

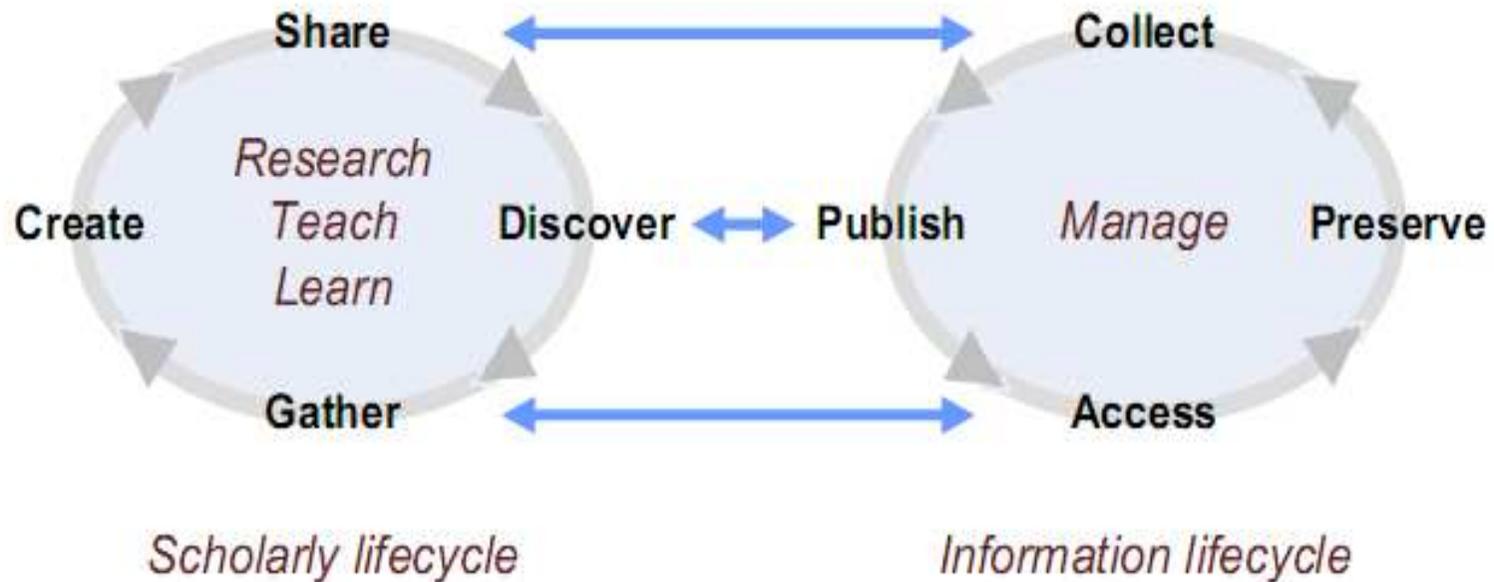


# Directions of Development of the DYAS/DARIAH-GR Digital Research Infrastructure

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# Scholarly and information lifecycles



Source: UC Curation Center / California Digital Library, Merritt: An Emergent Micro-services Approach to Digital Curation Infrastructure, Rev. 0.6 – 2010-03-25

