

Jupyter Notebook

Mr. Poole
Python

New Integrated Development Environment (IDE)!

Cloud9 is great but limited!

- Great for browser development
- It can't do graphics! (Any pop up)



We'll be trying out Jupyter to use some of its features! Still limited.

How to Jupyter!

1. Go to <https://mybinder.org/>
2. Copy my repository link - https://github.com/JacobPooleCV/TPoole22_Sem2
3. Move to next page



Turn a Git repo into a collection of interactive
notebooks

Have a repository full of Jupyter notebooks? With Binder, open those notebooks in an executable environment, making your code immediately reproducible by anyone, anywhere.

New to Binder? Get started with a Zero-to-Binder tutorial in Julia, Python or R.

Build and launch a repository


GitHub repository name or URL



GitHub

Git ref (branch, tag, or commit) URL to open (optional)

HEAD File

Copy the URL below and share your Binder with others:



Expand to see the text below, paste it into your README to show a binder badge:  

How to Jupyter!



4. Paste my GitHub repo here

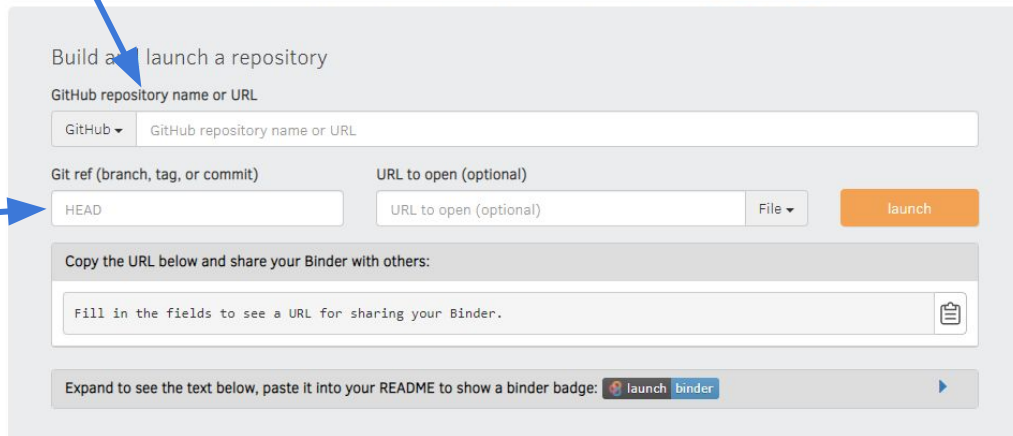
5. Then under Git ref
choose a branch to enter!

For example purposes type:
jupyter

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The image shows the Binder web interface. At the top, it says "Build and launch a repository". Below this is a form with two main sections. The first section is for the repository details, with a label "GitHub repository name or URL". It contains a dropdown menu set to "GitHub" and a text input field. The second section is for the Git reference, with a label "Git ref (branch, tag, or commit)". It contains a text input field with "HEAD" entered. To the right of this is a section for "URL to open (optional)" with another text input field and a "File" dropdown. A large orange "launch" button is positioned to the right of the "URL to open" section. Below the form, there is a section titled "Copy the URL below and share your Binder with others:" which contains a text area with the placeholder "Fill in the fields to see a URL for sharing your Binder." and a clipboard icon. At the very bottom, there is a section titled "Expand to see the text below, paste it into your README to show a binder badge:" followed by a small "launch binder" badge and a right-pointing arrow.

How to Jupyter!

It should look like this! Hit launch!

Build and launch a repository


GitHub repository name or URL

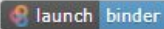

GitHub ▾

Git ref (branch, tag, or commit)

URL to open (optional) File ▾

Copy the URL below and share your Binder with others:



Expand to see the text below, paste it into your README to show a binder badge:  

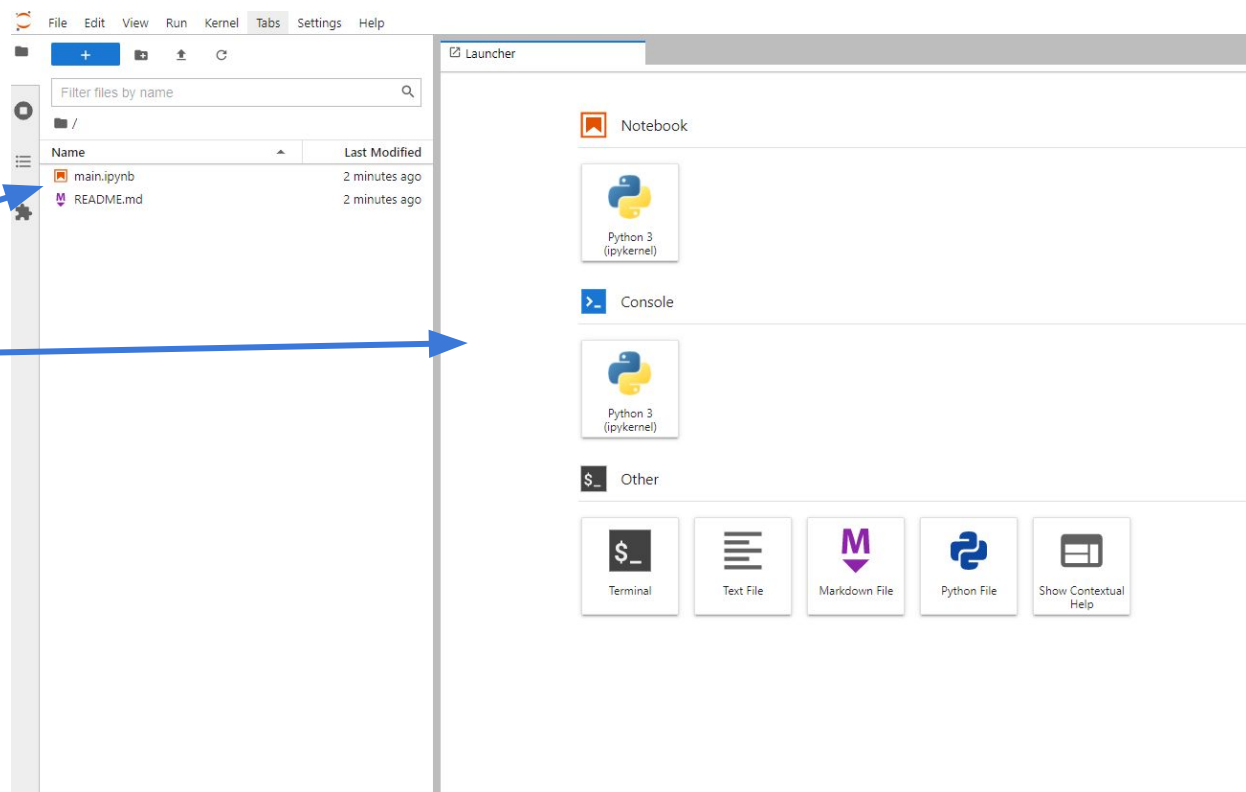
How to Jupyter!

