

List of Software Installed on Supercomputer

S#	Software Name	Version/Year	Environment Variable(s) to be Added to Startup Script Files (.bashrc & .bash_profile)
1	TURBOMOLE	6.6	Access will be provided upon request
2	Gaussian	9	Access will be provided upon request
3	ANSYS - Workbench/ Fluent	16.1	Access will be provided upon request
4	CHARMM	40b1	Access will be provided upon request
5	AMBER	12/ 16	Amber 12 export PATH=\$PATH:/share/apps/packages/amber/amber12/bin export LD_LIBRARY_PATH=\$LD_LIBRARY_PATH:/share/apps/packages/amber/amber12/lib Amber 16 export PATH=\$PATH:/share/apps/packages/amber/amber16/bin export LD_LIBRARY_PATH=\$LD_LIBRARY_PATH:/share/apps/packages/amber/amber16/lib
6	Screen	4.0.3	Default system location - No environment variable is required
7	Desmond	2016	export SCHRODINGER=/share/apps/packages/desmond/Desmond_Maestro_2016.2/installation
8	R-Statistical	3.2.3/ 3.4.2	R-3.2.3 (32-bit) export PATH=\$PATH:/share/apps/packages/R/R-3.2.3/bin export LD_LIBRARY_PATH=\$LD_LIBRARY_PATH:/share/apps/packages/R/R-3.2.3/lib (64-bit) export PATH=\$PATH:/share/apps/packages/R/R-3.2.3/lib64/R/bin export LD_LIBRARY_PATH=\$LD_LIBRARY_PATH:/share/apps/packages/R/R-3.2.3/lib64/R/lib R-3.4.2 (Dependencies: Bzip2, Libiconv, PCRE, XZ, Zlib, Curl) (32-bit) export PATH=\$PATH:/share/apps/packages/R/R-3.4.2/bin export LD_LIBRARY_PATH=\$LD_LIBRARY_PATH:/share/apps/packages/R/R-3.4.2/lib (64-bit) export PATH=\$PATH:/share/apps/packages/R/R-3.4.2/lib64/R/bin export LD_LIBRARY_PATH=\$LD_LIBRARY_PATH:/share/apps/packages/R/R-3.4.2/lib64/R/lib
9	Moloc	2015	export PATH=\$PATH:/share/apps/packages/moloc/moloc/bin
10	Jasper	1.900.1	Default system location - No environment variable is required
11	Grib-API	1.13.1	export PATH=\$PATH:/share/apps/packages/lexpart/grib_api-1.13.1/bin export LD_LIBRARY_PATH=\$LD_LIBRARY_PATH:/share/apps/packages/lexpart/grib_api-1.13.1/lib
12	Flexpart	90.02	export PATH=\$PATH:/share/apps/packages/lexpart
13	MPI Blast	1.6.0	Default system location - No environment variable is required
14	Modeller	9.15	export PATH=\$PATH:/share/apps/packages/modeller/modeller-9.15/bin export LD_LIBRARY_PATH=\$LD_LIBRARY_PATH:/share/apps/packages/modeller/modeller-9.15/lib
15	Gromacs	4.6.7/ 5.1	export PATH=\$PATH:/share/apps/packages/gromacs/gromacs-4.6.7/build/bin export LD_LIBRARY_PATH=\$LD_LIBRARY_PATH:/share/apps/packages/gromacs/gromacs-4.6.7/build/lib OR export PATH=\$PATH:/share/apps/packages/gromacs/gromacs-5.1/build-gromacs/bin export LD_LIBRARY_PATH=\$LD_LIBRARY_PATH:/share/apps/packages/gromacs/gromacs-5.1/build-gromacs/lib64
