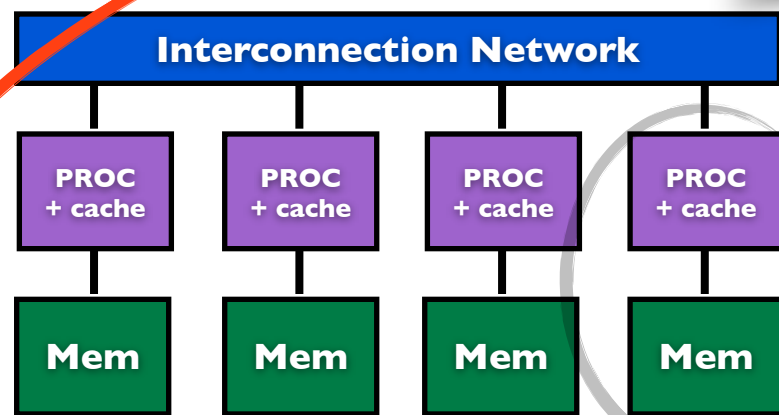


Distributed Memory



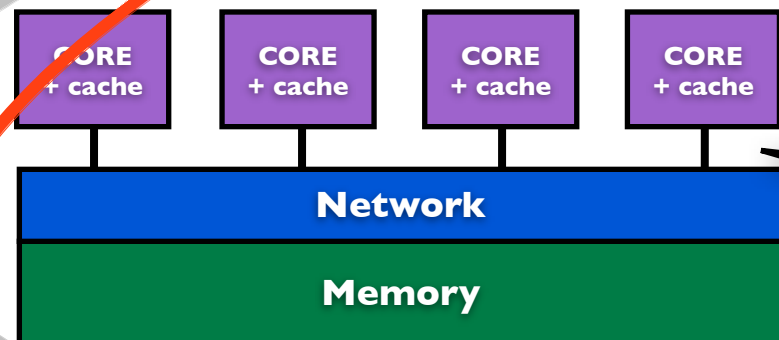
Focus on who owns what data and what communication is needed

MPI,
Sockets

Rmpi,
pbdMPI, R
socketConnection

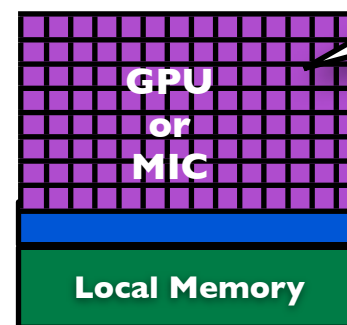
Same Task on Blocks of data

Shared Memory



Focus on which tasks can be parallel

Co-Processor



GPU: Graphical Processing Unit

MIC: Many Integrated Core

CUDA,
OpenCL

OpenCL
R

OpenMP

OpenMP,
Threads,
fork

multicore
(fork) R