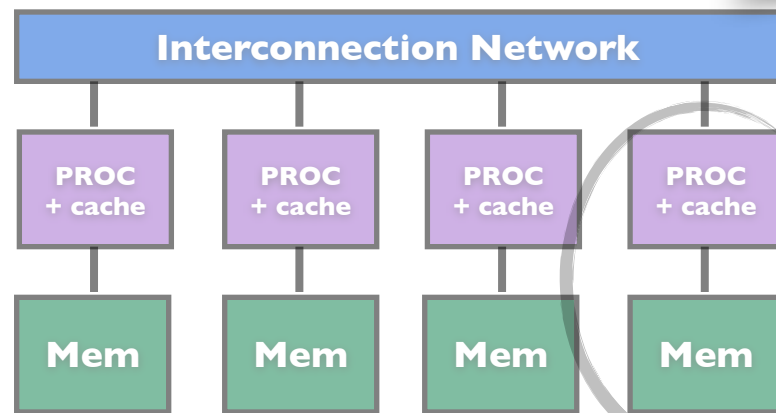


Focus on who owns what data and what communication is needed

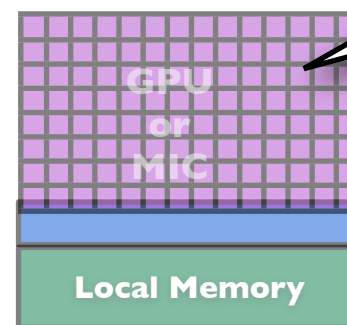
Sockets
MPI
HADOOP

Distributed Memory



Same Task on Blocks of data

Co-Processor



CUDA
OpenCL
OpenACC

GPU: Graphical Processing Unit
MIC: Many Integrated Core

OpenMP
OpenACC

Focus on which tasks can be parallel

OpenMP
Threads
fork

Shared Memory

