Persistent Identifier Policies for DARIAH

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GWDG - Gesellschaft für wissenschaftliche Datenverarbeitung mbH Göttingen

DASISH workshop on Persistent Identifiers – "Services and Policies"

Cologne, 8-9. December 2014

www.dariah.eu

Agenda

- The DARIAH 'network'

- Planned activities on PID policies

- Current status

- Identified PID policies

- Outlook

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THE DARIAH NETWORK

www.dariah.eu

A quick history of DARIAH

- **2006:** DARIAH included in the ESFRI Roadmap

- **2008 – 2011:** Preparatory Phase project, *Preparing DARIAH*

- **2011 – 2013:** 'Transition Phase', establishing the DARIAH-ERIC, integrating national activities

- **2014+:** DARIAH-ERIC
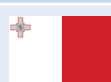
Countries, Affiliated Projects...

- Coordinating activities and identifying policies is challenging
  - Several DARIAH countries with different country profiles
  - Several affiliated A+H projects / research infrastructures

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15 Committed Founding Members

Founding Members	
Austria	
Belgium	
Croatia	
Cyprus	
Denmark	
France	
Germany	
Greece	

Founding Members	
Ireland	
Italy	
Luxembourg	
Malta	
Netherlands	
Serbia	
Slovenia	

Candidate countries	
Lithuania	
Poland	
Portugal	
Spain	
Switzerland	

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Network of affiliated projects

ARIADNE

Archaeologists

CENDARI
COLLABORATIVE EUROPEAN DIGITAL
ARCHIVE INFRASTRUCTURE

Medieval and Modern Historians

DiXiT
Digital Scholarly Editions
Initial Training Network

Digital Textual Scholarship

EHRI
EUROPEAN **HOLOCAUST**
RESEARCH INFRASTRUCTURE

Holocaust Researchers

CHARISMA

Cultural Heritage conservation

NeDiMAH
Network for Digital Methods in the Arts and Humanities

Digital Methods

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Collaboration on the Technical Infrastructure

- DARIAH's goal is collaboration with other (European) infrastructures

- To enable collaborations, the DARIAH eInfrastructure aims interoperability

- DARIAH utilizes existing standards and existing services
  - Examples

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Examples of Collaboration
on the Technical Infrastructure

Persistent Identification
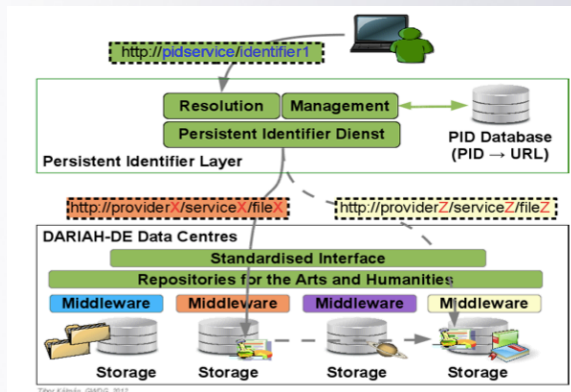
Federated, Generic Search
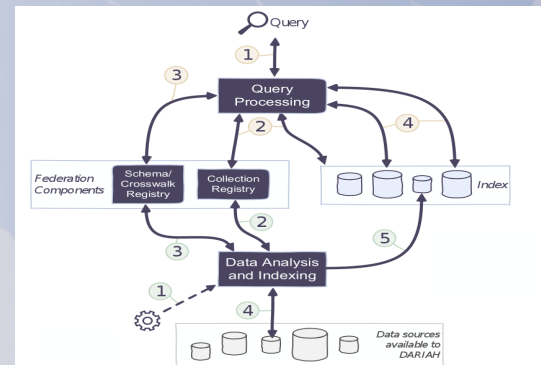
Collaboration Tools
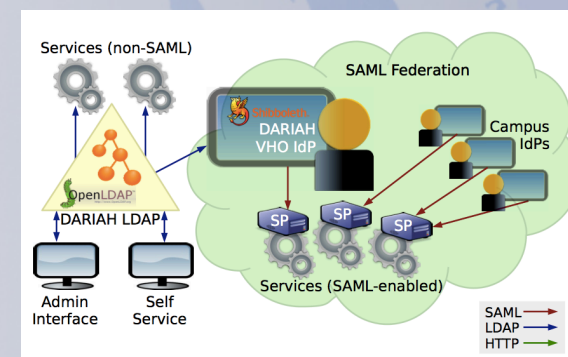
AAI Infrastructure

