

Duke Office of Information Technology

Software Stack

The following is a list of supplemental packages currently installed on the cluster.

CSEM:

- ? rrdtool - to build ganglia (?)
- ? perl-net-snmp - needed by rrdtool (?)
- ? perl-crypt-des - needed by perl-net-snmp (?)

GENERAL

- ? Intel compilers (C/C++, F90) v.9

DESC:

- ? R (merlise)
- ? snow (merlise)
- ? Rmpi (needed for snow)
- ? lam-csem (needed for Rmpi)
- ? rsprng (merlise)
- ? sprng (merlise)
- ? GSL (ricky)

COMPEB

- ? matlabR14 (compeb) (jbp1)
- ? java (needed for matlab)

CHEM

- ? scalapack (wychem) (shke)
- ? NAMD (in local directory)
- ? Charmm (requested)
- ? Amber (requested)

CML

- ? PETSc (ekim)

BIO

- ? mrbayes (frank)
- ? raxml (frank)
- ? paup (frank)
- ? phyml (frank)
- ? python (vers. 2.4)

STAT

- ? blitz++-csem (stat)
- ? lapack++-csem (stat)
- ? fftw (needed by SciPy)
- ? F2PY (need by SciPy)
- ? SciPy_core (needed by SciPy)
- ? sciPY

CBCB

- ? octave 2.1.72/73

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