

Hyak HOWTO

This page contains a list of HOWTO documents for carrying out specific tasks on hyak. For historical reasons some links start with Hyak_ and some start with Mox_. However, most articles are valid for both ikt and mox.

[Hyak_linux_command_line](#)

[Hyak_text_editor](#)

[Mox_scheduler](#)

[Hyak_files](#)

[Hyak_modules](#)

[Hyak R programming](#)

[Hyak RStudio](#)

[Hyak R ggplot2](#)

[Hyak building code](#)

[Hyak installing open source software](#)

[Hyak installing PETSc](#)

[Hyak python programming](#)

[Hyak_IPython_Jupyter](#)

[Mox_mpi4py](#)

[Hyak mpi4py](#)

[Hyak python dask](#)

[Hyak spark](#)

[Hyak hadoop](#)

[Hyak java programming](#)

[Hyak MATLAB programming](#)

[Hyak Julia programming](#)

[Hyak CPU Usage](#)

[Hyak multiple terminals](#)

[Hyak Windows](#)

[Hyak Windows file transfer](#)

[Hyak Mac file transfer](#)

[Hyak Linux file transfer](#)

[Hyak lolo file transfer](#)

[bbcp for high speed file transfer for Linux and Mac:](#)

[Hyak bbcp](#)

[Hyak gnu parallel](#)

[Hyak multiple queues](#)

[Hyak totalview debugger](#)

[Hyak intel mpi](#)

[Hyak fortran](#)

[Hyak gfortran4.8 gcc4.8](#)

[Hyak gfortran4.9 gcc4.9](#)

Hyak gfortran6.3 gcc6.3
Hyak git1.8
Hyak git2.4
Hyak Visit
Hyak Paraview
Hyak CESM
Hyak SAM
Hyak WRF
Hyak netcdf
Hyak hdf5
Hyak cp2k
Hyak bowtie2
Hyak cutadapt
Hyak gurobi
Hyak emacs
Hyak S4
Hyak MEEP
Hyak relion
Hyak hyperion
Hyak cpp11
Hyak Mathematica
Hyak QGIS
Hyak GIS
Hyak MATLAB GPU
Hyak ABAQUS
Hyak Stacks
Hyak fsps
Hyak emcee
Hyak prospector
Hyak_ansys17
Hyak_python_netcdf
Hyak_disk_quota
Hyak_lolo_backup
Hyak_account_creation
Hyak_hpc_club
Hyak_high_memory
Hyak_tensorflow
Hyak_python_healpy
Hyak_bpp_evolution
Hyak_avx

Hyak_ssh
Hyak_lapack
Hyak_fftw
Hyak_intel_mkl
Hyak_cfitsio
Hyak_interactive_multiple_nodes
Hyak_fortran_quad_precision
Hyak_C_long_double
Hyak_python_decimal
Hyak_julia_bigfloat
Hyak_node_local_disk
Hyak_internet
Hyak_memory
Hyak_gromacs2016
Hyak_spack
Hyak_netcdf_gfortran
Hyak_glibc
Hyak_ssh_timeout
Mox_scheduler
Mox_pbs_to_slurm
Mox_pbs_nodefile
Mox_gui
Mox_mpi
Mox_hyak_file_transfer
Mox_ipython_jupyter
Mox_internet
Mox_fluent
Mox_multiple_queues_groups
Mox_cp2k
Mox_Gaussian
Mox_mathematica
Mox_poppler
Mox_checkpoint
Mox_hdf5
Mox_TMPDIR
Mox_gpu
Mox_gnu_parallel
Mox_ruby
Mox_genga
Mox_Rstan

Mox_VecLib
Mox_ranlib
Mox_quantum_computing_qutip
Mox_memory_cpu_usage
Mox_OpenSees
Mox_OpenSees_MP
Mox_OpenSees_Tutorial
Mox_genpool
Hyak_ikt_shutdown
Mox_bioawk
Mox_building_hdf5
Mox_building_netcdf
Mox_healpix
Mox_NGSolve
Mox_singularity
Mox_docker
Mox_job_array
Mox_per_core_scheduling
Mox_NAMD
Mox_NWChem