

II. Other Applications

March 29, 2018

Other Applications
Christian Ritter
critter@uvic.ca
Notebooks @ <https://github.com/chritter/Talks/blob/master/VicPiMakers>

0.1 Jupyter lab

- (Easy) launch with `jupyter lab`
- [JupyterLab.ipynb](#)

0.2 Jupyter Hub

- Addresses problem of multi-user or collaborative work
- Creates a API for user login
- Separate sessions for each user

Example of Jupyter Hub from the Computational Stellar Astrophysics group at the University of Victoria

<https://206-12-97-9.cloud.computecanada.ca/hub/login>

0.3 CyberLaboratories

- Published: <https://arxiv.org/abs/1802.02233>
- Open-source <https://github.com/cyberlaboratories/cyberhubs>
- Combining Jupyter notebooks, Jupyter lab & Jupyterhub

0.4 Other Applications worth checking out

- <https://colab.research.google.com>
- IBM Data Science (Watson), AWS, GC, provide Jupyter support