

Parallel Processing Tools



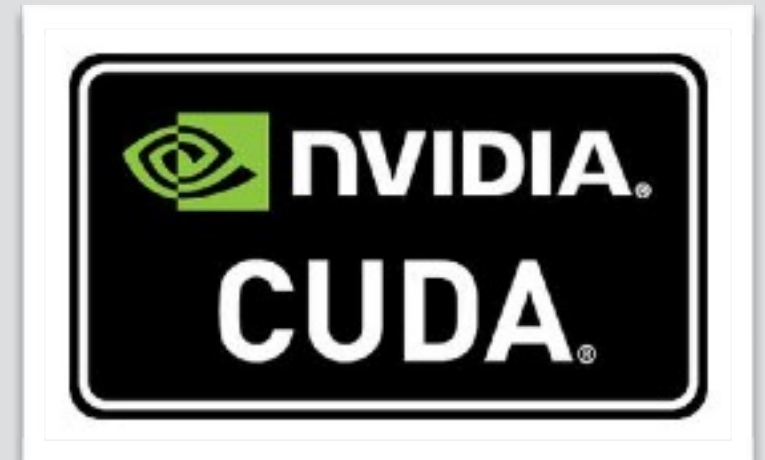
OpenMP

- 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

The logo for MPICH, featuring the word "MPICH" in a bold, green, sans-serif font inside a white rectangular box with a thin black border.

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