Ericsson Capstone Weekly Report

January 24th, 2013

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# Status Summary

Tentatively called *ePing* or *Where’s Oskar?* or *Notanotherping*, we have collectively decided our programming language will be C++ due to its innate networking abilities, platform independence, corresponding existing libraries, and sheer documentation and help on the language itself.

It will use a command line interface with language similar to existing software *hrPing* in order to easily integrate with existing Ericsson scripts. It was mentioned that “a GUI may be nice,” but it was emphasized as a low priority functionality.

Publishing the software as open source has been tossed about in brainstorming sessions. Oskar agreed this would be a fine idea so long as the initial agreement that Ericsson will have full access to the code and rights to change it however they need to, which obviously they will have.

# Highlights

On Monday January 21st, the team had its first meeting with Ericsson sponsor, Oskar Myrberg. We learned more of the reasons this system is desired, as well as whom among Ericsson employees will be using it. Perhaps most importantly, we discussed the overall vision for this project. We now have a solid idea of what the final product will look like, and how it will behave.

We had coffee on our Friday work session. It was dark roast from a coffee shop in Fergus Falls. We initially felt a bit guilty about bringing food or drink into an IACC computer cluster, but then we remembered we do it constantly, and so does everybody else.

# Lowlights

Little has happened in the project excluding discussion and visualization. We feel confident about our project and have experienced nothing negative so far.

# Accomplishments

Thursday, January 24th - The group met to begin work on project initiation and planning documents and to discuss and brainstorm the requirements and design documents.

Friday, January 25th - We completed work on our project initiation and planning documents, and decided on meeting times both as a group and with our sponsor. Meetings with just the groups will be, excluding additional predetermined times, Fridays at 1600 GMT. Video conferences with Oskar will be held Wednesdays 2pm.

# Goals for Next Week

Continue learning ICMP and sockets, and their implementations in C++.

Begin and fill in SRS as much as possible