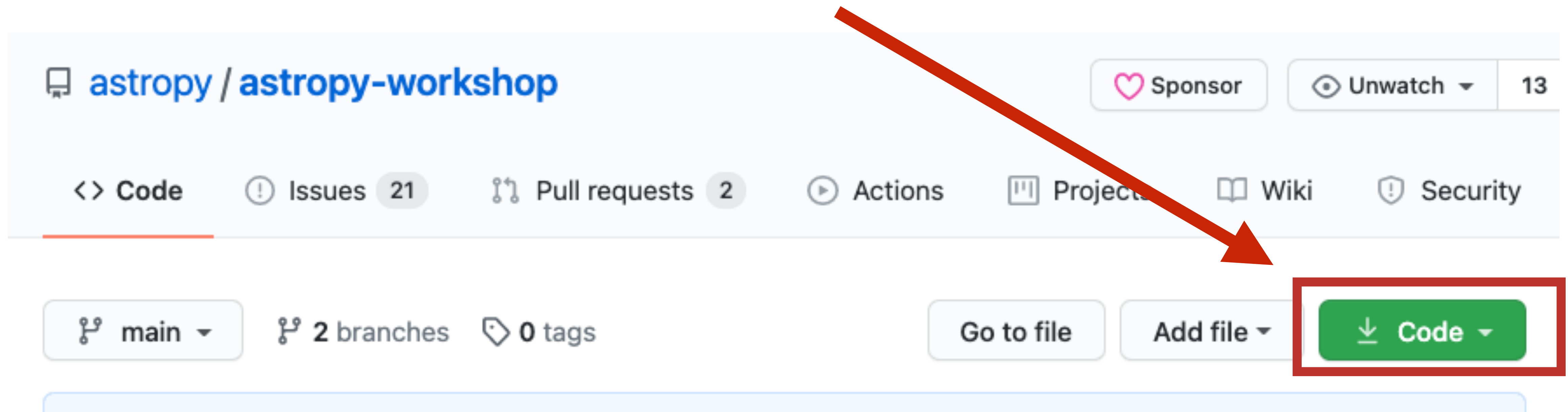


# check installation / setup

Clone the `astrophy-workshop` repository  
(or Download ZIP)



<https://github.com/astrophy/astrophy-workshop/>

# check installation / setup

Change directory to `astropy-workshop` and pull changes

```
git stash
```

```
git pull origin main
```

```
git stash pop
```

Activate environment with conda `activate astropy-workshop`

Run the check environment script:

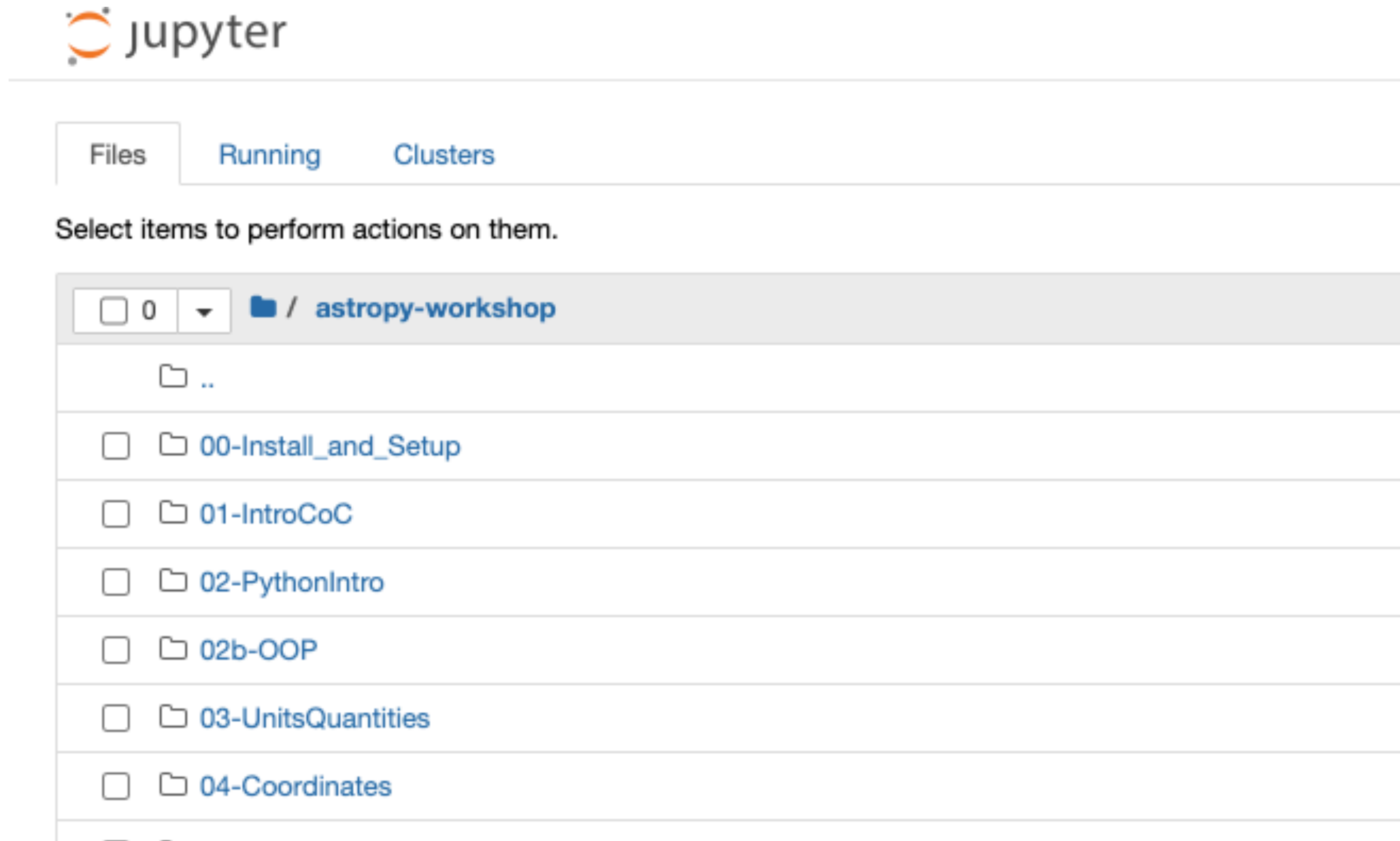
```
python 00-Install_and_Setup/check_env.py
```

