Mu Editor – New User Cheat Sheet – CircuitPython Mode

1. Select Adafruit CircuitPython Mode

If you chose the wrong mode when the editor started, use the mode button to change it, (**Ctrl-Shift-M**)

Adafruit CircuitPython
Use CircuitPython on Adafr

You can see what Mode the editor is in at the bottom right of the window (**Ctrl-Shift-D**)

Adafruit

2. Create, Load, and Save Files

New (**Ctrl-N**), **Load** (**Ctrl-O**), and **Save** (**Ctrl-S**) files

code.py

To **Rename** / **Save As**, double click the filename in the tab (**Ctrl-Shift-S**)

Mu **auto saves** every 5 seconds

Next to a filename, a * means the file has been updated and not saved

3. Text Editing

Right mouse click brings up the text edit menu:

Copy text (**Ctrl-C**)

Paste text (**Ctrl-V**).

Cut text (**Ctrl-X**)

You can also **Undo** (**Ctrl-Z**) and **Redo** (**Ctrl-Y**) your last edit

Select All text (**Ctrl-A**)

Undo
Redo
Cut
Copy
Paste

4. Python Editing

Select some lines of code then press:
- Ctrl-F : Show **Find** / **Replace** Dialog
- Ctrl-K : To toggle **comments**
- TAB : **indent** code block
- Shift-TAB : **Remove indent**
- **Ctrl-Left/Right/Up/Down Arrows** : Move the cursor one word that direction

Change between light, dark, and darker backgrounds (**F1**)

Increase/decrease code font size (**Ctrl + / Ctrl -**)

5. Run Your Code and the REPL

In CircuitPython, the code runs as soon as the file is saved to the **CIRCUITPY** flash drive.

To view program output from print statements or interact with the REPL, use the **Serial** button (**Ctrl-Shift-U**)

Keys available in the REPL:
- **Ctrl-C** : Stop the program and enter REPL
- **Ctrl-D** : Exit REPL and run program

- **Ctrl-Shift-C** : Copy highlight text to clipboard
- **Ctrl-Shift-V** : Copy clipboard to REPL

6. More

Plot the value of a tuple over time with the Plotter (**Ctrl-Shift-P**)

Check for code **syntax errors** (**F2**)

Get Help with Mu (**Ctrl-H**)

Exit Mu (**Ctrl-Q**)