As of 19 April 2023, all **ARE** jobs have access to the internet, so for normal interactive usage there is no longer a need to specify the **copyq** queue.

Large data transfers should still be performed via the **copyq**, as there is limited internet bandwidth available for jobs in the normal queues.

JupyterLab version: 6e4fe1e

Launch a JupyterLab session

Walltime (hours)

3

Number of hours your jupyter session can run (maximum). e.g. 1.5, 8, 24, 48

Queue

gpuvolta

Compute Size

1gpu

Amount of CPU/Memory resources available to your jupyter session

Project

vp91

Project to submit gadi job under; requires an SU allocation

Storage

scratch/vp91

gdata/cj50 gdata/il82 gdata/z00 scratch/cj50 scratch/ge64 scratch/il82

Software

abaqus abaqus_rmit adf ansys_monash ansys_mq ansys_nci ansys_rmit

I would like to receive an email when the session starts

Advanced options ...

Extra arguments

Space-separated list of additional arguments to pass on the jupyterlab commandline

Module directories

Include module directories, eg **/g/data/hr22/modulefiles** (the equivalent of 'module use /g/data/hr22/modulefiles' on the command line). Make sure you add any **storage** option (above) required to access the directory (eg gdata/hr22 in this example)

Modules

python3/3.11.0 cuda/12.3.2

Space-separated list of modules to load, eg **julia/1.9.1 R/4.3.1** (the equivalent of 'module load julia/1.9.1 R/4.3.1' on the command line)

Python or Conda virtual environment base

/scratch/vp91/Training-Venv/intro-parallel-prog

Activates a Conda or Python virtual environment eg **/g/data/my1/abc123/conda** (the equivalent of 'source /g/data/my1/abc123/conda/bin/activate' on the command line). Make sure you add any **storage** option (above) needed to access the environment (gdata/my1 in this example)

Conda environment

Activates a specific conda environment within a conda install eg **myenv**. Requires the path to the conda base environment above (the equivalent of 'conda activate myenv' on the command line)

Environment variables

Space-separated list of environment variables to define (via pbs 'qsub -v') e.g. NAME="VALUE"

Jobfs size

The maximum amount of local disk available to the session. e.g. 10GB, 100MB

PBS flags

Define any extra pbs qsub flags.

Pre-script

A script / executable to run prior to starting app. Note: must have executable permission set

SU estimate
12 cpu cores + 95GB mem on gpuvolta queue (3 SUs/core/h) for 3h = 108 SUs

Launch

* The JupyterLab session data for this session can be accessed under the data root directory.