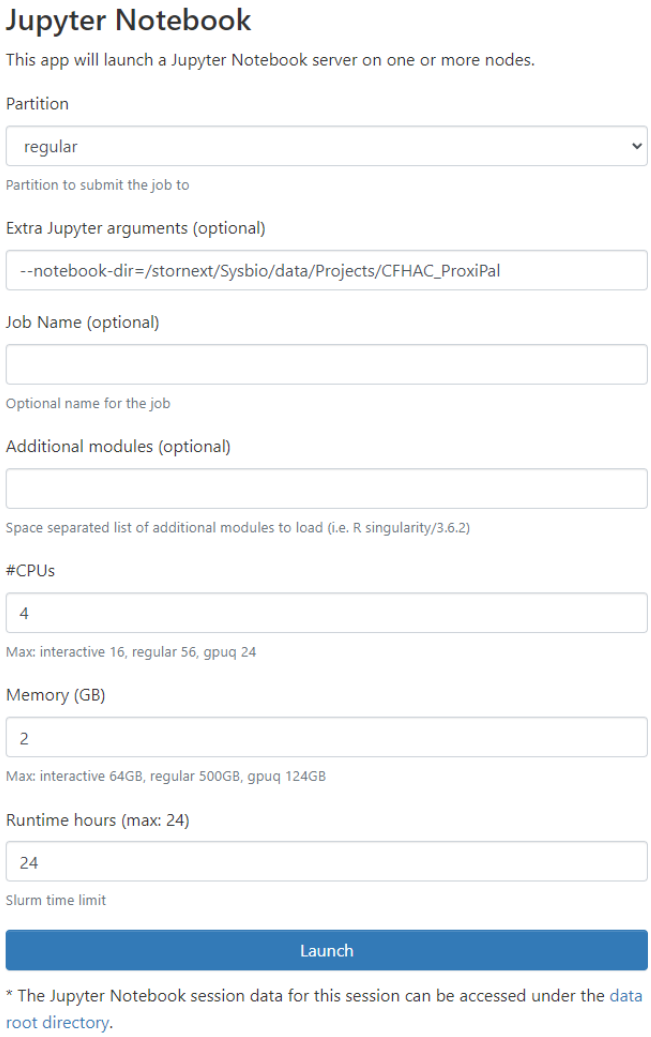
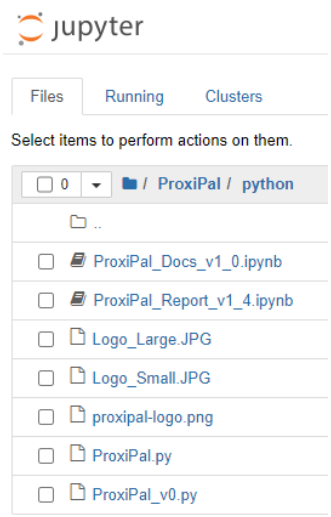
Run ProxiPal on WEHI compute

1. Visit: https://rap.wehi.edu.au/global-protect/portal/portal.esp
2. Choose: OnDemand
3. Choose: Jupyter Notebook
4. Request a Notebook Server as below.

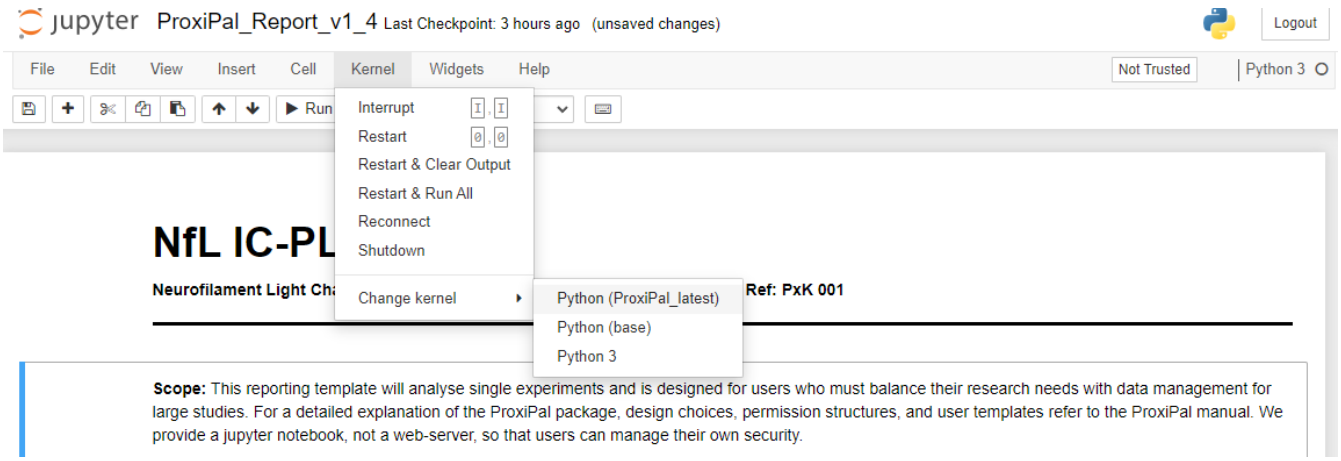
Copy this: *--notebook-dir=/stornext/Sysbio/data/Projects/CFHAC_ProxiPal*



