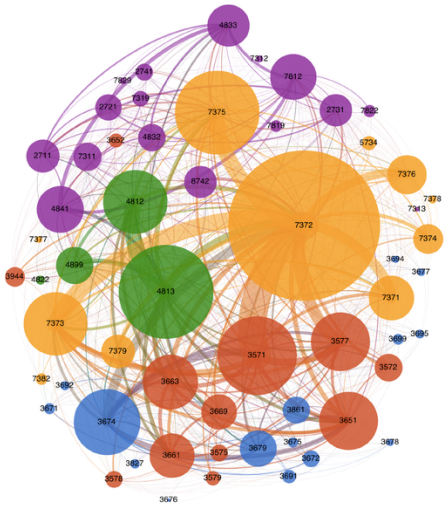
VISUALIZATION OF COMPLEX SYSTEMS

MASTER THESIS PROPOSAL
IFS R&D PROJECTS



DESCRIPTION

A product like IFS Applications is a complex system with interactions and dependencies on many different levels. Visualization of the system can be one way to ease the complexity and provide opportunities all the way from sales cases to development and testing of the system.

GOAL

The purpose of the master thesis is to explore the possibilities to visualize a system as large as IFS Applications, and to analyze the opportunities that comes out of such visualization. One suggested area of interest is how to use visualizations to support the testing processes that takes place at IFS R&D, e.g. to generate test ideas and tracking of test coverage.

The thesis can include activities like investigating tools and best practices on the market for visualization, make samples of visualizations of IFS Application at different levels, analyze opportunities provided by the visualization etc.

The thesis should bring suggestions on how to improve and develop the visualization of a complex system, as well as an analysis for where and how this can be introduced to bring additional value to IFS.

OUTLINE

Estimated range:	1-2 persons during autumn 2016
Language:	English
Your Competencies:	• Interest in IT solutions and ERP solutions • Interest in visualization • Analytical mind • English in writing and speaking since analysis and presentations likely will involve parties in other countries
Supervisor:	X
Location:	Linköping

CONTACTS Carina Stolt +46 (0) 733453624, carina.stolt@ifsworld.com

APPLICATION: Apply by sending your personal letter, CV and other merits of interest to Carina Stolt. The personal letter should explain why you are the right person for this master thesis.