



STAT analysis setup

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Starting Jupyter notebook

- Go to the docker base directory
- Update the **STAT** directory
 - If you haven't checked it out yet, do **git clone <https://github.com/JETSCAPE/STAT.git>** in the base directory
 - If you have checked it out some time ago, do a **git pull** inside the **STAT** folder to make sure things are up to date
- In the **STAT** folder, switch to the summer school branch:
git checkout JetScapeSummerSchool2020

Starting Jupyter notebook

- In the base directory, start docker as
`docker run --rm -it -p 8888:8888 -v `pwd`:/
home/jetscape-user --name stat jetscape/
base:v1.4` (add `--user $(id -u):$(id -g)` if on linux)
- In the container, enter the `STAT` directory, and start jupyter notebook as `jupyter-notebook --ip 0.0.0.0 --no-browser`

```
[I 09:57:59.319 NotebookApp] Use Control-C to stop this server and shut down all kernels (twice to skip confirmation).  
[C 09:57:59.332 NotebookApp] 1/jetscape-docker/STAT  
To access the notebook, open this file in a browser:  
file:///home/jetscape-user/.local/share/jupyter/runtime/nbserver-9-open.html  
Or copy and paste one of these URLs:  
http://127.0.0.1:8888/?token=fd91238546e5e215dba6db292c1b8ca064d4d23c3155b613  
or http://127.0.0.1:8888/?token=fd91238546e5e215dba6db292c1b8ca064d4d23c3155b613
```

Copy-paste this URL into your browser

If on remote workstation...

- When you ssh into the remote machine, please add the port forwarding option “-L 8888:127.0.0.1:8888”
- For example
`ssh -L 8888:127.0.0.1:8888`
`user@jetscape.edu`
- Then we can proceed as usual!