Examples of Collaboration
on the Technical Infrastructure

Persistent Identification
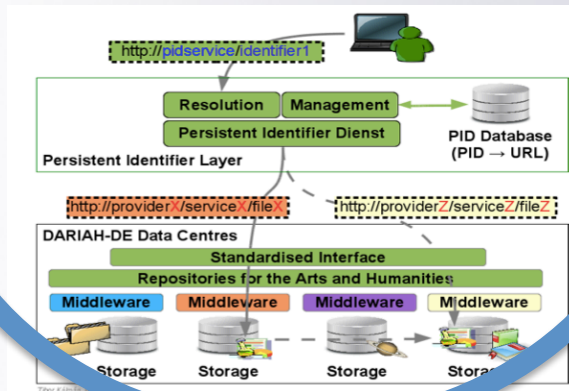
Federated, Generic Search
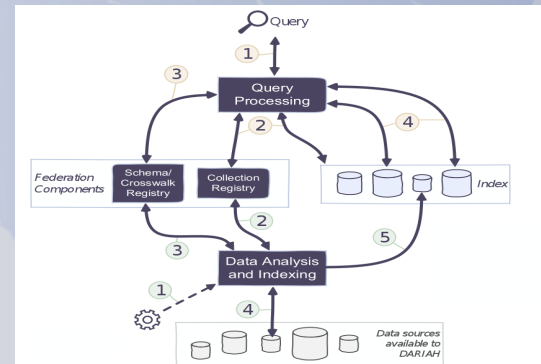
Collaboration Tools
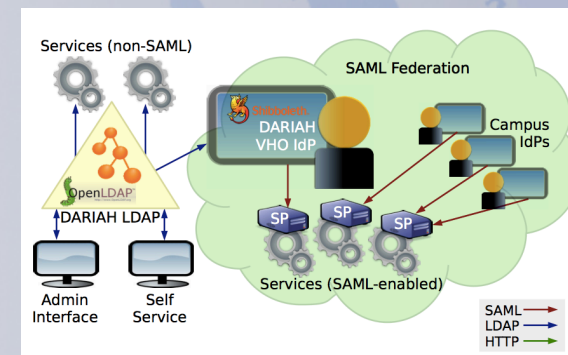
AAI Infrastructure

Basic Services – Persistent Identifier

- Persistent identification of digital objects
  - for storing, archiving, publishing and referencing
- It requires standards and services
- DARIAH applies existing standards and services
  - Handle (www.pidconsortium.eu), URN, etc
  - (Globally) distributed resolution
- Service operated by DARIAH partners
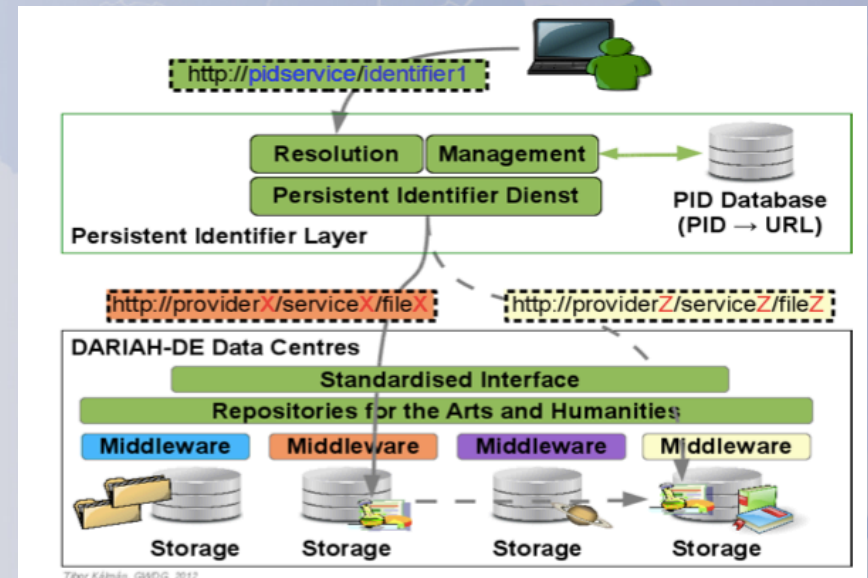
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PLANNED ACTIVITIES ON PID POLICIES

