Component A / Module 2: Search Function

Component A
The Search Function

Module 2
Search over digital resources of the academies and their SSH projects

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Objectives:

• Second stage: a search function for digital resources to advance the project database
• Aggregate metadata of existing academies’ repositories
• Make this data searchable in a meaningful way
• Encourage and enable academies to make their digital resources accessible and reusable by other infrastructures (Service and Information Hub)
Academy A (central repository at the academy)

Academy B (repository at an institute)

Academy C (no / external repository)

Module 1: The Project Database

External data center or publication repository, e.g. Zenodo, CLARIN etc.

Project database including various information about subject, methods, institution, etc. (based on CERIF)

All kinds of digital resources

Repository / Data Center

Research data, publications etc.

Module 2: Search over digital resources

Users: researchers, IT and library staff, students, research managers (at the academies and beyond), general public, policy makers

Aggregate and process Metadata or full texts

Academy A

Academy B

Academy C

Academy D (with or without research projects)
Use Cases

• A researcher compares dialect dictionaries of diverse European origins and is looking for available relevant digital resources

• A user of the AGATE project database (student, citizen, researcher, etc.) wants to learn more about the actual research done by the projects of the academies

• A research coordinator would like to make his/her edition project visible for a broader audience
Requirements for the Search Function

• Offer a one stop search entrance to the distributed digital resources of the European academies
• Facilitate easy and intuitive browsing and meaningful search results
• Offer API for other metadata aggregators (OpenAIRE, Europeana, Clarin vlo, etc.)
• Use existing and assist in setting up new APIs (e.g. OAI-PMH) and aggregate metadata (Service and Information Hub)
Challenges

- Quality of metadata and search results
- Develop guidelines: easy application and broad participation vs. high quality results
- Legal aspects: licenses / open and restricted access
- Sustainability (maintenance, updates, dead links)
- Multilingualism
Recommendations

- A metadata repository based on the DSpace CRIS
- Harvest metadata (minimum standard Dublin Core) via OAI-PMH API’s
- Minimum standards for a repository and/or the metadata as a condition to be included
- A helpdesk and any other form of guidance (FAQ) should be provided via the AGATE Service and Information Hub
- Consider the experiences of related infrastructures