

$$x=y+A^{-1}b$$



Teuchos
(Utilities)

Playa linear algebra objects
(Primate-readable interface)

NOX
(Nonlinear solvers)

Anasazi
(Eigensolver)

Aztec, Belos
(Krylov methods)

ML
(Algebraic multilevel
preconditioning)

Amesos
(Sparse LU
and Cholesky)

Ifpack
(Incomplete factorization
preconditioning)

Epetra
(Sparse matrix
infrastructure)

LAPACK & BLAS
(Dense linear algebra)

MPI
(Parallel communication)