16	VMD	1.9.2	export PATH=\$PATH:/share/apps/packages/vmd/vmd-1.9.2beta1/installation/vmd export LD_LIBRARY_PATH=\$LD_LIBRARY_PATH:/share/apps/packages/vmd/vmd-1.9.2beta1/installation/vmd
17	WRF/Chem		export PATH=\$PATH:/share/apps/packages/wrf/WRFV3/main
18	WPS		export PATH=\$PATH:/share/apps/packages/wrf/WPS
19	PROJ	4.9.1	export PATH=\$PATH:/share/apps/packages/grass-gis/proj-4.9.1/bin export LD_LIBRARY_PATH=\$LD_LIBRARY_PATH:/share/apps/packages/grass-gis/proj-4.9.1/lib
20	GRASS-GIS	6.4.5	export PATH=\$PATH:/share/apps/packages/grass-gis/grass-6.4.5/bin export LD_LIBRARY_PATH=\$LD_LIBRARY_PATH:/share/apps/packages/grass-gis/grass-6.4.5/lib
21	ImpactFEA 0.7.06.042	0.7.06.042	export PATH=\$PATH:/share/apps/packages/impact/Impact
22	SciLab	5.5.2	export PATH=\$PATH:/share/apps/packages/scilab/scilab-5.5.2/bin export LD_LIBRARY_PATH=\$LD_LIBRARY_PATH:/share/apps/packages/scilab/scilab-5.5.2/lib
23	TINKER	7.1.2	export PATH=\$PATH:/share/apps/packages/tinker/bin-linux64
24	Grace	5.1.25	export PATH=\$PATH:/share/apps/packages/grace/grace-5.1.25/grace/bin export LD_LIBRARY_PATH=\$LD_LIBRARY_PATH:/share/apps/packages/grace/grace-5.1.25/grace/lib
25	NAMD	2.1	export PATH=\$PATH:/share/apps/packages/namd/NAMD_2.10_Linux-x86_64-ibverbs-smp-CUDA export LD_LIBRARY_PATH=\$LD_LIBRARY_PATH:/share/apps/packages/namd/NAMD_2.10_Linux-x86_64-ibverbs-smp-CUDA:/share/apps/packages/namd/NAMD_2.10_Linux-x86_64-ibverbs-smp-CUDA/lib
26	Molden	5.5	export PATH=\$PATH:/share/apps/packages/molden/molden5.5
27	FastQC	0.11.4	export PATH=\$PATH:/share/apps/packages/fastqc/FastQC

List of Software Installed on Supercomputer

S#	Software Name	Version/Year	Environment Variable(s) to be Added to Startup Script Files (.bashrc & .bash_profile)
28	Cutadapt	1.9.1	export PATH=\$PATH:/share/apps/packages/cutadapt/cutadapt-1.9.1/installation/bin export LD_LIBRARY_PATH=\$LD_LIBRARY_PATH:/share/apps/packages/cutadapt/cutadapt-1.9.1/installation/lib64
29	SAMTools	1.3	export PATH=\$PATH:/share/apps/packages/samtools/samtools-1.3/bin
30	BCFTools	1.3	export PATH=\$PATH:/share/apps/packages/bcftools/bcftools-1.3/bin
31	Delly	0.7.2	export PATH=\$PATH:/share/apps/packages/delly/delly/src
32	SOAPdenovo	2.04-r240	export PATH=\$PATH:/share/apps/packages/soapdenovo/SOAPdenovo2-src-r240
33	Manta	3.1b6	export PATH=\$PATH:/share/apps/packages/manta/manta-3.1b6/bin
34	BWA	0.7.13	export PATH=\$PATH:/share/apps/packages/bwa/bwa-0.7.13
35	Bowtie	1.1.2	export PATH=\$PATH:/share/apps/packages/bowtie/bowtie-1.1.2
36	GenomeAnalysisTK	3.5	GATK="/share/apps/packages/gatk/GenomeAnalysisTK.jar"
37	TopHat	2.1.1	export PATH=\$PATH:/share/apps/packages/tophat/tophat-2.1.1.Linux_x86_64
38	STAR	2.4	export PATH=\$PATH:/share/apps/packages/star/STAR-STAR_2.4.2a/source