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PID-Policy Working Group

- Activities should be coordinated somehow...
  - The DARIAH 'Working Group' framework provides support for that
- Proposal for a new Working Group for PID Policies in DARIAH
- Whose concern is this?
  - Developers of (data) repositories
  - Curators of digital resources in the arts and humanities
  - Data producers in charge of research/documentation projects

  - Anybody else?

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Planned Activities on PID Policies

A working group will elaborate a set of guidelines aiming at an optimal trade-off between…

1. the needs of data producers: agenda and granularity of PID assignments, usability for citation, distributed (cross-repository) access to target documents etc.;

2. usage options: displaying and processing targets, access-rights management etc.;

3. technical constraints: service reliability, security, cost and expertise of implementation, recurrent and volume-related expenses.

Needs of Data Producers

DARIAH PID Guidelines ("PID Survival Kit")

Technical Constraints

Usage Options

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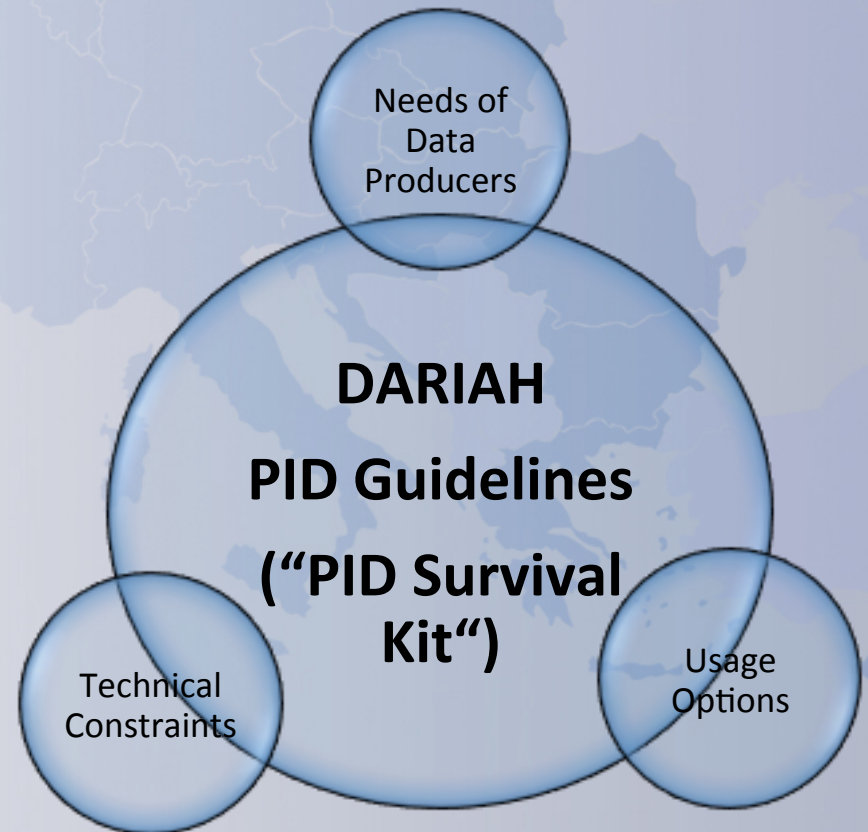
A few questions tackled by the WG

- At which stage of the data lifecycle PIDs should be assigned?
  - The use of PIDs as reference may be beneficial in an early state of the research data life cycle, for example for sharing data between working groups or for implementing additional data workflows based on persistent identification.
- For which granularity of documents?
- How will they reflect the versioning of archival packages and their contents in a long-term preservation approach?
- What are the functional and framework requirements?
- What do provide the different PID schemes for the management of shared digital resources in arts and the humanities (URN, DNB, handle, DOI, ARK…) in this respect?