# Digital information in the arts and humanities: levels of understanding

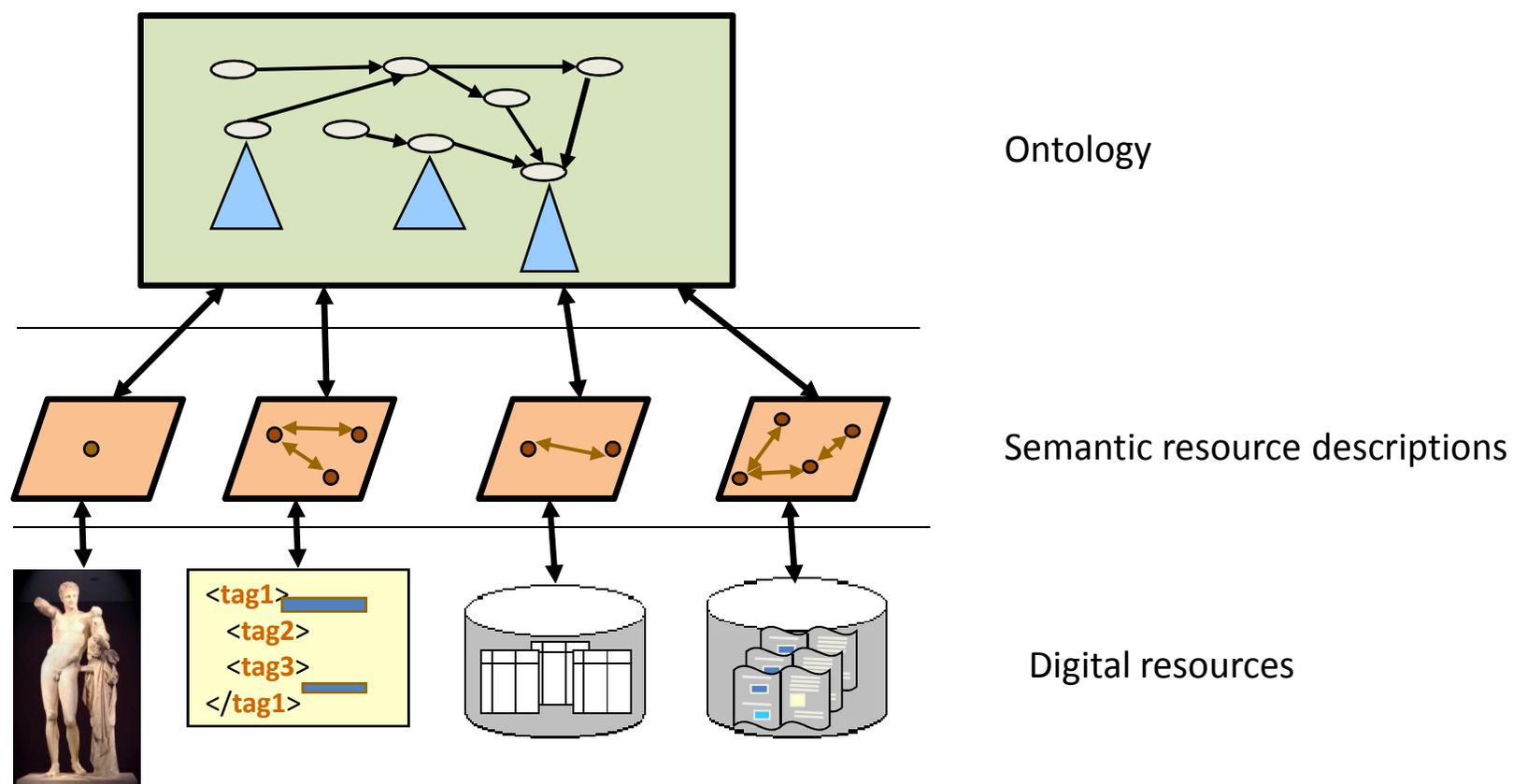
- Object level
  - Dealing with tangible and intangible cultural objects
  - *How are such objects constituted from an information viewpoint?*
- Process level
  - Dealing with information use
  - *How are arts and humanities information objects created, accessed, used, modified?*
- Discourse level
  - Dealing with knowledge and practices
  - *How does the information system function, at the level of pragmatics, as a knowledge system?*

# Some current issues

- Vast amounts of disaggregated, digitised and born- digital information,
- Digital cultural assets not just about ‘primary’ cultural objects (texts, artefacts, art works, etc.),  
*but increasingly about object histories, interpretations, narratives*
- Loss of context and interpretation in the course of moving from paper-bound to digital information practices
- Multiple interpretive communities, with different frames of reference, goals and information affordances

# A virtually unified digital space

- Unified access to autonomous digital collections
- Value multiplier
- Pre-condition: syntactic and **semantic** interoperability



# Digital resources

Kinds of digital resources:

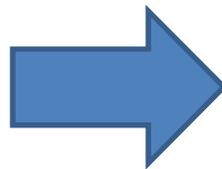
- Data, primary and secondary
- Models
  - Guides for interpreting and associating data
- Terminology

For all digital resources one should ensure:

