Building an EcoSystem



MiniApps

Applications

Trilinos

(Linear Solvers, Load Balancing, Discretization, Distributed Linear Algebra)

Kokkos – Kernels (Sparse/Dense BLAS, Graph Kernels, Tensor Kernels)

Algorithms (Random, Sort)

Containers (Map, CrsGraph, Mem Pool)

Kokkos

(Parallel Execution, Data Allocation, Data Transfer)

std::thread

OpenMP

CUDA

ROCm

(Kokkos aware Profiling and Debugging Tools) Tools Kokkos

Application Support, Developer Training Support Community Kokkos