Research Exchange Proposal

Institutions:

SICS – Swedish Institute of Computer Science

UBER – Humboldt University Berlin

Objectives:

Work on formalizing the use cases arising from the PROMISE use case domains into UML use cases together with the use case domain experts and establishing contacts with stakeholders through the contacts of UBER.

Description:

SICS is responsible for the Work package 2 "Stakeholders Involvement and Technology Transfer". Involving the stakeholders in the development of the PROMISE system and especially in future utilization of the research results achieved in the context of PROMISE is an important task of the PROMISE project. Formulating realistic evaluation tasks based on valid and interesting use cases is the primary means to increase the stakeholders' involvement in the project. Work package 2 starts by formulating and formalizing in UML three use cases from the domains of intellectual property retrieval, medical image retrieval and accessing cultural heritage information. Based on these use cases, a use case space of common features will be formulated and then applied to other CLEF labs. Finally, this use case model will be extended to fit the needs of external stakeholders in cooperation with several external stakeholders.

Before the external stakeholders can be involved, the three initial use cases need to be properly formalized. SICS leads this work, but other sites have the real firsthand knowledge of the use cases. UBER is working on formulating use cases related to the use case domain of cultural heritage information access. This use case domain has not been properly formalized yet and thus it would be very useful for both parts to discuss the use cases and how they should be designed from the PROMISE point of view. We also foresee considerable benefits in terms of industry relations, i.e. establishing contacts with the local stakeholders.

Gunnar Eriksson (and potentially also Anni Järvelin) visits UBER for two to five days in May/June/August.