

Weekly Report

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Week Number 1 on 15 February 2010

Summary of activities since last meeting

- Project Proposal and research into InetVis features and capabilities as well as CUDA technologies (More generally, GPGPU stuff)

Last meeting: 15 February 2010

Next meeting: 22 February 2010

Goals and Work targets

Goals for this week

- Website
- Journal
- Project Proposal
- Background Research

Goals Achieved

- Project Proposal - First draft submitted
- Background Research - GPGPU capabilities explored, WinPCap installed and played with, InetVis downloaded, installed and explored.
- Journal - Acquired but not yet used as much as I would like to.
- Website - Space has been granted, not yet created though.

Proposed goals for next week

- Website to be completed
- Packet capturing in C# needs to be working. (Already started)

Rate your work performance

- How did you feel you worked ? Not enough
- Did you achieve all your goals ? if not why not? No, fell ill during the week and performance was hampered.
- What were the issues you had trouble with? Time - the website could not be included in the work, my home desktop died.
- What assistance did you need to continue? N /A
- How can you improve your performance? Better time management
- Provide a rating out of 10 in addition to the above. 7

Tasks/Learning

- What is the most useful/interesting thing you learned or did this week?
How GPGPU applications work.
- Even bad weeks usually yield something positive

Research

- What is the most useful/interesting paper you read this week? N/A
- List what you have been doing research wise - papers read/written/resources found
 - Toward Visualised Network Intrusion Detection - J-P. van Riel and B. Irwin
 - Wikipedia (will not be referenced) - GPGPU programming
 - J.P van Riel's masters page (<http://www.cs.ru.ac.za/research/g02v2468/inetvis.html>)
 - InetVis manual (<http://www.cs.ru.ac.za/research/g02v2468/inetvis/0.9.5/doc/inetvisdoc.html>)
- Research should be ongoing.