

List of DISCOVERY Apps

Last Updated: 5/31/2024

----- /cm/local/modulefiles -----

boost/1.81.0	ipmitool/1.8.19
cluster-tools/10.0	lua/5.4.6
cm-bios-tools	luajit
cm-image/10.0	mariadb-libs
cm-scale/cm-scale.module	module-git
cm-setup/10.0	module-info
cmake-gcc11/3.21.3	null
cmd	openldap
cmjob	python3
cmsh	python311
cuda-dcgm/3.1.8.1	python39
dot	rocm-smi/4.3.0
freeipmi/1.6.10	shared (L)
gcc/13.1.0	(L) slurm/rithpc/23.02.7 (L)

----- /usr/share/modulefiles -----

DefaultModules (L) mpi/mpich-x86_64

----- /cm/shared/modulefiles -----

ANTs/2.5.1

IGV_tools/2.17.4
JAGS/4.3.2
Nextflow/23.10.1
R/4.3.2+Bioconductor
R/4.3.2
R/4.4.0+Bioconductor
R/4.4.0 (D)
RSEM/1.3.3
SAS/9.4
STAR-Fusion/1.13.0
STAR/2.7.11b
anaconda3/2023.09
arriba/2.4.0
azcopy/10.24.0
bamaddrg/1.0.0
bamtools/2.5.2
bcftools/1.19
bcl2fastq/2.20
bedtools/2.31.0
bismark/0.24.2
blacs/openmpi/gcc/64/1.1patch03
blas/gcc/64/3.11.0
blast/2.15.0
blat/3.5.0

bonnie++/2.00a
bowtie/1.3.1
bowtie2/2.5.3
bs/1.5.4
bustools/0.43.2
bwa/0.7.17
cellranger-arc/2.0.2
cellranger-atac/1.2.0
cellranger-atac/2.1.0 (D)
cellranger/7.1.0
cellranger/7.2.0 (D)
charm++/7.0.0
cm-pmix3/3.1.7
cm-pmix4/4.1.3
controlcfreec/11.6.0
cub-cuda11.8/1.17.2
cuda11.7/blas/11.7.1
cuda11.7/fft/11.7.1
cuda11.7/nsight/11.7.1
cuda11.7/profiler/11.7.1
cuda11.7/toolkit/11.7.1
cuda11.8/blas/11.8.0
cuda11.8/fft/11.8.0
cuda11.8/nsight/11.8.0

cuda11.8/profiler/11.8.0
cuda11.8/toolkit/11.8.0
cuda12.0/blas/12.0.1
cuda12.0/fft/12.0.1
cuda12.0/nsight/12.0.1
cuda12.0/profiler/12.0.1
cuda12.0/toolkit/12.0.1
cuda12.1/blas/12.1.1
cuda12.1/fft/12.1.1
cuda12.1/nsight/12.1.1
cuda12.1/profiler/12.1.1
cuda12.1/toolkit/12.1.1
cuda12.2/blas/12.2.2
cuda12.2/fft/12.2.2
cuda12.2/toolkit/12.2.2
cudnn8.6-cuda11.8/8.6.0.163
cudnn8.8-cuda12.0/8.8.1.3
cudnn8.8-cuda12.1/8.8.1.3
cudnn8.9-cuda12.0/8.9.4.25
cudnn8.9-cuda12.1/8.9.4.25
cudnn8.9-cuda12.2/8.9.4.25
cutensor-cuda11.8/1.3.1.3
default-environment
fastqc/0.12.1

fftw3/openmpi/gcc/64/3.3.10
gcc11/11.3.0
gdb/13.1
globalarrays/openmpi/gcc/64/5.8
hdf5/1.14.0
hdf5_18/1.8.21
htslib/1.19.1
hwloc/1.11.13
hwloc2/2.8.0
intel-one-tbb/2021.12.0
iozone/3.494
itksnap/3.6.0
kallisto/0.50.1
lapack/gcc/64/3.11.0
mathematica/14.0
matlab/2023b
minimap2/2.26.0
mixcr/4.3.2
ml-pythondeps-py39-cuda11.8-gcc11/4.12.0
mpich/ge/gcc/64/4.1.1
multiqc/1.20
mvapich2/gcc/64/2.3.7
nccl2-cuda11.8-gcc11/2.16.5
nccl2-cuda12.0-gcc11/2.18.3

nccl2-cuda12.1-gcc11/2.18.3
nccl2-cuda12.2-gcc11/2.18.3
netcdf/gcc/64/gcc/64/4.9.2
netperf/2.7.0
nvhpc-byo-compiler/23.11
nvhpc-hpcx-cuda11/23.11
nvhpc-hpcx-cuda12/23.11
nvhpc-hpcx/23.11
nvhpc-nompi/23.11
nvhpc-openmpi3/23.11
nvhpc/23.11
openblas/dynamic/0.3.18
openmpi/gcc/64/4.1.5
openmpi4/gcc/4.1.5
pizzly/0.37.3
proot/5.3.1
protobuf3-gcc11/3.9.2
pytorch-extra-py39-cuda11.8-gcc11/1.13.0
pytorch-py311-cuda12.1-gcc11/2.2.0
pytorch-py39-cuda11.8-gcc11/1.13.0
rclone/1.66.0
relion/4.0.1
samtools/1.19.2
sbggrid/x86_64_Linux

sentieon/202308.02

spaceranger/2.1.1

sratoolkit/3.0.10

tensorflow2-py39-cuda11.8-gcc11/2.11.0

ucx/1.10.1

vmd/1.9.3

xeniumranger/1.6.0