Master Thesis – My router is singing a sad song

Background

Internet and mobile backhaul technology is very difficult to understand. This translates to a need for a lot of skilled support engineers and increased costs for operators. How do we make the boxes possible to understand for non-technical personnel?

Thesis Description

An important part of understanding the networks is to be able to understand various measurements and statistics.

Implement software that translates boring measurements and graphs into audiovisual feedback. Or like Elton John would put it: *Sad Songs (Say So Much).*

This will mean that you have to identify useful statistics, automatically interpret parts of them and translate this interpretation into something that is easy to understand.

All of this should be possible to run on one of our existing router products.

Qualifications: We are looking for a creative programmer with the ability to solve new problems.

Extent
1 person, 30 credits

Preferred starting date: Second half year 2014

Keyword: Visualization, Programming, Usability, Internet.org, 50 Billion Connections

Contact person:
Johan Moe
Johan.moe@ericsson.com