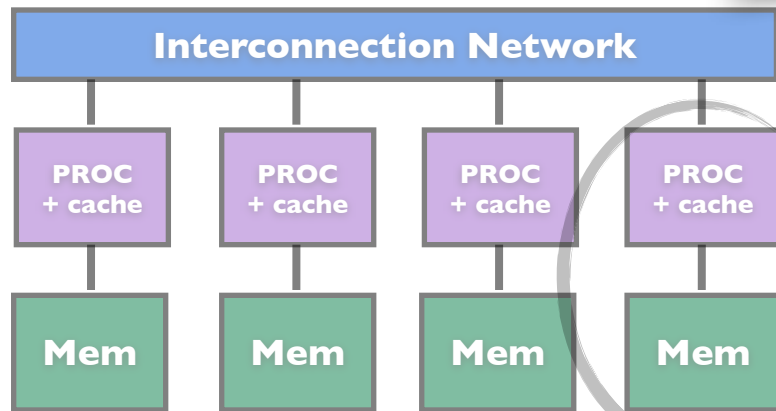


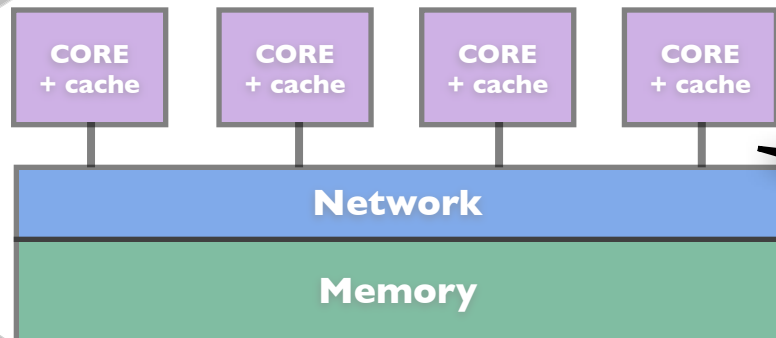
Distributed Memory



Focus on who owns what data and what communication is needed

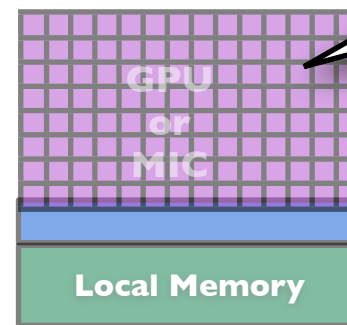
Sockets
MPI
Hadoop

Shared Memory



Focus on which tasks can be parallel

Co-Processor



Same Task on Blocks of data

CUDA
OpenCL
OpenACC

GPU: Graphical Processing Unit
MIC: Many Integrated Core

OpenMP
OpenACC

OpenMP
Pthreads
fork