

1. Install Julia

- Go to: <https://julialang.org/downloads/>, and install the current stable release v1.7.3.

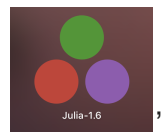
2. Install anaconda navigator

1. **Windows:** <https://docs.anaconda.com/anaconda/install/windows/>
2. **MacOS:** [Mac OS](#)
3. **Linux:** <https://docs.anaconda.com/anaconda/install/linux/>
4. If you are using other Operating Systems, please go to:
<https://docs.anaconda.com/anaconda/install/>, and choose the anaconda version most suitable:

- Installing on Windows
- Installing on macOS
- Installing on Linux
- Installing on AWS Graviton2 (arm64)
- Installing on Linux-s390x (IBM Z)
- Installing on Linux POWER
- Installing in silent mode
- Installing for multiple users
- Verifying your installation
- Anaconda installer file hashes
- Updating from older versions
- Using Anaconda on older operating systems
- Uninstalling Anaconda Distribution

3. Install Julia kernel used in Jupyter Notebook

- Open Julia command line:
 - Do this by either
 - i. **Mac, Windows:** double-clicking the Julia executable
 - ii. **Linux:** Invoking the julia executable from its previously installed location on your computer
 - In Pkg mode (type “]” can change to Pkg mode from Julia Mode), type: “add IJulia”



○ `[@v1.6) pkg> add IJulia`

(Note: can use “ctrl+c” exit the Pkg mode to Julia mode; use “]” to move to Pkg mode from Julia mode.)

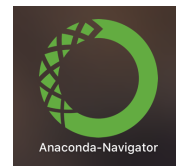
4. Install dependencies in Julia

- Also in the Julia command line, type:
 - `add https://github.com/AlgebraicJulia/StockFlow.jl`
 - `add OrdinaryDiffEq`
 - `add LabelledArrays`
 - `add Plots`
 - `add Catlab`
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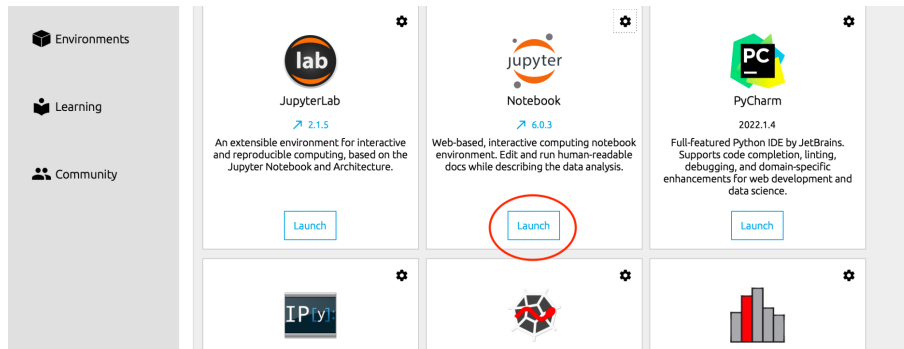
For example:

```
[@v1.6) pkg> add LabelledArrays
```

5. Create a new Notebook and Build your model



- Open Anaconda Navigator by double clicking the executable
- Click “Launch” under Jupyter Notebook, such as:



- In the Notebook Dashboard, click “New -> Julia 1.7.3”. Please note that if no such Julia option shows up, please go to Section 3 and add IJulia



(Please note, the Julia version on your side should be Julia 1.7.3)

- You just created a new Jupyter Notebook with Julia kernel and can write your code in the Notebook now.

6. Optional

- We can also open Julia in the Terminal command line
 - Type “julia” in terminal

Please

But, if you are using MacOS, probably you need to add the executable Julia to the path first by typing

“sudo ln -s /Applications/Julia-1.6.app/Contents/Resources/julia/bin/julia /usr/local/bin/julia”

In the terminal command line. For example:

