

File 20111028.0339: Weekly activity report 0212:

weekly activity report 212 (loughry)

Joe Loughry

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To: Joe Loughry

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I received the assessors' report Friday by airmail. As I told Dr Martin, this week was hopeless to make any progress at all in the face of what is required to close out the FA-8750-C-0006 contract. I will look at my thesis again Monday.

Security Reading Group met Tuesday to discuss the paper 'sel4: Formal Verification of an OS Kernel' by Klein, et al. (2009), suggested by Justin. Several people sent around notes this week about new papers appearing at CCS'11, some of them relevant to cross domain systems. I listened to a presentation by John Morrison on the annual Cyber Defence Exercise (CDX) conducted by NSA against service academy cadet teams. Fifty or so NSA people on the red team play against students at eight academies; students are given certain legacy systems (occasionally riddled with malware) that they are required to keep functioning during the test. The grey cell meanwhile provides ongoing operational traffic, playing the part of operational missions who have to keep working through the attack; if their traffic is delayed or dropped, the blue team loses points. Scoring is automated. There was a video made of the most recent contest; I am trying to get a copy of it.

The quarterly progress report and annual summary report to the Air Force have been submitted; I must finish the final technical report this weekend in addition to a presentation for the patent review board and some updates to the user's guide. All the reports were delayed by other managers giving me unplanned tasks all week, all of which had to be done immediately. In contrast to all these assignments, I don't even know if I will have a job in two weeks.

I met with Dr Martin this week Wednesday. I reported that I would be tied up writing contract final reports for the FA8750-09-C-0006 contract through the end of this week, but free after. Dr Martin said the GSO.25 form has been processed and encouraged me to meet with Dr Flchais as soon as possible. We discussed what is likely to happen at work and I reinforced that my only priority is to complete my research and finish my dissertation. We chatted about some technical aspects and then Dr Martin encouraged me to meet with Dr Flchais to get moving again on the grounded theory once I am out from under the Air Force contract. A meeting with Dr Flchais will help to plan the schedule and what tasks exactly I need to accomplish to finish. I reported that I have updated the estimated time to completion of tasks on the chart to keep them accurate and reflecting of reality; some estimated November dates have now moved into December and January.

Next meeting is scheduled for 1st November 2011 after reading group.

Table of progress report on analyses and interpretations:

Chapters 1 and 2 need the specific work indicated. Writing a review article on declassification.

Chapter 3 on CS1 current status: 60% done (needs model linking coding to grounded theory). Estimated completion date: December.

Chapter 4 on CS2 current status: 5% done, waiting until CS1 is properly

completed. Estimated time to complete: December and January.
Chapter 5 on CS3 current status: 0% done, waiting until CS2 is done.
Estimated time to complete: February.
Chapter 6 and 7: current status: 5% done, waiting until end of January
to work on.

I will show the declassification review section to my supervisors after
I send the final report to AFRL.

Joe Loughry
Doctoral Student in the Department of Computer Science
St Cross College, Oxford

End of WAR 0212.

References