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Works Done Previously…

Providers, 'external' parties

Affiliated AH projects

DARIAH Institutes PID-Policies
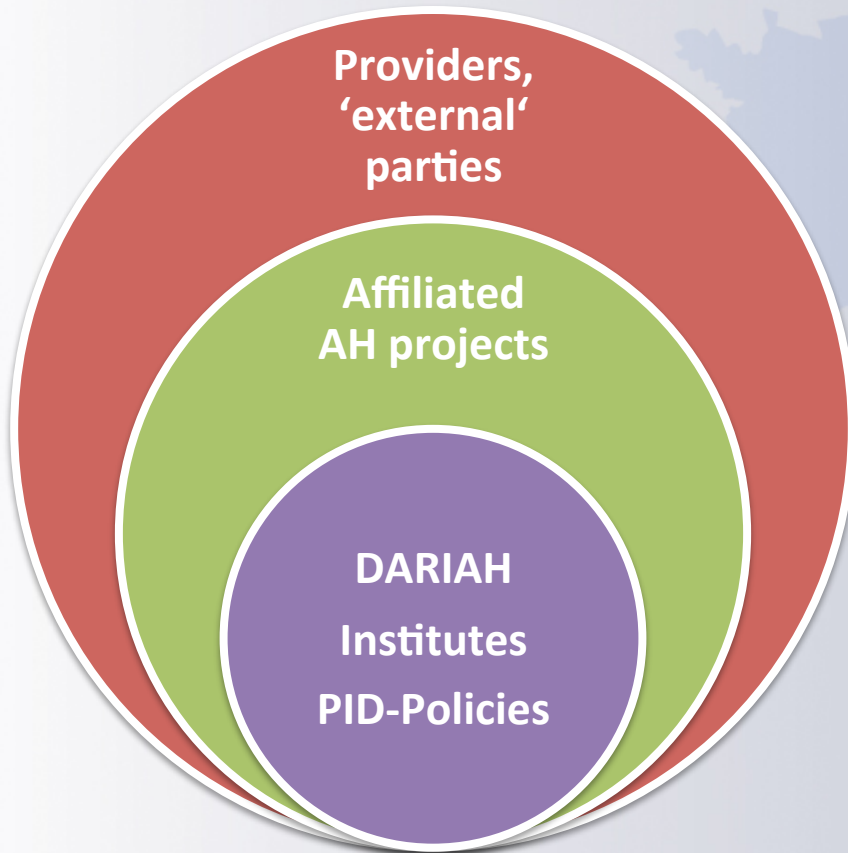
- Providers, externals:
  - DONA, EPIC, DOI Foundation, etc
  - ???

- Affiliated A+H projects:
  - Reports (DASISH, CLARIN)
  - ???

- Institutes contributing to DARIAH

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Tentative roadmap (12-18 months)

- Identifying "PID-people" from DARIAH countries
- Surveys of
  - Existing surveys regarding PID (policies)
  - Existing PID service implementations and their specific guidelines
  - Identified expectations of the DARIAH community with respect to PIDs
- Collaborative editing of
  - guidelines for DARIAH

Surveys of
- existing surveys regarding PID (policies)
- existing PID service implementations and their specific guidelines
- identified expectations of the DH community with respect to PIDs

Collaborative editing of
- guidelines for DARIAH

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Status (December 2014)

- Initiative for a Working Group:
  - DARIAH-AT
  - DARIAH-DE
  - DARIAH-FR

- Further contributors ("deliver input"):
  - ???

- Interested people ("read-only"):
  - ???

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PID POLICIES ALREADY IDENTIFIED

PID Policies Already Identified

A few policies being already discussed:

- Deleting PIDs
- Adding information to each PID record (additional, [administrative] metadata)
- DC5: checking whether the Dublin Core attributes are defined for a CREATE or UPDATE query

- A 'simple' PID with 1 field only (URL and nothing else)
- Supporting various 'PID string' syntaxes
- Using PREFIX
- Using SUFFIX
- Enabling DUPLICATEs

- and several others…

Questions?

DARIAH-EU Virtual Competency Centre 'e-Infrastructure' (VCC1)

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