HOVEDOPPGAVE

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Oppgavens tittel (norsk): Research@work - Promoting awareness within research communities

Oppgavens tittel (engelsk): Research@work - Promoting awareness within research communities

Oppgavens tekst:

Research@work is a web-based collaborative system aims to be used within a research community. This master thesis concerns promoting awareness within Research@work. The main tasks are:

?? Studying awareness in general,
?? Specifying awareness requirements within a research community in particular,
?? Implementing the awareness requirements being proposed.

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RESEARCH@WORK
Promoting awareness within research communities

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ABSTRACT

We present a web-based collaborative system called *Research@work* that has been designed to support awareness needs within a research community at Telenor Research & Development.

Providing awareness is a mechanism for significantly improving the usability of groupware systems. Usability is an important requirement in software engineering. Since the early nineties, there has been a growing interest among researchers of computer supported cooperative work in the potential of providing awareness in cooperative work by means of computer-based applications. The increased focus on these topics are reflected in international conferences and workshops and documented in several papers.

This master thesis makes the following contributions:

- It presents awareness requirements specification of Research@work.
- It presents a comprehensive awareness architecture description of Research@work.
- It presents an implementation of the awareness mechanisms based on the requirements specification.