Weekly Report

Matthew Royle

Week 18: 30 April 2008

Summary of activities since last meeting

Last meeting: 23 March 2009

Next meeting: 30 April 2009

Goals and Work targets

Goals for this week

- Refine OpenCL example programs to allow for testing

- Experiment with the various OpenMP directives, clauses and environmental variables

Goals Achieved

- Discovered that OpenMP can use all cores on the CPU, most likely depends on the thread manager

Proposed goals for next week

- Refine OpenCL example programs to allow for testing on the CPU

- Experiment with the various OpenMP directives, clauses and environmental variables

Rate your work performance

- Just about nothing was achieved

- Public holidays disrupted work schedule

Issues

- Most of the OpenCL example code is geared towards the GPU

- Not sure whether using the examples would be plausible for implementation

- Seems like OpenCL specification is geared towards GPU usage, are there really CPU pieces?