

Weekly Report

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Week 38: 22 September 2009

Summary of activities since last meeting

Last meeting: 17 September 2009

Next meeting: 22 September 2009

Goals and Work targets

Goals for this week

- Get some performance results
- Try and solve inconsistent results from the Mandelbrot set
- Continue with writeup
- Continue adding necessary functionality to the library

Goals Achieved

- Got some performance results using Mandelbrot Fractals
- Solved the issue of inconsistent results from the Mandelbrot set by setting the `global_id` to be private to each thread
- Continued with writeup, added to kernel implementation section and added some information about the initial results
- Continued adding the specified functionality to the library

Proposed goals for next week

- Continue with performance testing of the system
- Perform experimentation to try and solve the inconsistent results of the Mandelbrot set

- Continue writeup
- Continue adding specified functionality to the library

Rate your work performance

- Good work was achieved
- Continue to add to thesis
- Got some interesting results from the Mandelbrot set testing

Issues

- There is a large amount of variance in time encountered when running the Mandelbrot set