

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.

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Interactive Apps

Desktops

VDI Desktop

VDI Desktop - GPU-enabled

Servers

JupyterLab

RStudio

RStudio (Rocker image)

JupyterLab version: c8c521f

Launch a JupyterLab session

Walltime (hours)

3

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

Queue

normal

Compute Size

xlarge

Amount of CPU/Memory resources available to your jupyter session

Project

vp91

Project to submit gadi job under; requires an SU allocation

Storage

gdata/cj50 gdata/il82 gdata/nf47 gdata/z00 scratch/cj50
scratch/il82 scratch/nf47

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/12.0.0

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/dask/dask-venv

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
24 cpu cores + 95GB mem on normal queue (2
SUs/core/h) for 3h = 144 SUs

Launch

* The JupyterLab session data for this session can be accessed under the [data root directory](#).