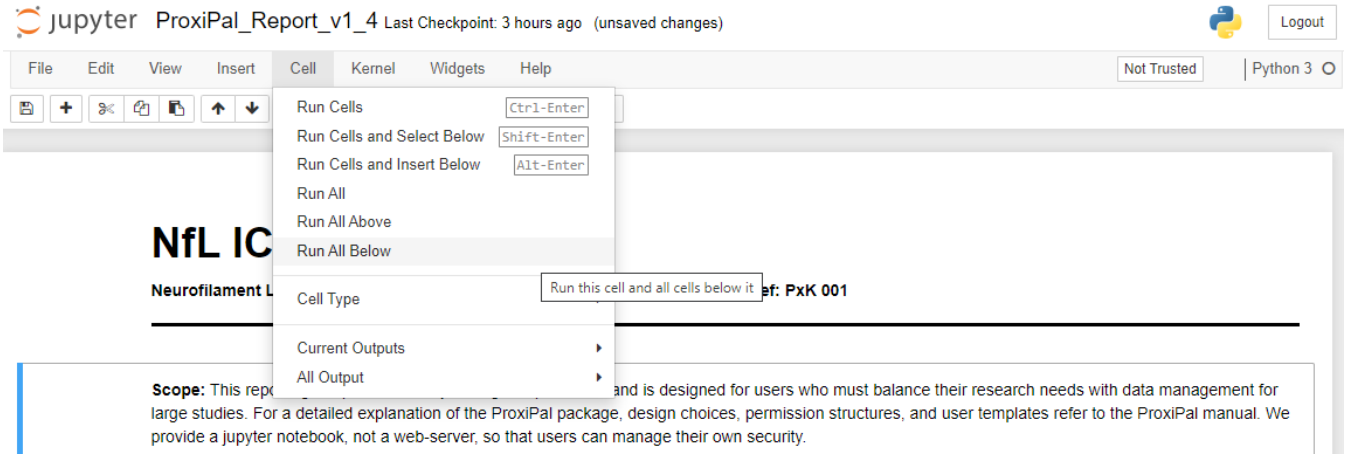
5. Click “Connect to Jupyter”, then choose *ProxiPal > Python > ProxiPal_Report_v1_4.ipynb*
NB. If you haven’t set up your WEHI compute profile then follow the steps in the appendix



6. Switch the kernel to *"ProxiPal"*



7. Then, initialise the report by running all cells below the red text.



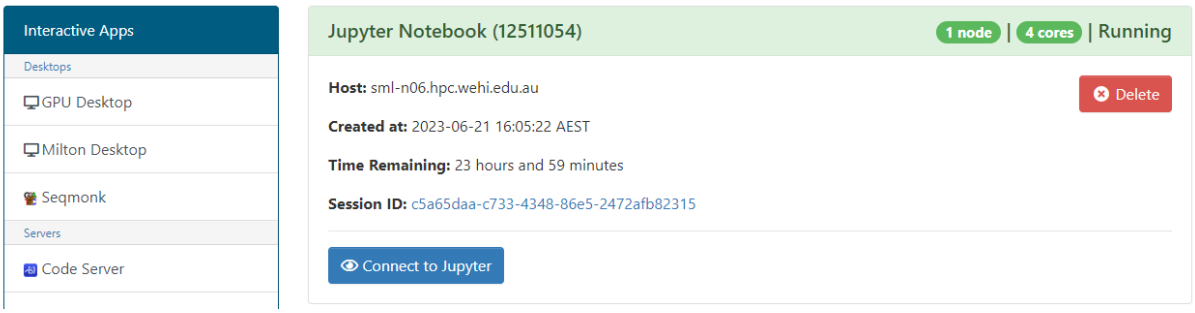
8. Once initialised you can use the "Toggle Code Cells" button to close all the code cells. Use the buttons to navigate the report.