Quality

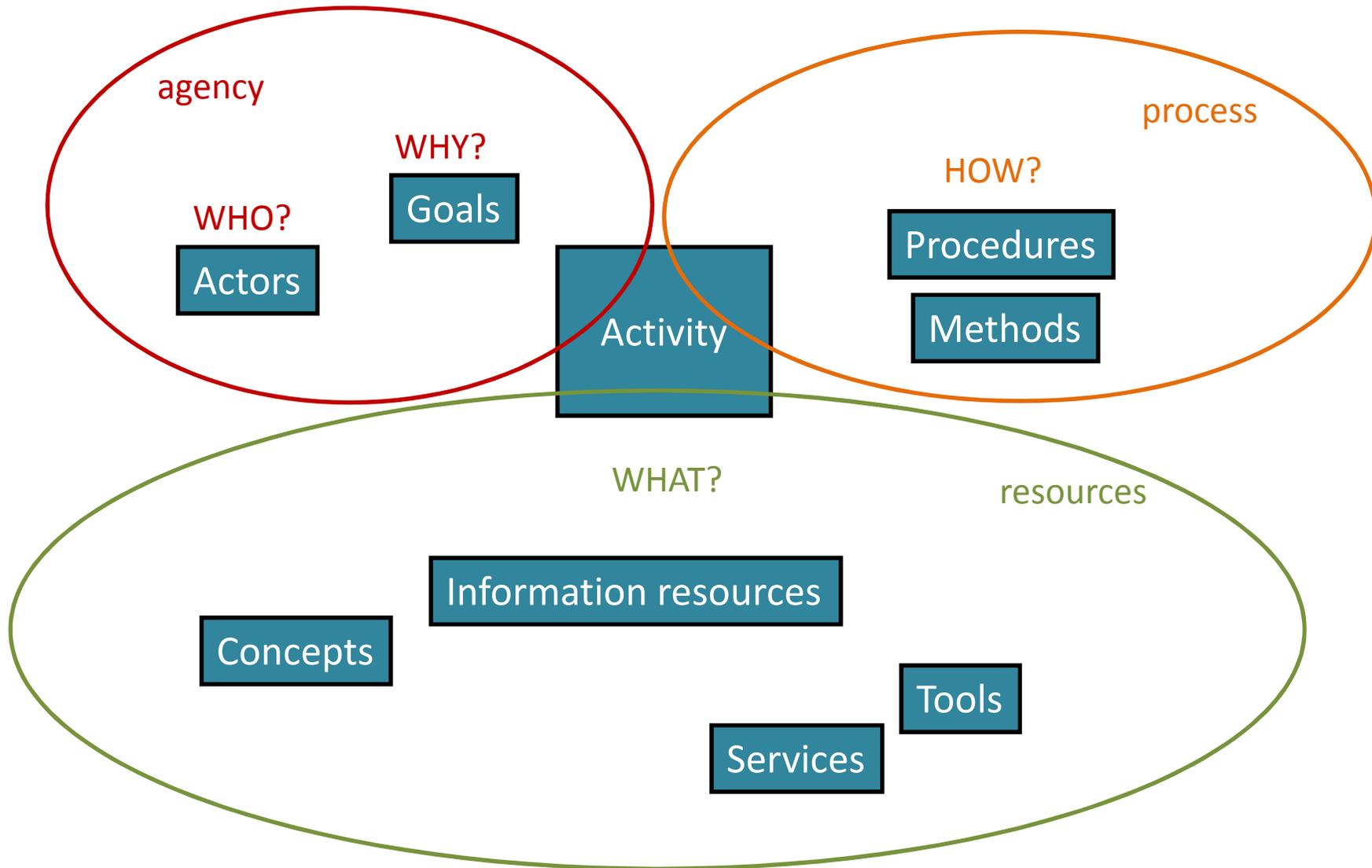
Preservation

Usability



digital curation

# Scholarly activity



# The Greek Digital Infrastructure for the Humanities

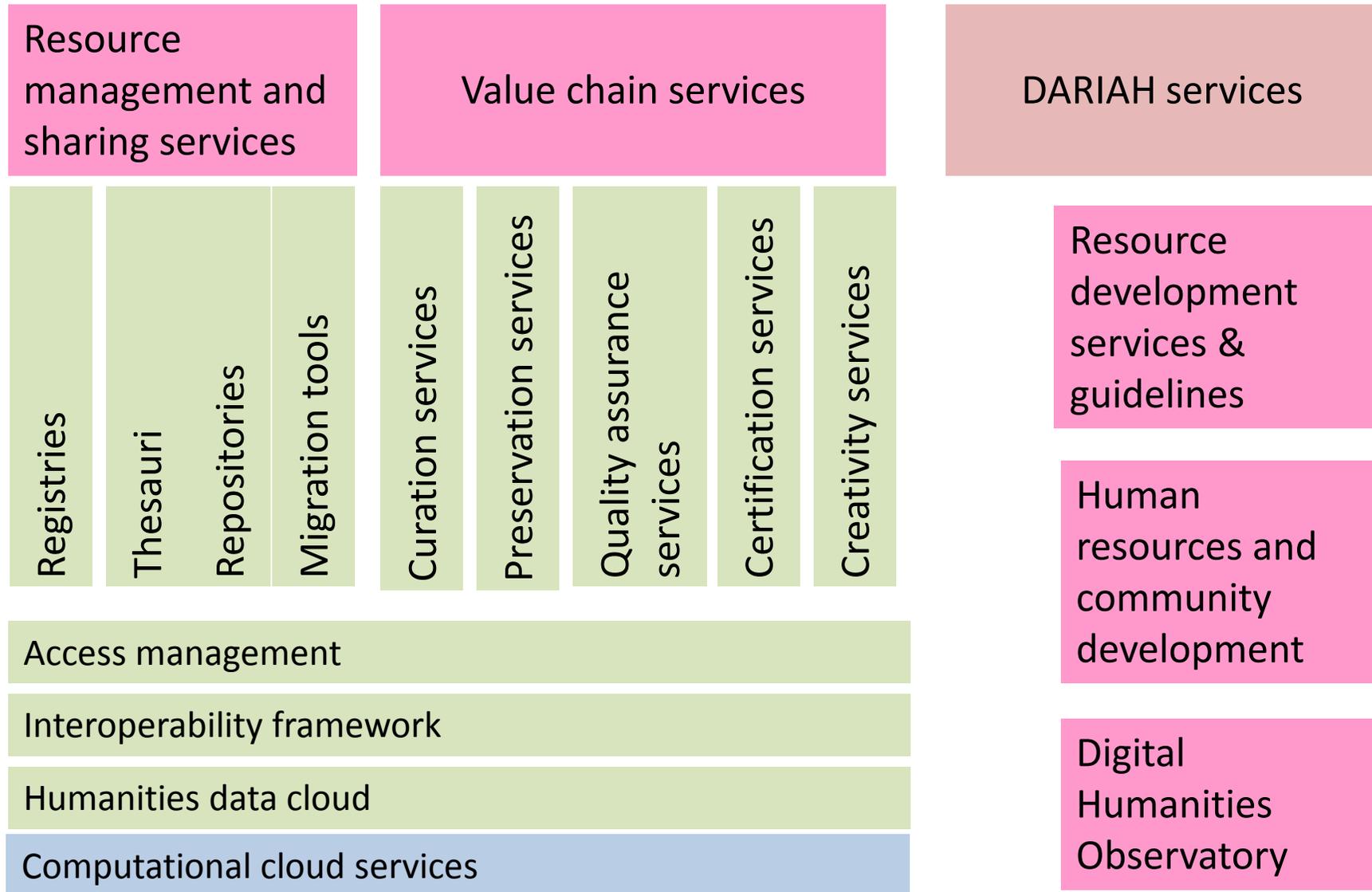
## DARIAH-GR

- Supports the Greek Humanities research community and contributes to the development of ICT enabled research.
- Broadens the scope and opportunities for research through the interconnection of various distributed digital resources.
- Promotes the access, use, creation and long-term preservation of research data, both primary and secondary, in digital form.
- Supports the exchange of knowledge, methods and working practices amongst scholarly communities.

# Major challenges

- Building a community of practice and expertise
- Information policies in the Humanities
- Knowledge sharing in the Humanities
- Multiple evolving interpretations, context
  - Interpretive communities: by language, cultural identity, scientific tradition, ...
  - Alternative interpretations
  - Research induces re-interpretation
- Interoperability
- Long-term access and preservation

# DARIAH-GR services



# Resource sharing services

- Data sources and collections registry
- Metadata registry
- Ontologies and vocabularies registry
- Software services registry

# Resource development services and guidelines

- Data collections, metadata and vocabularies development
- Metadata quality assurance
- Standards and best practices
- Rights management
- Human resources development
- Guidelines for content management, repository development, and long-term preservation
- Software systems
- Certification process development

