

Weekly Report

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Week 37: 17 September 2009

Summary of activities since last meeting

Last meeting: 03 September 2009

Next meeting: 17 September 2009

Goals and Work targets

Goals for this week

- Go through specification and get functions to include all necessary functionality
- Try and implement float4, int2, int4 classes better
- Continue writeup
- Possibly start looking at recording results

Goals Achieved

- Continued with project write-up
- Started looking at including all specified functionality in the library
- Started looking at recording results to be used in the thesis

Proposed goals for next two weeks

- Get some performance results
- Try and solve inconsistent results from the Mandelbrot set
- Writeup problems encountered with the mapping of work-groups to devices
- Continue adding necessary functionality to the library

Rate your work performance

- A fair amount of work was achieved
- Started going through the specification to look at how each method is required to perform

Issues

- No clear relationship between the work-groups/ work-items and devices with compute units (CU) and processing elements (PE)
- Potential problem if the device specified is a CPU, the CPU becomes the host and not the device