39	Cufflinks	2.2.1	export PATH=\$PATH:/share/apps/packages/cufflinks/cufflinks-2.2.1.Linux_x86_64
40	MEAD	3.12	export PATH=\$PATH:/share/apps/packages/mead/mead/bin export LD_LIBRARY_PATH=\$LD_LIBRARY_PATH:/share/apps/packages/mead/mead/lib
41	SVDetect	0.7	export PATH=\$PATH:/share/apps/packages/svdetect/SVDetect_r0.7m/bin
42	Picard Tools	1.119	Parent Directory /share/apps/packages/picardtools/picard-tools-1.119
43	GALAXY	3	Parent Directory /share/apps/packages/galaxy/galaxy
44	Plink	1.07	export PATH=\$PATH:/share/apps/packages/plink/plink-1.07-x86_64
45	PanCGP	-	export PANCGRP=/share/apps/packages/pancgp/depends export PANBLAST=/share/apps/packages/pancgp/depends/blast/bin
46	Lemur IR Toolkit	4.12	export PATH=\$PATH:/share/apps/packages/lemur/lemur-4.12/bin export LD_LIBRARY_PATH=\$LD_LIBRARY_PATH:/share/apps/packages/lemur/lemur-4.12/lib
47	MGIZA	0.7.0	export PATH=\$PATH:/share/apps/packages/mgiza/mgiza/mgizapp/manual-compile
48	GIZA++	1.0.3	export PATH=\$PATH:/share/apps/packages/giza-pp/giza-pp/GIZA++-v2:/share/apps/packages/giza-pp/giza-pp/mkcls-v2
49	IRSTLM	5.8	export PATH=\$PATH:/share/apps/packages/irstlm/irstlm-5.80.08/trunk/bin export LD_LIBRARY_PATH=\$LD_LIBRARY_PATH:/share/apps/packages/irstlm/irstlm-5.80.08/trunk/lib
50	SRILM	1.7.1	export PATH=\$PATH:/share/apps/packages/srilm/bin export LD_LIBRARY_PATH=\$LD_LIBRARY_PATH:/share/apps/packages/srilm/lib/i686-m64
51	CMPH	2	export PATH=\$PATH:/share/apps/packages/cmph/cmph-2.0/bin export LD_LIBRARY_PATH=\$LD_LIBRARY_PATH:/share/apps/packages/cmph/cmph-2.0/lib
52	MosesSMT	-	export PATH=\$PATH:/share/apps/packages/mosses/mosesdecoder-master/bin export LD_LIBRARY_PATH=\$LD_LIBRARY_PATH:/share/apps/packages/mosses/mosesdecoder-master/lib
53	MPI Express	0.44	export MPI_HOME=/share/apps/packages/mpj-express/mpj-v0.44/ export PATH=\$PATH:\$MPI_HOME/bin
54	Leptonica	1.72	export PATH=\$PATH:/share/apps/packages/tesseract-ocr/leptonica-1.72/bin export LD_LIBRARY_PATH=\$LD_LIBRARY_PATH:/share/apps/packages/tesseract-ocr/leptonica-1.72/lib
55	Tesseract-OCR	3.05	export PATH=\$PATH:/share/apps/packages/tesseract-ocr/tesseract-master/bin export LD_LIBRARY_PATH=\$LD_LIBRARY_PATH:/share/apps/packages/tesseract-ocr/tesseract-master/lib
56	ImageMagick	6.7.2.7	Default system location - No environment variable is required