NB: Because WEHI Jupyter Notebook Servers don't have nbconvert installed you wont be able to use Qgrid, or export to html/pdf.

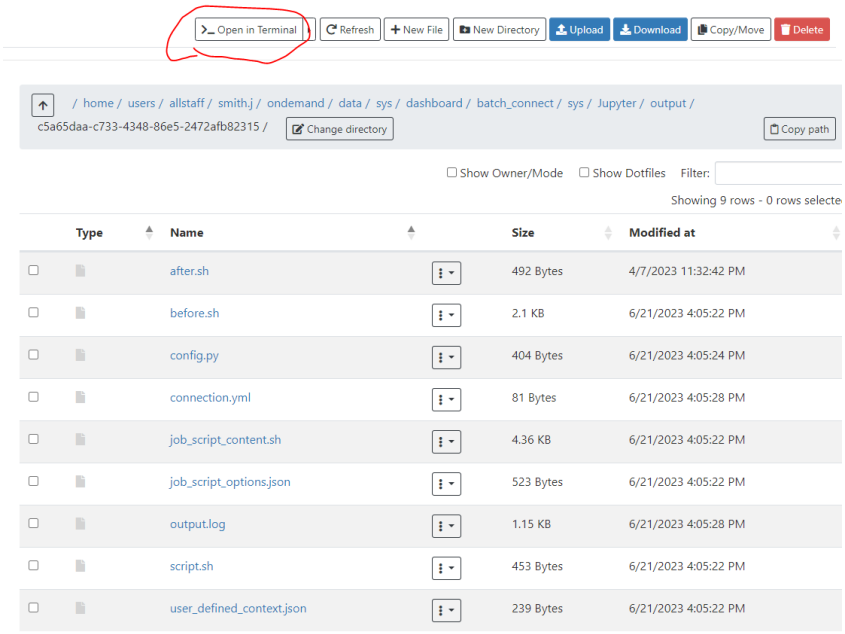
If you want to save an html or pdf report I recommend you install a chrome add-on like "Save Page WE"
https://chrome.google.com/webstore/detail/save-page-we/dhhpefjklgkmgeafimnjhojgjamoafof

Appendix: Set up your WEHI compute profile for ProxiPal

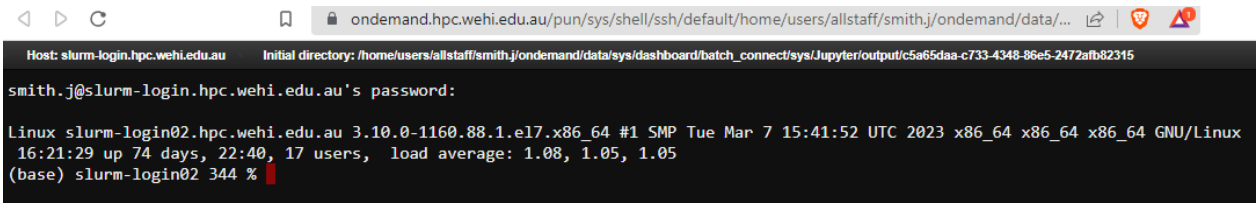
A. After getting your Notebook server, click on the hashkey next to *"Session ID"*



B. Then "Open Terminal"



C. You'll get a Linux Bash terminal.



D. now substitute "smith.j" for your username and enter one line at a time as below:

```
module load anaconda3/latest
conda init
conda activate base
python -m ipykernel install --user --name base --display-name "Python (base)"
conda create -p /home/users/allstaff/smith.j/myenvs/ProxiPal_latest
conda activate /home/users/allstaff/smith.j/myenvs/ProxiPal_latest
python -m ipykernel install --user --name ProxiPal --display-name "Python (ProxiPal)"
conda install -c conda-forge qgrid
conda install -c anaconda scikit-learn
conda install -c plotly plotly
conda deactivate
conda activate /home/users/allstaff/smith.j/myenvs/ProxiPal_latest
```

E. You can return to step 5.