



## ***BaCaTec: Bavaria California Technology Center***

### Integrative User-Adaptive Information Portal

The amount of information available on the Internet is growing constantly. With content providers offering web applications (Web Services), RSS-Feeds, and Podcasts along with their static content, the location of the right information or service at the right time – even for search engines - becomes a more and more challenging task. On the other hand, being today's most valuable information source the Internet is also responsible for an ever growing amount of personal information the user stockpiles locally, by exchanging information by E-Mail or downloading files. This makes it hard to find the right piece of information even in the user's own inbox or file system.

The goal of the intended project is to model and implement a Personal Information Portal, which assists in organizing heterogeneous, locally stored information and, at the same time, automatically integrates semantically annotated web content. Using Text Mining and Information Extraction techniques, personal information is processed and a user model is build. Based on this user model the portal automatically recommends relevant web content. As the processing of personal information involves sensitive data, special considerations will be taken to privacy issues.

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