

Leaving the notebook

Jupyter to Script

You can convert a jupyter notebook to a script with:

```
$ jupyter nbconvert --to script [YOUR_NOTEBOOK].ipynb
```

You can even do this inside the notebook's cell with:

```
!jupyter nbconvert --to script [YOUR_NOTEBOOK].ipynb
```

Ways to have your code in your path:

- Be in the same directory as your file (this is what we will do today)
- A subdirectory with `__init__.py` file.
- Add the directory containing the file to your PATH
- Make your file into a package and install it (note: the book has a chapter on this)

Command Line Invocation

```
$ python3 [script].py
```

Invokes our script from the command line.

By adding

```
if __name__ == '__main__':  
    # Instructions for command line call go here  
    # A useful pattern is sys.exit(main())
```

Sidenote: Where do your tests go?

- 1-file projects:
 - In a file next to your code with a filename that starts with the word test
- Packages and modules:
 - Project level directory
 - code/src directory
 - tests directory