Software Architecture

x64, Linux

Compilers	Meta Data	Math Libraries		
GNU	XML / VTK	PETSc	Algebraic packages	MKL BLAS / MKL LAPACK
Intel	HDF5	SLEPc	MPI support	Intel MPI / Open MPI
		ARPACK	Sparse solvers	MUMPS / PARDISO

Hybrid MPI + OpenMP Threading

SMP Architecture   Cluster Architecture