

CAB401 Parallelization Project Proposal

1. A brief description of the sequential application that you have selected to parallelize. What does it do? Where did you find it?
2. Discuss why you think the proposed application performs sufficient computation so that parallelizing it will potentially produce a noticeable difference in perceived execution time.
3. What parallel hardware and parallelization language/framework are you considering?
E.g. targeting NVidia GPU programmed using CUDA.
How many cores does it have? (Note, you need more than 4 virtual cores to achieve an excellent for Optimal Speedup assessment criteria).