

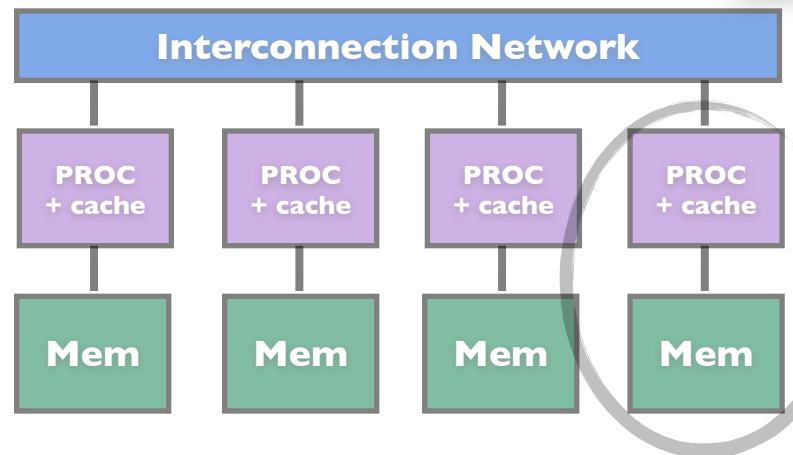
virtual shared memory: nws, Rdsm 

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

MPI,
Sockets

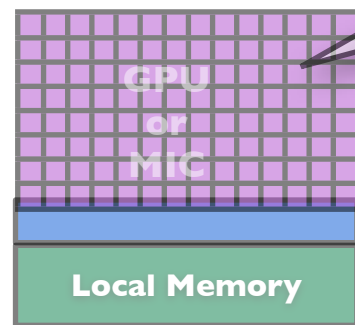
Rmpi, pbdMPI, 
socketConnection

Distributed Memory



Simple Task Parallelism:
Same Task on Block of data

Co-Processor



GPU: Graphical Processing Unit
MIC: Many Integrated Core


CUDA,
OpenCL

OpenCL 

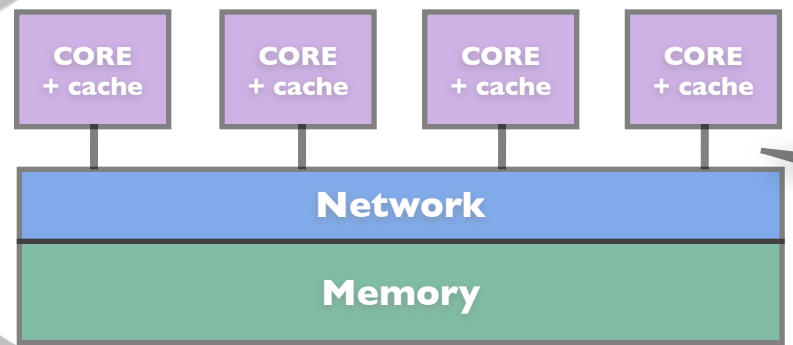
OpenMP

Task Parallelism:
Focus on who does what task

OpenMP,
Threads,
fork

multicore
(fork) 

Shared Memory



snow + multicore = parallel 