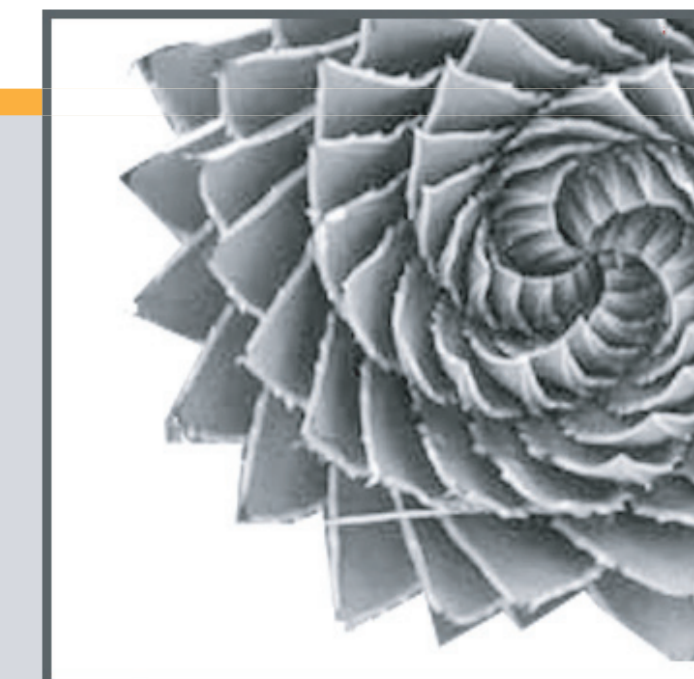


ALOE - A Social Resource and Metadata Hub



Martin Memmel, Rafael Schirru

Knowledge Management Department, DFKI GmbH, Kaiserslautern, Germany

