

Weekly Report

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Week 32: 06 August 2009

Summary of activities since last meeting

Last meeting: 30 July 2009

Next meeting: 06 August 2009

Goals and Work targets

Goals for this week

- Implement kernels
- Get the setting of kernel arguments working
- Try and get kernels to execute sequentially
- Apply to become a Nvidia developer to gain access to their OpenCL implementation

Goals Achieved

- Implemented kernels
- Created a working but incomplete working way of setting kernel arguments
- Got accepted as an Nvidia developer

Proposed goals for next week

- Get a kernel header parser to find out number of arguments a kernel accepts
- Try and get other working example code which can be used to continue implementation
- Try to get kernel to execute sequentially

Rate your work performance

- Uncovered quite a few issues
- Managed to write some more code which added to the project

Issues

- cl_mem object not working properly
- No way for compiler to know how many arguments a kernel can accept
- Nvidia's OpenCL requires a CUDA driver which in turn requires a graphics card.