57	OpenFOAM	2.1.1	source /share/apps/packages/OpenFOAM/OpenFOAM-2.1.1/etc/bashrc export ParaView_DIR=/share/apps/packages/OpenFOAM/ThirdParty-2.1.1/platforms/linux64Gcc/paraview-3.12.0 export PV_PLUGIN_PATH=\$FOAM_LIBBIN/paraview-3.12 export FOAM_SITE_APPBIN=/share/apps/packages/OpenFOAM/OpenFOAM-2.1.1/platforms/linux64GccDPOpt/bin export FOAM_USER_APPBIN=/share/apps/packages/OpenFOAM/OpenFOAM-2.1.1/platforms/linux64GccDPOpt/bin export PATH=\$ParaView_DIR/bin:\$FOAM_SITE_APPBIN:\$FOAM_USER_APPBIN:\$PATH export FOAM_SITE_LIBBIN=/share/apps/packages/OpenFOAM/OpenFOAM-2.1.1/platforms/linux64GccDPOpt/lib export FOAM_USER_LIBBIN=/share/apps/packages/OpenFOAM/OpenFOAM-2.1.1/platforms/linux64GccDPOpt/lib export LD_LIBRARY_PATH=\$FOAM_SITE_LIBBIN:\$FOAM_USER_LIBBIN:\$LD_LIBRARY_PATH
58	OpenMPI	1.6.2	export PATH=/opt/openmpi/bin:\$PATH export LD_LIBRARY_PATH=/opt/openmpi/lib:\$LD_LIBRARY_PATH
59	OpenMPI	1.8.4	export PATH=/usr/mpi/gcc/openmpi-1.8.4/bin:\$PATH export LD_LIBRARY_PATH=/usr/mpi/gcc/openmpi-1.8.4/lib64:\$LD_LIBRARY_PATH
60	MVAPICH2	2	export PATH=/usr/mpi/gcc/mvapich2-2.0/bin:\$PATH export LD_LIBRARY_PATH=/usr/mpi/gcc/mvapich2-2.0/lib:/usr/mpi/gcc/mvapich2-2.0/lib64:\$LD_LIBRARY_PATH
61	MPICH2	1.4.1p1	export PATH=/opt/mpich2/gnu/bin:\$PATH export LD_LIBRARY_PATH=/opt/mpich2/gnu/lib:\$LD_LIBRARY_PATH
62	HyTech	1.04f	/share/apps/packages/hytech/HyTech/src
63	PRINSEQ	0.20.4	export PATH=\$PATH:/share/apps/packages/perl-packages/prinseq-lite-0.20.4
64	Trimmomatic	0.35	export PATH=\$PATH:/share/apps/packages/java-packages/Trimmomatic-0.35

List of Software Installed on Supercomputer

S#	Software Name	Version/Year	Environment Variable(s) to be Added to Startup Script Files (.bashrc & .bash_profile)
65	Pysam	0.4.8	Default system location - No environment variable is required
66	Cython	0.25.2	export PATH=\$PATH:/share/apps/packages/python-packages/Cython-0.25.2/bin
67	SetupTools	1.19.9	Default system location - No environment variable is required
68	Octave	4.0.1	export PATH=\$PATH:/share/apps/packages/octave/octave-4.0.1/bin export LD_LIBRARY_PATH=\$LD_LIBRARY_PATH:/share/apps/packages/octave/octave-4.0.1/lib/octave/4.0.1 export JAVA_HOME=/usr/java/jdk1.7.0_51/
69	GNU Plot	4.2.6	Default system location - No environment variable is required
70	Blast2GO	3.2	export PATH=\$PATH:/share/apps/packages/blast2go/installation/Blast2GO
71	BioPerl	1.6.924	export PATH=\$PATH:/share/apps/packages/bioperl/BioPerl-1.6.924/installation/bin export LD_LIBRARY_PATH=\$LD_LIBRARY_PATH:/share/apps/packages/bioperl/BioPerl-1.6.924/installation/lib
72	PFTOOLS	2.3r4	export PATH=\$PATH:/share/apps/packages/pftools/pftools
73	PsortB	1	export LD_LIBRARY_PATH=\$LD_LIBRARY_PATH:/share/apps/packages/psort/libpsortb-1.0/lib64
74	Bio-Tools-Psort	3.0.3	export PATH=\$PATH:/share/apps/packages/psort/bio-tools-psort-all/psort/bin
75	Prokka	1.11	export PATH=/share/apps/packages/prokka/prokka/binaries/linux:/share/apps/packages/prokka/prokka/binaries/common:/share/apps/packages/prokka/prokka/bin:\$PATH
