

# LINKED HERITAGE

kick-off meeting

Rome, 29/4/2011

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Project Manager

uma - seperating the signal from the noise...



# Company description

- Founded in 1994
- 15 employees
- Based in Vienna, representation in Munich
- Clients in GER/A/CH/UK/US
- Solutions:
  - Semantic Search Service Platform Melvil<sup>©</sup>
  - Semantic Enterprise 2.0<sup>™</sup>
  - Multitouch Platform SKIN<sup>™</sup>
  - Studies (cultural heritage)

# Kulturpool

- National Cross Domain Aggregator – Soon for Europeana
- National access portal to the digitized Austrian cultural heritage
- Joint project of the Austrian federal ministry of education, arts and culture (BMUKK) as well as the federal Austrian ministry for science and research (BMWVF)
- Development and implementation: uma information technology (Vienna)
- Portal is based on uma's semantic search service platform Melvil© and Atlassian Confluene (Web 2.0 WIKI)

# Kulturpool - History

2007

**Joint agreement on the project (BMUKK, BMWF)**

2008

**Development of first prototype and first contact with cultural institutions**

- Development on existing BMUKK infrastructure
- Implementation of search functionalities and connection of first data providers

2009

**Start of Beta service and further development**

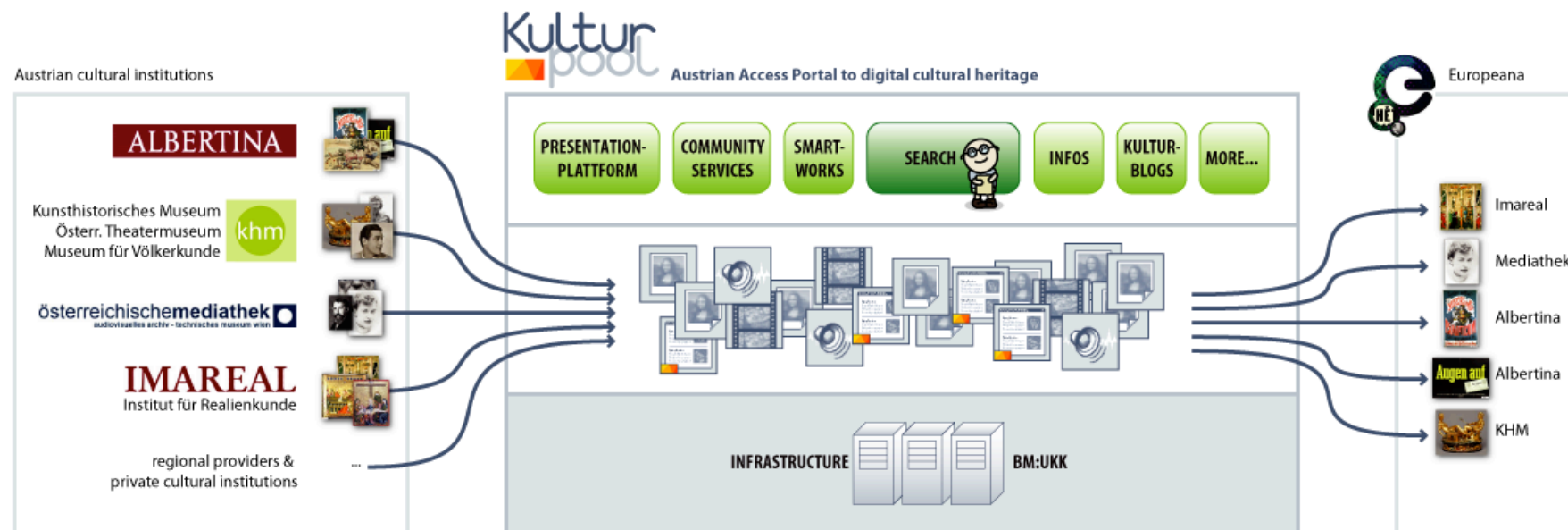
- Launch on 22.04.2009

2010

**Since 2010 – New version and further developments**

- New version started in place since 29.09.2010 with new functionalities and providers
- Continous connection of new providers
- At present more than 280.000 objects from 12 insitutions

# Kulturpool – High level Architecture



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# Kulturpool – Search Enigne: Melvil<sup>©</sup> Service Plattform

- Full text search
- Field search
- Query expansion with „related terms“
- Pre-/Post-Filtering (institution, asset type)
- Tagcloud search
- Comined search of terms and tags
- Highlighting

The screenshot displays the Kulturpool search interface. At the top, there are tabs for 'Simple search' and 'Advanced search'. The search bar contains the query 'kultur 1981 <Oper>' and a 'SEARCH' button. Below the search bar, there is a list of popular tags including 'Abzug', 'Berg', 'Brasilien', 'Denkmal', 'Deutschland', 'Foto', 'Gefäß', 'Gemälde', 'Geschichte', 'Gewässer', 'Grabausstattung', 'Graz', 'Kunst', 'Kunstgewerbe', 'Kunsthandel', 'Landschaft', 'München', 'Niederösterreich', 'Paris', 'Porträt', 'Rollenfoto', 'Rollenporträt', 'Sakralbau', 'Theater', 'Tirol', 'Wien', 'Zivlifo', 'Zivilporträt', 'kulturelle Institution', and 'Österreich'.

Below the search bar, there is a section for 'Hide more search options' and 'Related concepts zu Kultur'. The related concepts are listed as follows:

Concept	Selected
Kunst	<input type="checkbox"/>
Moderne	<input type="checkbox"/>
Musik	<input type="checkbox"/>
Natur	<input type="checkbox"/>
Tradition	<input type="checkbox"/>
Wien	<input checked="" type="checkbox"/>

Below the related concepts, there is a section for 'Refine Results' with two sub-sections: 'Institutions' and 'Object types'. The 'Institutions' section has a list of checkboxes for 'all', 'Albertina', 'Institut für Realienkunde', 'Kunsthistorisches Museum', 'Museum für Völkerkunde', 'Österreichische Mediathek', and 'Österreichisches Theatrumuseum'. The 'Object types' section has a list of checkboxes for 'all', 'Audio', 'Images', 'Page contents', 'Video', and 'Miscellaneous'.

Below the search bar, there is a section for 'Your search for kultur 1981 as well as Wien and the tag Oper yielded 3 Results!'. The search results are displayed as follows:

Seite: < 1 > 10

**RUND UM DIE FLEDERMAUS; AUSSTELLUNG IM FASCHING 1963; Amt für Kultur, Volksbildung und Schulverwaltung; Wien**

Escher (Künstler)  
Albertina  
Tags: Wien Musik Oper kulturelle Institution  
Beschriftung: I.u. "DRUCK BRÜDER ROSENBAUM, WIEN" (im Druck)

**SPECTACULUM 89; Prunksaal der Österreichischen Nationalbibliothek, Wien; Konzertante Aufführung, IL POMO D'ORO; Symposium KUNST UND KULTUR ZUR ZEIT KAISER LEOPOLDS I.; Juli 1989**

On the right side of the search results, there is a yellow box with the text 'Found what you were looking for?' and a cartoon character. Below this box, there is a section for 'Rarefy result' with a list of checkboxes for 'all (3)', 'Albertina (3)', 'Institut für Realienkunde (0)', and 'Kunsthistorisches Museum (0)'.

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