

Git, GitHub, and Jupyter Setup

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Step 1

We will need three packages, plus an optional one:

- 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*

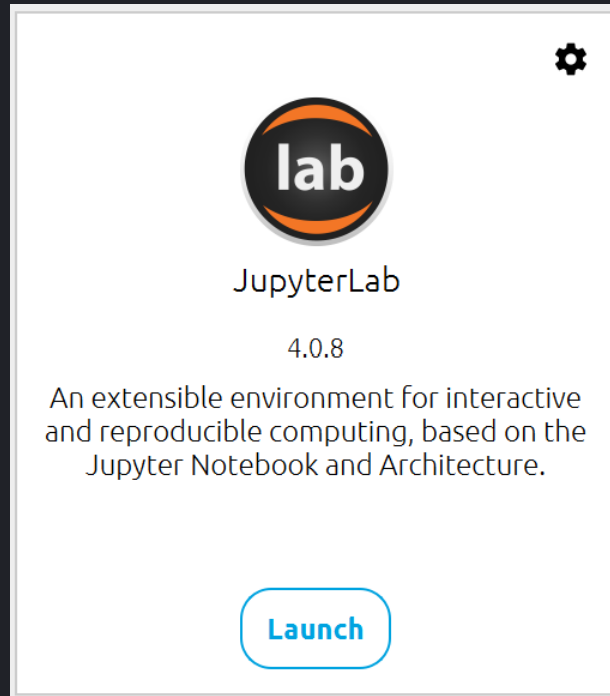
In the same terminal you did your conda installs, run the following code:

```
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](#).

Troubleshooting

What to do if you can't get this 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