76	Siesta	2.0.2	export SCALAPACK=/share/apps/packages/siesta/scalapack-2.0.2/libscalapack.a export PATH=\$PATH:/share/apps/packages/siesta/siesta-3.2-pl-5/Obj
77	Quantum Espresso	5.1.2	export PATH=\$PATH:/share/apps/packages/quantumespresso/espresso-5.1.2/bin
78	xCrystden	1.5.60	XCRYSDEN_TOPDIR=/share/apps/packages/xcrystden/xcrystden-1.5.60 XCRYSDEN_SCRATCH=/tmp export XCRYSDEN_TOPDIR XCRYSDEN_SCRATCH PATH="\$XCRYSDEN_TOPDIR:\$PATH:\$XCRYSDEN_TOPDIR/scripts:\$XCRYSDEN_TOPDIR/uti"
79	SIFT	4.0.3	export PATH=\$PATH:/share/apps/packages/sift/sift4.0.3b/bin
80	NuSMV	2.6	export PATH=\$PATH:/share/apps/packages/nusmv/NuSMV-2.6.0-Linux/bin export LD_LIBRARY_PATH=\$LD_LIBRARY_PATH:/share/apps/packages/nusmv/NuSMV-2.6.0-Linux/lib
81	MGLTools	1.5.6	export PATH=/share/apps/packages/mgltools/mgltools_x86_64Linux2_1.5.6/bin:\$PATH export LD_LIBRARY_PATH=/share/apps/packages/mgltools/mgltools_x86_64Linux2_1.5.6/lib:\$LD_LIBRARY_PATH
82	OpenBabel	2.3.2	export PATH=\$PATH:/share/apps/packages/openbabel/installation/bin export LD_LIBRARY_PATH=\$LD_LIBRARY_PATH:/share/apps/packages/openbabel/installation/lib
83	AutoDock Vina	1.1.2	export PATH=\$PATH:/share/apps/packages/autodock-vina/autodock_vina_1_1_2_linux_x86/bin
84	Numpy	1.4.1	Default system location - No environment variable is required
85	Scipy	0.7.2	Default system location - No environment variable is required
86	Firefly	8.1.1	export PATH=\$PATH:/share/apps/packages/firefly/ff811_linux_mpich1-ssh
87	NS2	2.35	export PATH=/share/apps/packages/ns2/ns-allinone-2.35/bin:/share/apps/packages/ns2/ns-allinone-2.35/tcl8.5.10/unix:/share/apps/packages/ns2/ns-allinone-2.35/tk8.5.10/unix:\$PATH export LD_LIBRARY_PATH=/share/apps/packages/ns2/ns-allinone-2.35/otcl-1.14:/share/apps/packages/ns2/ns-allinone-2.35/lib:\$LD_LIBRARY_PATH export TCL_LIBRARY=/share/apps/packages/ns2/ns-allinone-2.35/tcl8.5.10/library:\$TCL_LIBRARY
88	NSG2	2.1	export PATH=\$PATH:/share/apps/packages/nsg2
89	Tracegraph	202	export PATH=\$PATH:/share/apps/packages/tracegraph/tracegraph202 export LD_LIBRARY_PATH=\$LD_LIBRARY_PATH:/share/apps/packages/tracegraph/tracegraph202/bin/glibc86
90	SRA Toolkit	2.8.0	export PATH=\$PATH:/share/apps/packages/sratoolkit/sratoolkit.2.8.0-centos_linux64/bin
91	RAXML	-	export PATH=\$PATH:/share/apps/packages/raxml/standard-RAXML
92	Gifsicle	1.88	Head Node - Default system location - No environment variable is required
93	FASTX	0.0.14	export PKG_CONFIG_PATH=/share/apps/packages/fastx/libgtextutils-0.7/lib/pkgconfig:\$PKG_CONFIG_PATH export PATH=\$PATH:/share/apps/packages/fastx/fastx_toolkit-0.0.14/bin