# Human resources and community development

## Training and collaboration

- Summer schools
- Seminars
- Workshops

## Special interest groups

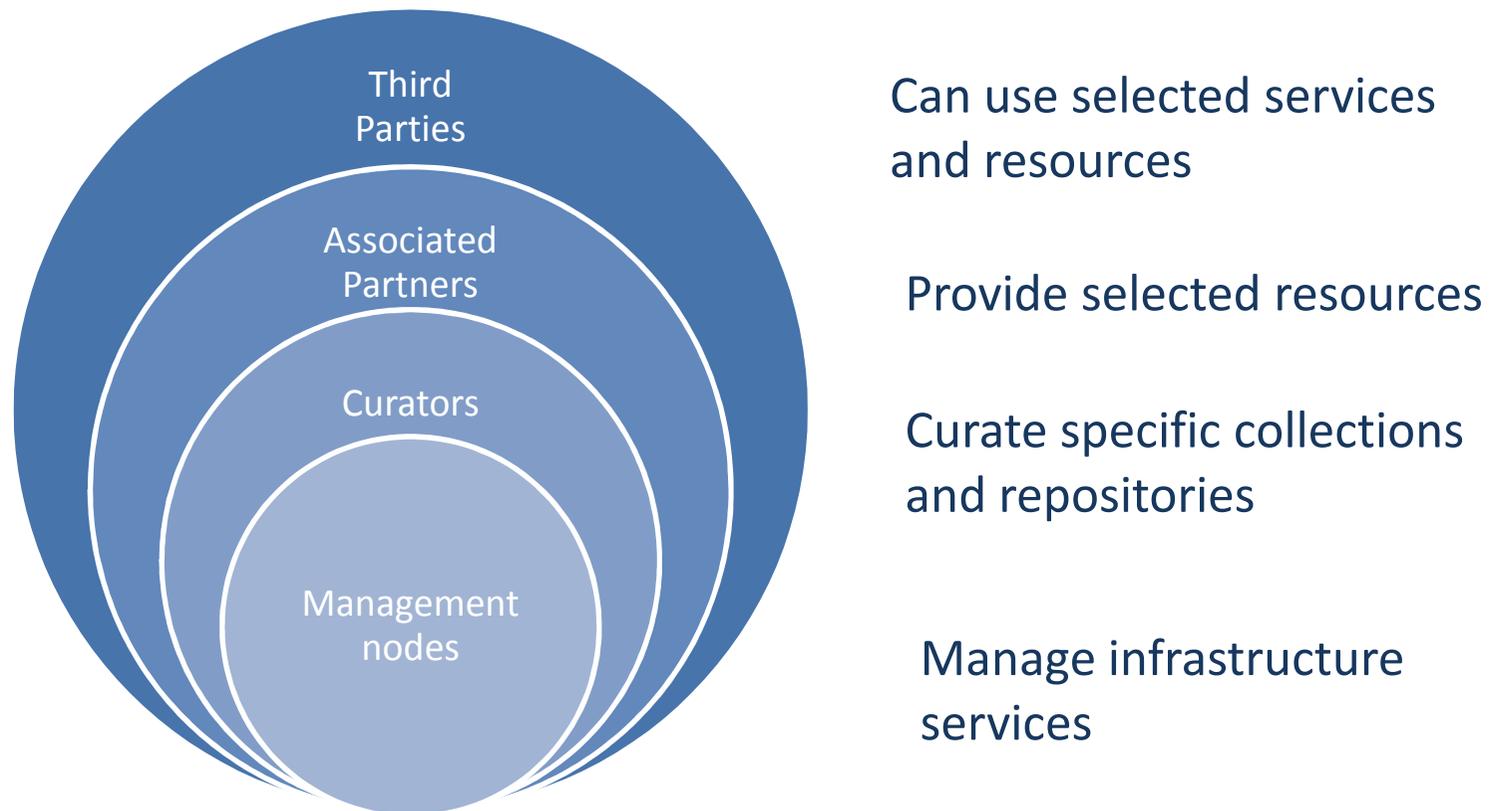
- Research methods group
- Domain representation and terminology group
- Business forum

