

Abstract

The main area of TietoEnator Telsys AB is development of Signaling System No 7, a SS7 stack, an international protocol and worldwide standard for telecommunications.

The purpose of this Bachelor's Project was to improve an existing tool that traces a log file produced by the SS7 stack. TietoEnator Telsys AB had stated improvements for the trace tool. The goal was to implement as many as possible of these improvements and list further requirements for the existing tool. Two of the listed assignments, Terminate Reading Log File and Save Filter Options, were implemented and a number of new improvements were documented.

This Bachelor's Project at TietoEnator Telsys AB has resulted in wisdom about assignments that can occur when software is maintained and improved. The experience consists of both problems and pleasures.