94	PRISM	4.3.1	Prism requires Java-1.8 export JAVA_HOME=/usr/java/jre1.8.0_91/ export PATH=/usr/java/jre1.8.0_91/bin:\$PATH export LD_LIBRARY_PATH=/usr/java/jre1.8.0_91/lib:\$LD_LIBRARY_PATH export PATH=\$PATH:/share/apps/packages/prism/prism-4.3.1-src/bin export LD_LIBRARY_PATH=\$LD_LIBRARY_PATH:/share/apps/packages/prism/prism-4.3.1-src/lib
95	Gadget2	2.0.7	To use Gadget, add environment variables of MPICH2, HDF5 & FFTW along with following variable export PATH=\$PATH:/share/apps/packages/gadget/Gadget-2.0.7/Gadget2
96	Blender	2.49	export PATH=\$PATH:/share/apps/packages/blender/blender-2.49-linux-glibc236-py26-x86_64 export LD_LIBRARY_PATH=\$LD_LIBRARY_PATH:/share/apps/packages/blender/blender-2.49-linux-glibc236-py26-x86_64/blender-2.49-linux-glibc236-py26-x86_64/lib
97	2LPTic	-	To use 2LPTic, add environment variables of OpenMPI-1.8.4 & FFTW along with following variable export PATH=\$PATH:/share/apps/packages/2lpt/2LPTic
98	Eclipse Java EE	Mars 2	export PATH=/share/apps/packages/eclipse/eclipse:\$PATH
99	Anaconda2	2019.10	#For Python 2.7 export PATH="/share/apps/packages/anaconda2/bin:\$PATH"
100	Anaconda3	2019.10	#For Python 3.7 export PATH="/share/apps/packages/anaconda3/bin:\$PATH"
101	CP2K	6.1	export PATH=\$PATH:/share/apps/packages/cp2k

List of Software Installed on Supercomputer

S#	Software Name	Version/Year	Environment Variable(s) to be Added to Startup Script Files (.bashrc & .bash_profile)
102	Subread	1.6.3	export PATH=\$PATH:/share/apps/packages/subread/subread-1.6.3-Linux-x86_64/bin
103	WIEN2k	18.2	Add environment variable of Glibc-2.14 export WIENROOT=/share/apps/packages/wien2k export PATH=\$PATH:/share/apps/packages/wien2k export SCRATCH=.
104	BoltzTraP	1.2.5	export PATH=\$PATH:/share/apps/packages/boltztrap/boltztrap-1.2.5/src
105	FastP	0.2	export PATH=\$PATH:/share/apps/packages/fastp
106	HISAT2	2.1.0	export PATH=\$PATH:/share/apps/packages/hisat2/hisat2-2.1.0
107	StringTie	2.0.4	Add environment variable of Glibc & Zlib export PATH=\$PATH:/share/apps/packages/stringtie/stringtie-2.0.4.Linux_x86_64
Other Libraries			
108	Bzip2	1.0.6	export PATH=\$PATH:/share/apps/packages/R/dep-R-3.4.2/bzip2-1.0.6/bin export LD_LIBRARY_PATH=\$LD_LIBRARY_PATH:/share/apps/packages/R/dep-R-3.4.2/bzip2-1.0.6/lib
109	Glibc	2.14	export PATH=/share/apps/packages/libs/glibc/glibc-2.14/installation/bin:\$PATH export LD_LIBRARY_PATH=/share/apps/packages/libs/glibc/glibc-2.14/installation/lib:\$LD_LIBRARY_PATH
110	Libiconv	1.15	export PATH=\$PATH:/share/apps/packages/R/dep-R-3.4.2/libiconv-1.15/bin export LD_LIBRARY_PATH=\$LD_LIBRARY_PATH:/share/apps/packages/R/dep-R-3.4.2/libiconv-1.15/lib
111	PCRE	8.38	export PATH=\$PATH:/share/apps/packages/R/dep-R-3.4.2/pcre-8.38/bin export LD_LIBRARY_PATH=\$LD_LIBRARY_PATH:/share/apps/packages/R/dep-R-3.4.2/pcre-8.38/lib
