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

Teuchos
(Utilities)

Sundance linear algebra objects
(Primate-readable interface)

Thyra
(Interoperability interface)

Anasazi
(Eigensolver)

Aztec, Belos
(Krylov methods)

Epetra
(Sparse matrix infrastructure)

Amesos
(Sparse LU and Cholesky)

Ifpack
(Incomplete factorization preconditioning)

NOX
(Nonlinear solvers)

ML
(Algebraic multilevel preconditioning)

LAPACK & BLAS
(Dense linear algebra)

MPI
(Parallel communication)