

Bluecrystal Phase 3 Software

Languages:	Module:	Info:
GCC-4.6.4	languages/gcc-4.6.4	
Intel Compiler XE Ver. 12.1.2.273	intel/compiler/64/12.1/2011_sp1.8.273	
Intel Compiler XE Ver. 13.0.1.117	intel-cluster-studio/compiler/64/13.1/117	
Intel Compiler XE Ver. 14.0.0	languages/intel-compiler-14	
Intel Compiler XE Ver. 15.0.0	languages/intel-compiler-15	
Java JDK 1.7.0-40	languages/java-jdk-1.7.0-40	
Mono-3.0.1	languages/mono-3.0.1	
PERL 5.14.2	languages/perl-5.14.2	
Python 2.6.8	languages/python-2.6.8	Includes BLAS LAPACK ATLAS NUMPY SCIPY
Python 2.7.5	languages/python-2.7.5	Includes BLAS LAPACK ATLAS NUMPY SCIPY
Python 2.7.6	languages/python-2.7.6	Includes BLAS LAPACK ATLAS NUMPY SCIPY
R 2.15.1	languages/R-2.15.1	Includes a lot of additional packages. See R-2.15.1-Packages-BC3
R 3.0.2	languages/R-3.0.2	Includes a lot of additional packages. See R-3.0.2-Packages-BC3

Libraries:**Module:****Info:****GNU:**

ATLAS	libraries/gnu_builds/atlas-3.10.1	
FFTW 3.3.4	libraries/gnu_builds/fftw-3.3.4	
FFTW 3.3.4	libraries/gnu_builds/fftw-3.3.4-mpi	MPI Build
GSL 1.16	libraries/gnu_builds/gsl-1.16	

Intel:

ATLAS	intel_builds/atlas-3.10.1	
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Application:**Module:****Info:**

Abaqus 6.12	apps/abaqus-6.12	
Amber 12	apps/amber-12	
Amber 14	apps/amber-14	Includes GPU support
Beast 1.7.5	apps/beast-1.7.5-cuda	Includes CUDA support
Comsol 4.3b	apps/comsol-4.3b	
GDAL 1.11.1	apps/gdal-1.11.1	
GRASS 71	apps/grass-7.1	
GROMACS 4.5.5	apps/gromacs-4.5.5	
GROMACS 4.6.6	apps/gromacs-4.6.6-gnu-mpi	
GROMACS 5.0	apps/gromacs-5.0-gnu-mpi	
GCTA 1.24.3	apps/gcta-1.24.3	
LS-DYNA 971R6.1.0	apps/ls-dyna971-r6.1.0	
Matlab R2013b	apps/matlab-r2013b	
Meep-1.2	apps/meep-1.2-mpi	
Meep-1.2.1	apps/meep-1.2.1-mpi	
NASTRAN 2012.1	apps/nastran-2012.1	
Netlogo-5.0.5	apps/netlogo-5.0.5	
OpenBabel 2.3.2	apps/openbabel-2.3.2	
ParaView 4.0.1	apps/paraview-4.0.1	
PAML 4.7	apps/paml-4.7	
PhyloBayes-3.3f	apps/phylobayes-3.3f	
Plink-1.0.7	apps/plink-1.07	
Plink-1.90	apps/plink-1.90	
QuantumEspresso-5.1	apps/quantum-espresso-5.1	
Relion-1.3	apps/relion-1.3	

Scilab 5.4.1	apps/scilab-5.4.1	Free open source Matlab alternative
Trinity 2013.8.14	apps/trinity-2013.8.14	

Tools:

Module:

Info:

CMAKE 2.8.1	tools/cmake-2.8.1	
CMAKE 2.8.12	tools/cmake-2.8.12	
GIT 1.8.4.2	tools/git-1.8.4.2	
Oracle Solaris Studio	tools/solarisstudio-12.4	Development IDE
Subversion-1.8.4	tools/subversion-1.8.4	
Spyder	languages/python-2.7.6	Python Development IDE

Profiling:

Module:

Info:

Intel VTune	intel-cluster-studio/vtune/vtune-2013	
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