ALOE is a social media sharing platform to realize

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

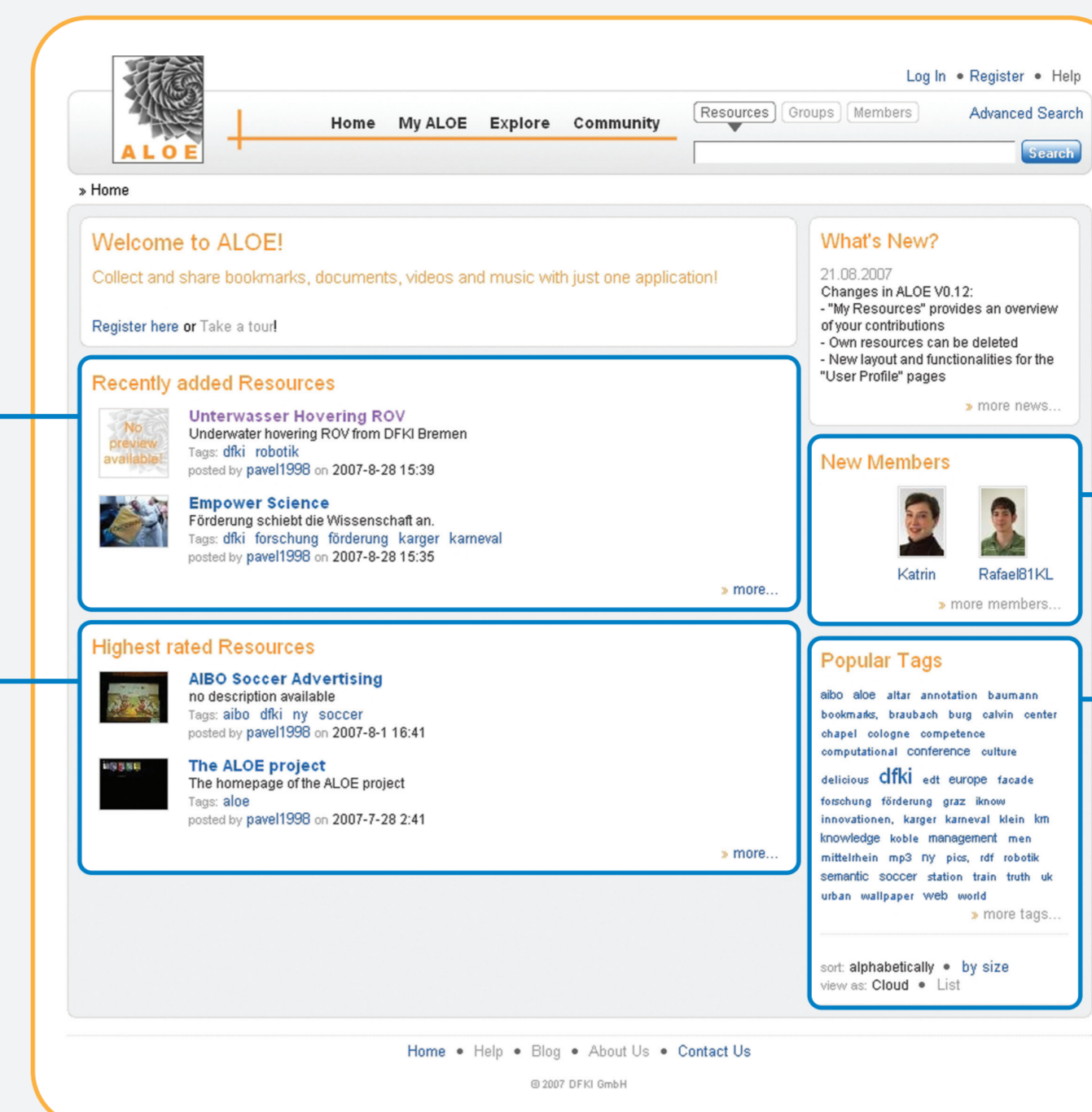
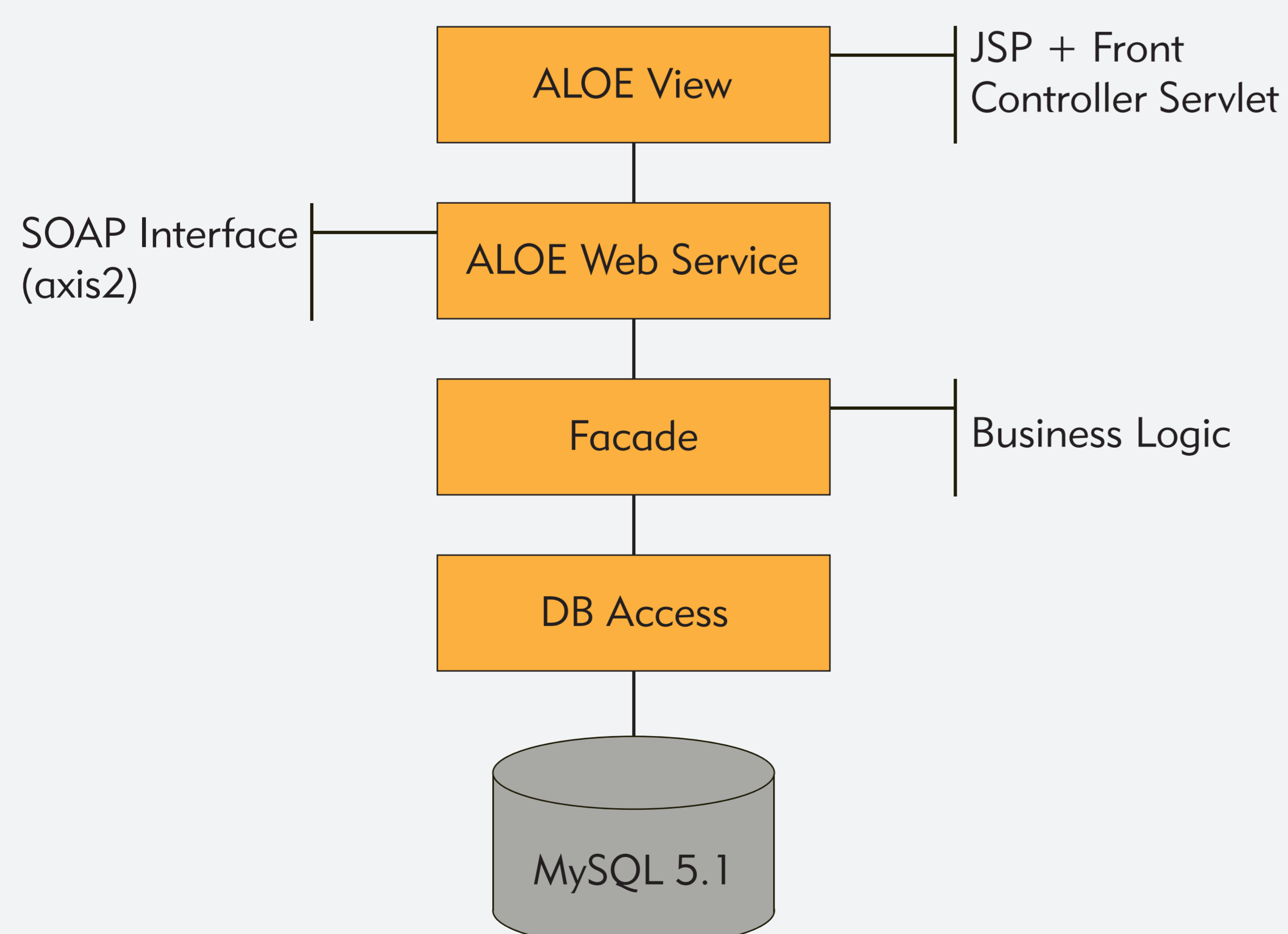
Features

