

# Git, GitHub, and Jupyter Setup

Ty Janoski  
City College of New York, CUNY

**Step 1**

We will need four packages:

- JupyterLab
- JupyterLab-git
- git
- ipykernel

# Package installs

- Open up a terminal
  - **MacOS:** Spyder IPython console or Mac terminal
  - **Windows:** Anaconda Prompt or Windows terminal
- Make sure your `susc` environment is active!  
`conda activate susc`
- Install other packages
  - `conda install -c defaults jupyterlab`
  - `conda install -c conda-forge jupyterlab-git git ipykernel`

# Make our `susc` environment a kernel\*

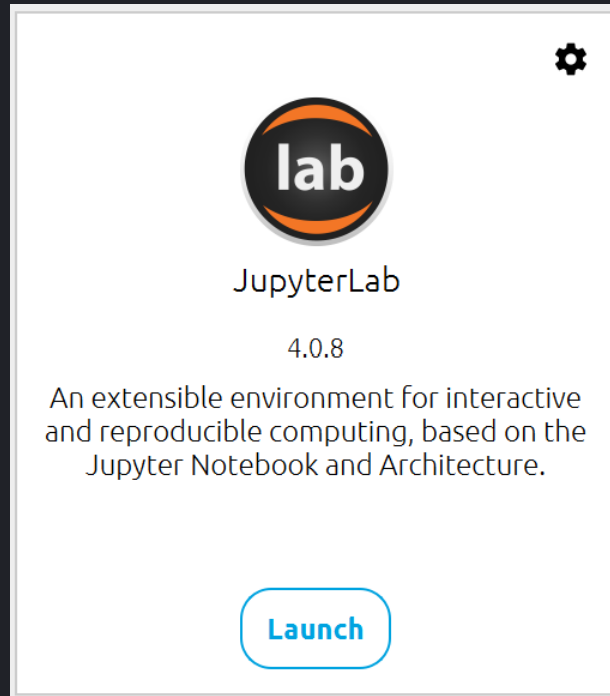
In the same terminal you did your conda installs, run the following code:

```
python -m ipykernel install --user --name=susc
```

\*: Don't worry about what this means yet.

# Let's make sure it works.

- On your Anaconda Navigator, after refreshing, check to see that have a JupyterLab tile.



# Help! I can't find JupyterLab!

Did you:

- install to the `susc` environment?
- look in the `susc` environment on Anaconda navigator?
- use `-c defaults` when installing JupyterLab?

If you checked all of these, you can try launching jupyter lab from your terminal by typing `jupyter lab`

# Step 2



**It's time for you to create a GitHub account if you don't already have one!**

Follow the directions [here](#).

Remember which email you use to sign up :)

# Step 3 for Windows Users

Windows users (myself included) can face some annoying hiccups using Anaconda + Jupyter + Git. I recommend [downloading Git](#) to your Windows machine as a separate installation from Anaconda.

# Troubleshooting

# What to do if you can't get something to work:

- Google your problem!
  - I promise you are never the first to have a problem in 99.9% of programming cases (or life!)
- Check out source docs for [jupyterlab-git](#)
- Email me at [tyler.janoski@columbia.edu](mailto:tyler.janoski@columbia.edu)