Proposal bachelor thesis

Title: Tracking my Documents

Promotor: Prof. Dr. Beat Signer

Includes preparation course: No   (Select the correct option)

Context

Daily users struggle with organsing and re-finding their stored documents, photos or emails. Personal Information Management (PIM) investigates the opportunities to provide the user with an alternative to the Desktop Metaphor where we step away from the classical file hierarchies used to store our information. Our Cross-Media PIM system is a solution which unifies various organisational structures such as email, bookmark and file hierarchies but also includes physical classification structures such as bookshelves or piles of papers on a desk. This approach to PIM makes it possible to construct our own personal cross-media information space with less information fragmentation. By providing a tool for centralising all these possible ways of storing our information, we allow the user to re-find their information no matter where or how the information has been stored.

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Currently, the user has to manually import digital and physical documents into our Cross-Media PIM system. In this thesis, you will contribute to the development of this system by investigating how we can automatically import and track a user's physical and digital documents. It is the goal that you will design and implement a library where developers can easily plug-in different import and tracking plug-ins. As a proof of concept you will also implement three plug-ins, for example for emails, file system documents and on-line documents. It is advised but not mandatory that you have some experience in JavaScript, Java and C++.

Preparatory course bachelor thesis
(only if applicable)