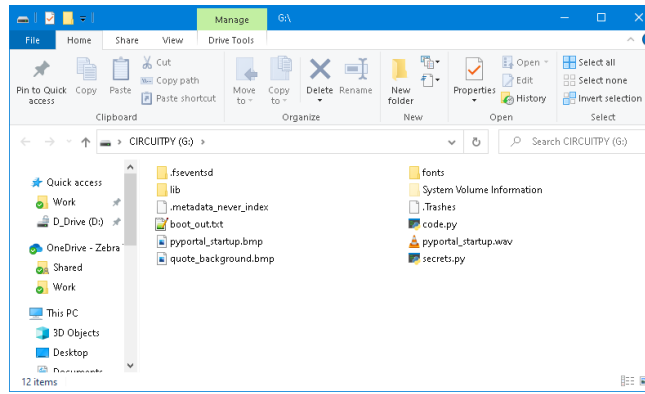


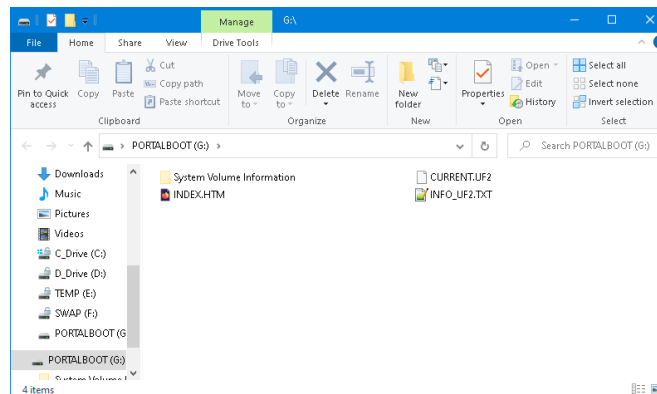
PyPortal Titano Inital Setup

The PyPortal Titano comes with CircuitPython 5.x installed, so we need to upgrade it to the latest release version which at this time is 7.3.3. We will also be upgrading the installed libraries and the default application.

1. Plug the PyPortal into your PC with a USB C cable. (Make sure it's not a charge only cable!)
2. A drive called CIRCUITPY should show up after the drivers are setup. The files you see may be different.



3. Delete the “fonts” and “lib” directories from the drive
4. Download the CircuitPython version 7.3.3 UF2 file from the explorers site
https://jsconsulting.com/explorers/PyPortal/docs/adafruit-circuitpython-pyportal_titano-en_US-7.3.3.uf2
5. Restart the PyPortal in bootloader mode. Do a quick double click on the reset button on the back. If your successful a new drive called PORTALBOOT should show up. Again your files may differ.



6. Drag and drop the UF2 file you just downloaded onto the PORTALBOOT drive. The PyPortal will restart after doing the update.
7. Download the DefaultFiles..zip file from the website:
<https://jsconsulting.com/explorers/PyPortal/docs/DefaultFiles.zip>
8. Open the zip file and select all the files and then, drag and drop them onto the root of the CIRCUITPY drive.
9. Download and install mu from: <https://codewith.mu/> (Will take a LONG time to start first time)
(Seriously, like go get a cup of coffee long. With a doughnut!)
10. Using Mu, open the “secrets.py” file on the CIRCUITPY drive and replace “home_network” with your network name, and “ssid_password” with your network passcode. Be sure to leave the single quotes around the text you type in.

11. Save the file. That should trigger the PyPortal to restart and load your changes. The demo program should run and every 60 seconds it will display a different quote on the screen. It also blinks the red LED next to the USB connector once every 2 seconds while it's waiting to get the next quote.

12. You can open up the code.py file on the CIRCUITPY drive to see the demo program code.