- upload, share and organize arbitrary digital resources and bookmarks
- easy contribution via bookmarklet
- associate arbitrary metadata sets with resources
- tag, rate and comment
- find resources with different search filters
- rank search results according to various criteria
- initiate groups (public, closed, invisible) and communication
- publish as private, public, or for certain groups
- Web Service API (SOAP, REST) for all ALOE functionalities
- easy to adapt for different scenarios
- feed support for various information (to come in ALOE2.0)

Research Topics

- combining user generated content with traditional metadata
- adaptive tag recommendation
- automatic metadata generation
- aggregating different types of metadata
- aggregating context information
- encouraging user participation

Architecture



Recently added resources

Highest rated resources

New Members

Popular Tags

Figure 1: ALOE Start Page



Inline Players

Update Metadata, add resources to groups and sets

Comments

Rate a resource

Add tags to a resource

Associate arbitrary metadata sets

User Profiles

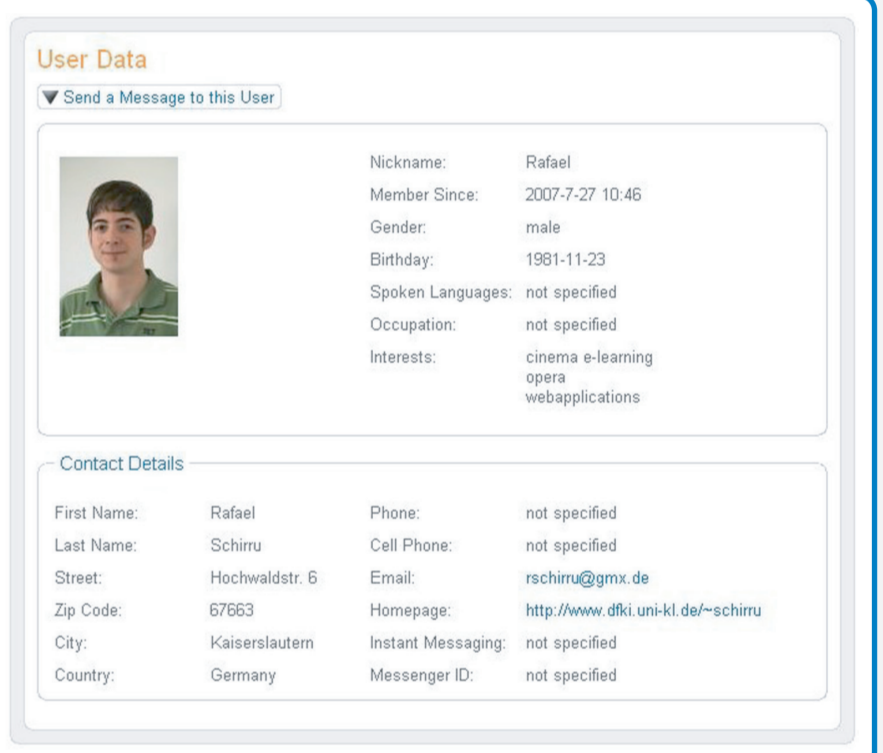
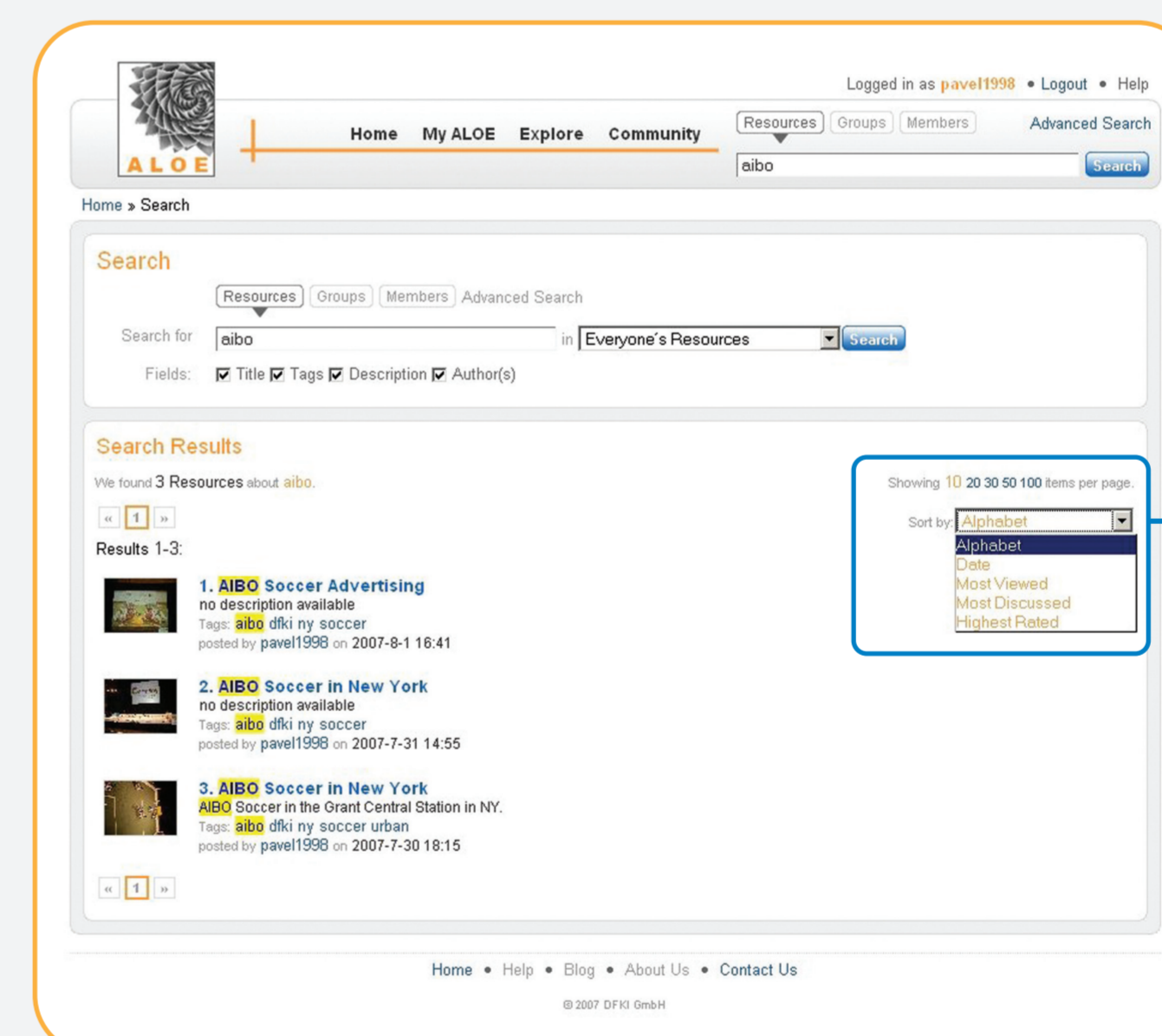


Figure 2: Detailed View of a Resource



Different ranking mechanisms

Figure 3: Searching Resources

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>.