# Digital Humanities Observatory

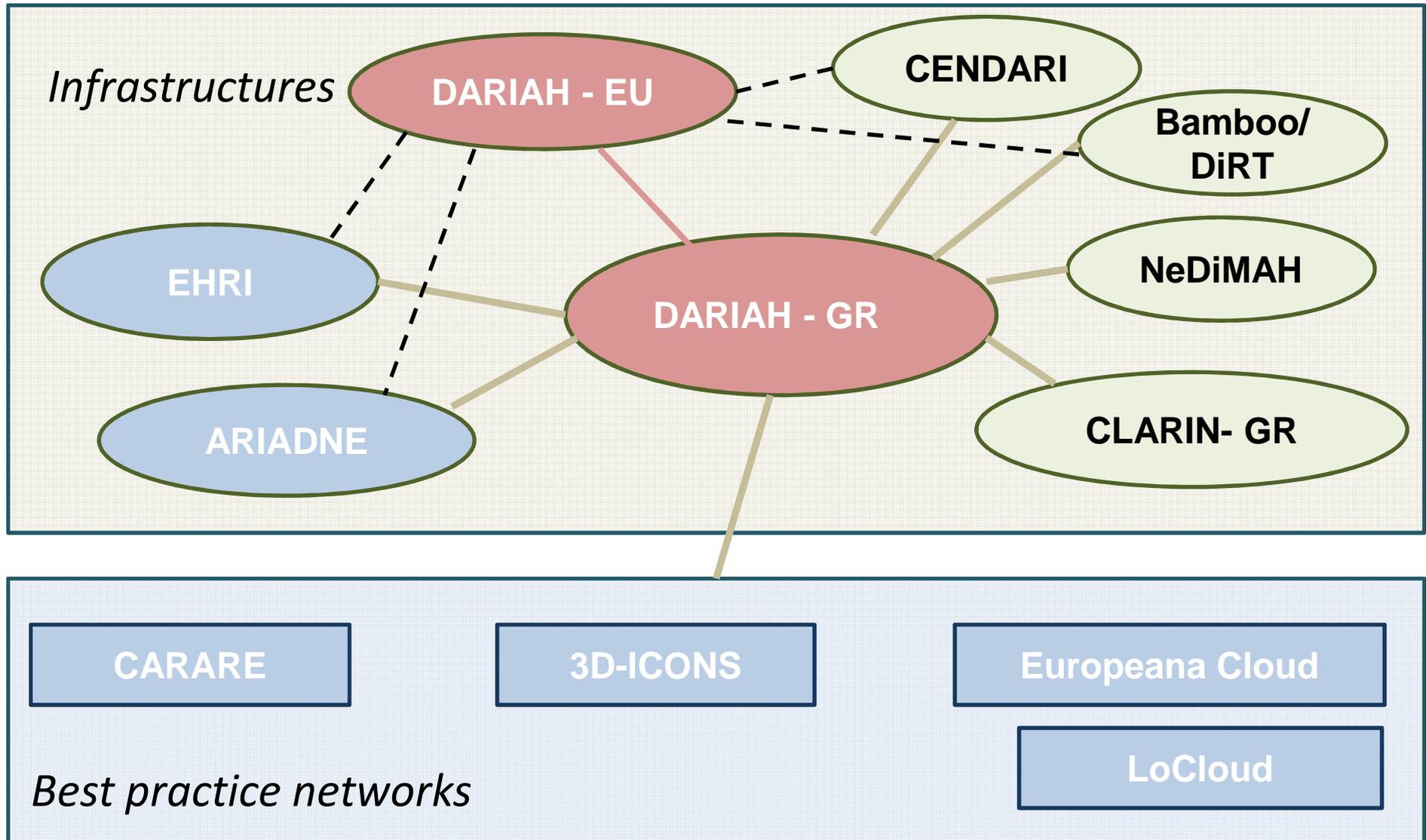
- Study of the use of digital methods in the Humanities
- Monitoring the developments in the field of Digital Humanities
- Working groups and think tanks
- Awareness actions and knowledge dissemination
- Online provision of knowledge resources

# DYAS organization scheme

DYAS is designed as a distributed infrastructure with members at distinct levels of involvement and procedures for admitting new members.



# Networking



The development of the DYAS infrastructure is funded by the National Strategic Development Framework (ΕΣΠΑ) 2007-2013 through the projects DARIAH-ΑΤΤΙΚΗ and DARIAH-ΕΠΑΕ.

## Partners

- Academy of Athens, *co-ordinator*
- Athena Research Centre
- National and Kapodistrian University of Athens
- Athens School of Fine Arts
- Institute for Communication and Computer Systems, National Technical University of Athens
- Foundation for Research and Technology - Hellas