112	XZ	5.2.3	export PATH=\$PATH:/share/apps/packages/R/dep-R-3.4.2/xz-5.2.3/bin export LD_LIBRARY_PATH=\$LD_LIBRARY_PATH:/share/apps/packages/R/dep-R-3.4.2/xz-5.2.3/lib
113	Zlib	1.2.11	export LD_LIBRARY_PATH=\$LD_LIBRARY_PATH:/share/apps/packages/R/dep-R-3.4.2/zlib-1.2.11/lib
114	Curl	7.56.1	export PATH=\$PATH:/share/apps/packages/R/dep-R-3.4.2/curl-7.56.1/install/bin export LD_LIBRARY_PATH=\$LD_LIBRARY_PATH:/share/apps/packages/R/dep-R-3.4.2/curl-7.56.1/install/lib
115	GNU-GSL	1.13	Default system location - No environment variable is required
116	Netcdf	4.1.1	export NETCDF=/share/apps/packages/netcdf/netcdf-4.1.1 export PATH=\$PATH:/share/apps/packages/netcdf/netcdf-4.1.1/bin export LD_LIBRARY_PATH=\$LD_LIBRARY_PATH:/share/apps/packages/netcdf/netcdf-4.1.1/lib
117	GDAL	1.9.2	export PATH=\$PATH:/share/apps/packages/grass-gis/gdal-1.9.2/bin export LD_LIBRARY_PATH=\$LD_LIBRARY_PATH:/share/apps/packages/grass-gis/gdal-1.9.2/lib
118	MESA-LibGLU	10.4.3	Default system location - No environment variable is required
119	Boost C++ Library	1.57.0	export LD_LIBRARY_PATH=\$LD_LIBRARY_PATH:/share/apps/packages/boost/boost_1_57_0/build/lib
120	HDF5	1.10.1	export PATH=\$PATH:/share/apps/packages/hdf5/hdf5-1.10.1/bin export LD_LIBRARY_PATH=\$LD_LIBRARY_PATH:/share/apps/packages/hdf5/hdf5-1.10.1/lib
121	BeautifulSoup	4.4.1	Default system location - No environment variable is required
122	HTSLib	1.3	export PATH=\$PATH:/share/apps/packages/samtools/samtools-1.3/htslib-1.3/bin export LD_LIBRARY_PATH=\$LD_LIBRARY_PATH:/share/apps/packages/samtools/samtools-1.3/htslib-1.3/lib
123	OpenCV	2.4.10	C++ Bindings export PATH=/share/apps/packages/opencv/opencv-2.4.10/installation/bin:\$PATH export LD_LIBRARY_PATH=/share/apps/packages/opencv/opencv-2.4.10/installation/lib:\$LD_LIBRARY_PATH export PKG_CONFIG_PATH=/share/apps/packages/opencv/opencv-2.4.10/installation/lib/pkgconfig:\$PKG_CONFIG_PATH Python Bindings export PYTHONPATH=\$PYTHONPATH:/share/apps/packages/opencv/opencv-2.4.10/installation/lib/python2.6/site-packages:/share/apps/packages/python-packages/installation/lib/python2.6/site-packages:/share/apps/packages/python-packages/installation/lib64/python2.6/site-packages Java Bindings export JAVA_HOME=/usr/java/default
124	Libav-Tools	12	Head Node - Default system location - No environment variable is required
125	OpenBLAS	0.3.7	export LD_LIBRARY_PATH=/share/apps/packages/libs/openblas/OpenBLAS-0.3.7/installation/lib:\$LD_LIBRARY_PATH
126	LAPACK	3.9.0	export LD_LIBRARY_PATH=/share/apps/packages/libs/lapack/lapack-3.9.0:\$LD_LIBRARY_PATH
127	FFTW	2.1.5	export LD_LIBRARY_PATH=\$LD_LIBRARY_PATH:/share/apps/packages/fftw/fftw-2.1.5/lib