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CS4370

Parallel Programming Many-Core GPUs

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8-Nov-2024

Parallel Reduction and Prefix Sum

In order to compile the code you need to request a node, I use a p100 here as its what was available when I ran it.

Srun -p p100 –gres=gpu: -pty bash

Then the command to compile it is  
  
Nvcc Walker\_ParReduc.cu -o parReduc -std=c++11  
Nvcc Walker\_ParPre.cu -o parPrefix -std=c++11

./parReduc  
./parPrefix

The program will start and allow you to run for each array size and block size