

List of DISCOVERY Apps

Last Updated: 7/29/2024

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

ANTs/2.5.1	AZ_StorageExp/1.0.0
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----- /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)

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

ANTs/2.5.1
AZ_StorageExp/1.0.0
IGV_tools/2.17.4
JAGS/4.3.2
Nextflow/23.10.1
OpenPMIx/5.0.2
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

alphafold2/2.3.2

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

cuda12.3/blas/12.3.2

cuda12.3/fft/12.3.2

cuda12.3/nsight/12.3.2

cuda12.3/profiler/12.3.2

cuda12.3/toolkit/12.3.2

cuda12.3/cudnn8.6-cuda11.8/8.6.0.163

cuda12.3/cudnn8.8-cuda12.0/8.8.1.3

cuda12.3/cudnn8.8-cuda12.1/8.8.1.3

cuda12.3/cudnn8.9-cuda12.0/8.9.4.25

cuda12.3/cudnn8.9-cuda12.1/8.9.4.25

cuda12.3/cudnn8.9-cuda12.2/8.9.4.25

cuda12.3/cudnn8.9-cuda12.3/8.9.6.50

cuda12.3/cudnn9.1-cuda12.2/9.1.0.70

cuda12.3/cudnn9.1-cuda12.3/9.1.0.70

cutensor-cuda11.8/1.3.1.3
default-environment
fastqc/0.12.1
fftw3/openmpi/gcc/64/3.3.10
gMicroMC/2.0
gcc11/11.3.0
gdb/13.1
globalarrays/openmpi/gcc/64/5.8
hdf5/1.14.0
hdf5_18/1.8.21
hpl/2.3
htslib/1.19.1
hwloc/1.11.13
hwloc2/2.8.0
imagej/1.54
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
namd-multicore/3.0.0-namd-multicore-CUDA
namd-multicore/3.0.0-namd-multicore (D)
ncbi-CXXtoolkit/28.0.6
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

plink/1.90
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
sbgrid/x86_64_Linux
scaLAPACK/2.2.0
sentieon/202308.02
spaceranger/2.1.1
spaceranger/3.0.1 (D)
sratoolkit/3.0.10
star-Fusion/1.13.0
star/2.7.11b
tensorflow2-py39-cuda11.8-gcc11/2.11.0
ucx/1.10.1
vgtools/1.58.0
vmd/1.9.3
xeniumranger/1.6.0