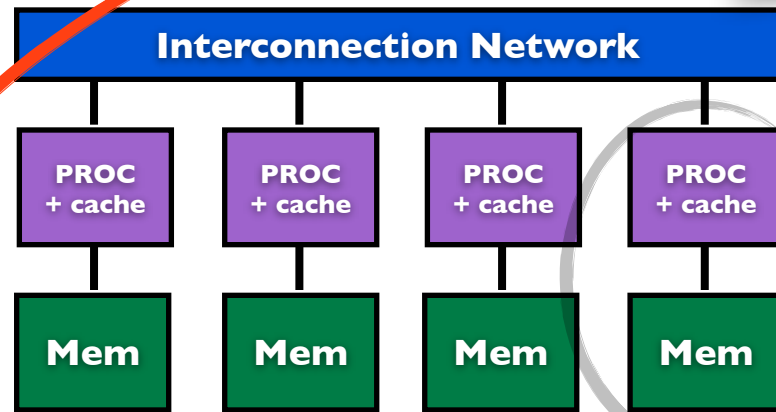


Distributed Memory



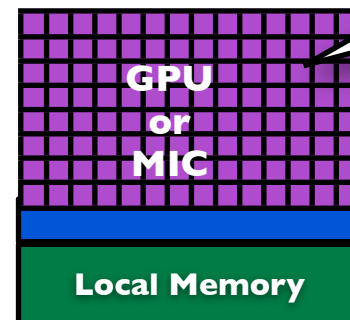
Data Parallelism:
Focus on who owns what data and what communication is needed

MPI,
Sockets

Rmpi,
pbdMPI, R
socketConnection

Simple Task Parallelism:
Same Task on Block of data

Co-Processor



GPU: Graphical Processing Unit

MIC: Many Integrated Core

CUDA,
OpenCL

OpenCL
R

OpenMP

OpenMP,
Threads,
fork

multicore
(fork) R

Task Parallelism:
Focus on who does what task

Shared Memory