You may need `pip install -U specutils`

and `pip install -U ccdproc`

<https://github.com/astropy/astropy-workshop/>

# run from top level



start `jupyter notebook` from `astropy-workshop` directory

# launch Binder instance

Launch a Binder instance with everything included

## PRE-WORKSHOP SETUP

---

Please be sure your laptop is properly configured before the workshop by following the [installation and setup instructions](#).

This could take as long as *one hour* depending on your current configuration and internet speeds.  
DO NOT WAIT UNTIL THE DAY OF THE WORKSHOP.

As an alternative, a workshop session can be run on mybinder.org via this link



## Schedule

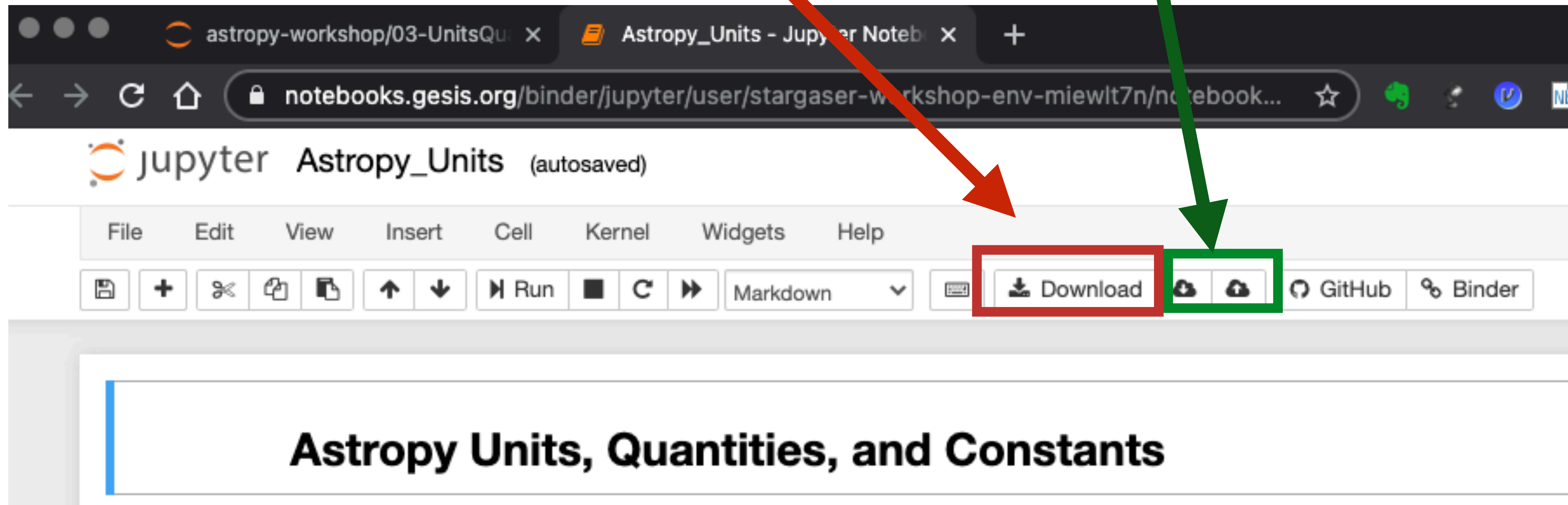
---

<https://github.com/astrophy/astrophy-workshop#pre-workshop-setup>

# handling Binder timeouts

Download notebook

save & restore from  
browser storage



<https://discourse.jupyter.org/t/getting-your-notebook-after-your-binder-has-stopped/3268>



# handling Binder timeouts

If your session times out (10 minutes idle), you can still save and restore each notebook tab; or download the notebook

During the break, you can execute in a new notebook cell

```
import time; time.sleep(10*60)
```

Benefit: the “launch:binder” will work after the workshop