Parallel Processing Tools
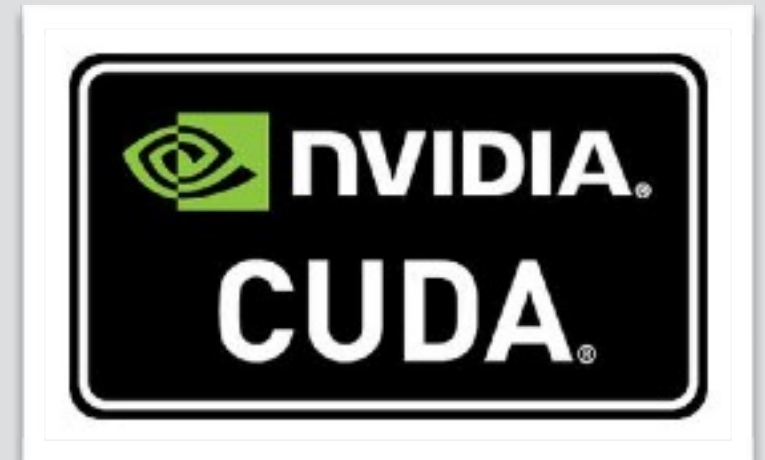

OpenMP

- Shared Memory Processing
- Many OS s including Linux, OSx and windows
- C, C++, Fortran

Cilk Plus

- Shared Memory Processing
- Many OS s including Linux, OSx and windows
- C, C++

Nvidia CUDA

- Designed by Nvidia
- For GPU Computing
- Only on Nvidia GPUs

Parallel Processing Tools

MPICH

- Distributed Memory Processing
- OS s including Linux, OSx and windows
- C, C++, Fortran (That I know)

Hadoop

- Distributed Memory Processing
- Linux
- Java, Streaming

Spark

- Distributed Memory Processing
- Linux
- Python