on the left and drag it over from there.





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- There should now be a file called *index.html* in your **public_html** folder on the web server
- This is now on the internet! But, **where** on the internet is it?!
- Everything in your **public_html** folder is easy to find on the internet – you already know the server name (paisley-doju.dynu.com) and the only other information you need is something you also know – your user name.
- Open a web browser (Chrome, IE or Safari) and type in **paisley-doju.dynu.com/~bob** but make sure to change the last bit to be **your user name!**
- (if your user name is “sallysmith” type paisley-doju.dynu.com/~sallysmith)
- Your webpage should now be displayed – you can change or update it from anywhere using these steps.

Congratulations!

You just put something on the internet!