Similar layout to Cloud9!

Folder stack here:

Editor here:

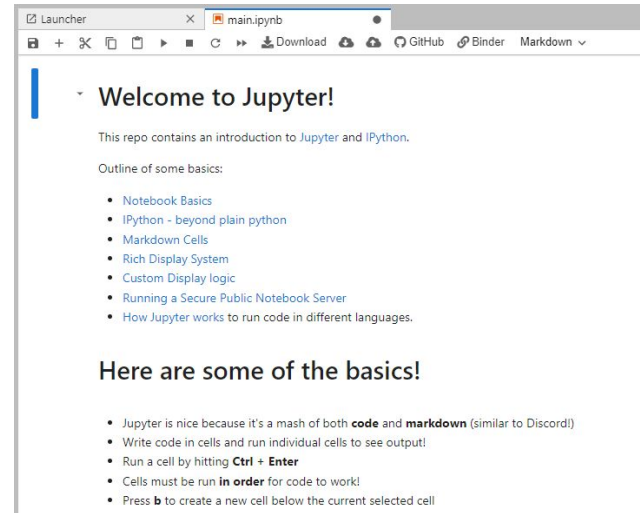
Select, **main.ipynb**



Now on Jupyter, follow example instructions!

NOTE: Code does not save on Jupyter,
copy what you want to save to AWS Cloud9

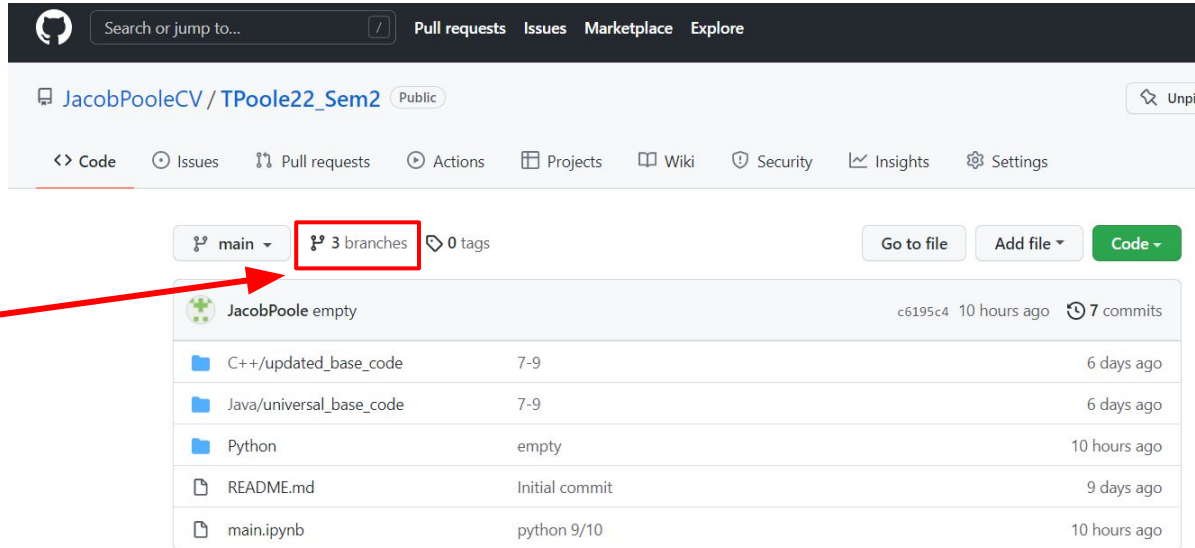
It also likes to crash when inactive,
so save consistently!



For future: Selecting a branch

On Github, you can see what branches are available!
Soon there will be more labs for you to practice with!

Branch
select!



Search or jump to...

Pull requests Issues Marketplace Explore

JacobPooleCV / TPool22_Sem2 Public

Code Issues Pull requests Actions Projects Wiki Security Insights Settings

main 3 branches 0 tags

Go to file Add file Code

JacobPoole	empty	c6195c4	10 hours ago	7 commits
C++/updated_base_code	7-9		6 days ago	
Java/universal_base_code	7-9		6 days ago	
Python	empty		10 hours ago	
README.md	Initial commit		9 days ago	
main.ipynb	python 9/10		10 hours ago	