



ALOE - A Socially Aware Learning Resource and Metadata Hub

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ALOE is a social media sharing platform to realize

- (Intra-/Internet) portals
- "socially enabled" repositories
- management of personal collections (learning resources, bookmarks)

Features

- upload and share arbitrary types of digital resources
- share and organize your resources and bookmarks
- associate arbitrary metadata sets with resources
- tag, rate and comment
- find resources with different search filters
- rank search results according to different criteria
- initiate groups and communication
- publish as private, public, or for certain groups
- SOAP API for all ALOE functionalities
- easy to adapt for different scenarios

Soon to come

- configurable categories
- feed support for various information
- bookmarklets



Figure 1: ALOE Start Page

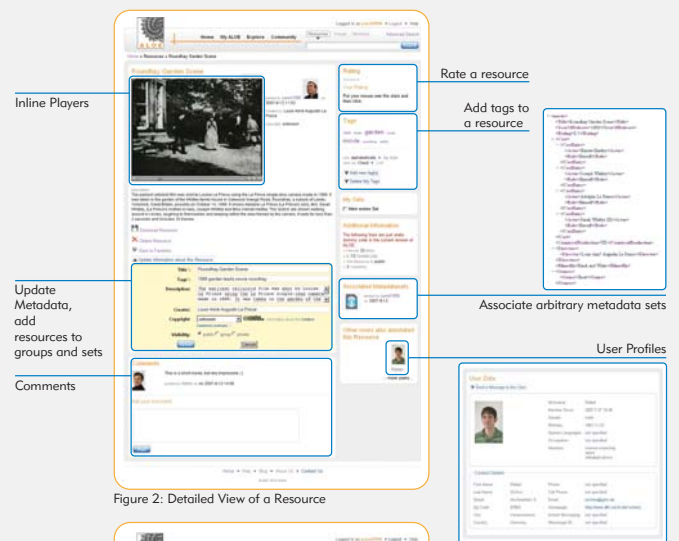


Figure 2: Detailed View of a Resource

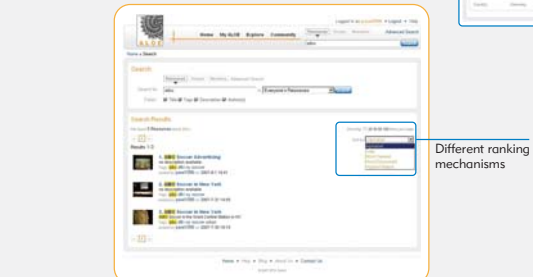
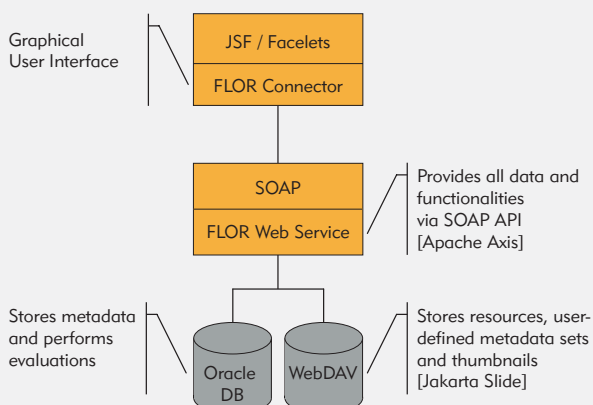


Figure 3: Searching Resources

Research Topics

- combining "social information" with standard search mechanisms
- adaptive tag recommendation
- automatic metadata generation
- aggregating different types of metadata
- aggregating context information
- encouraging user participation

Architecture



Acknowledgments

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For further information

Please contact aloe@dfki.uni-kl.de. This poster and more information on this and related projects can be obtained at <http://aloe-project.de> and <http://www.dfki.de>.

