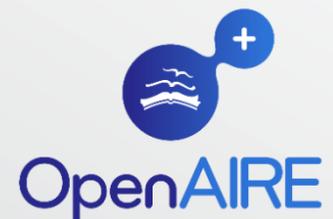


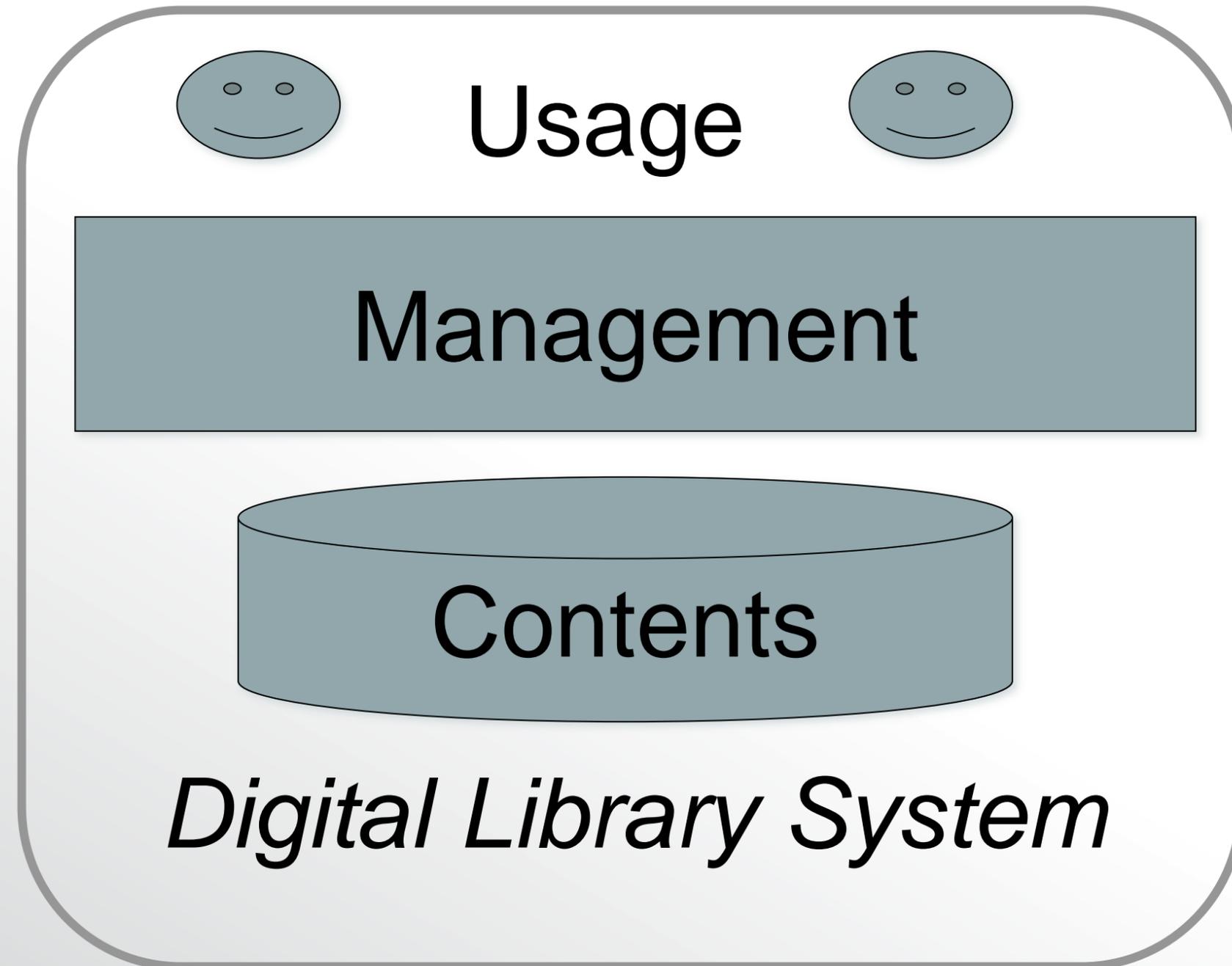
# eInfrastructures and Digital Libraries... the Future!

Yannis Ioannidis

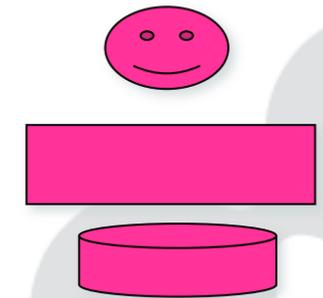
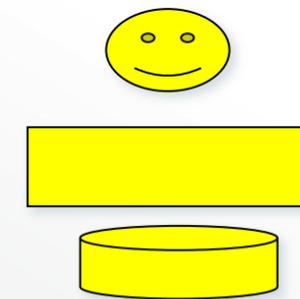
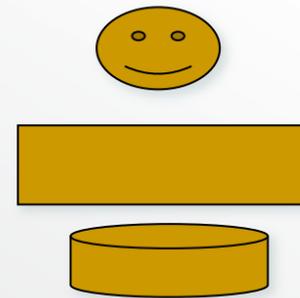
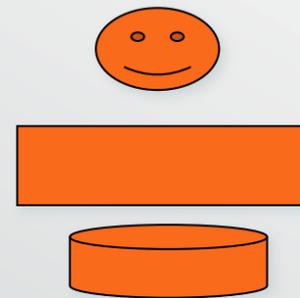
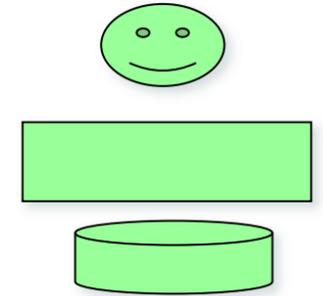
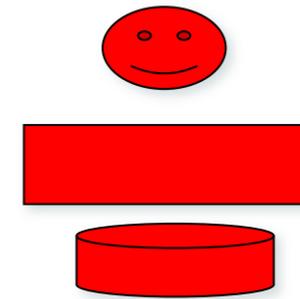
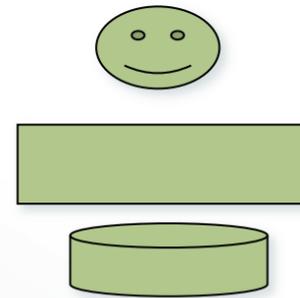
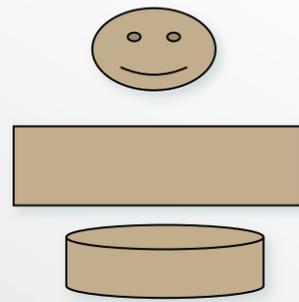
University of Athens & “Athena” Research Center



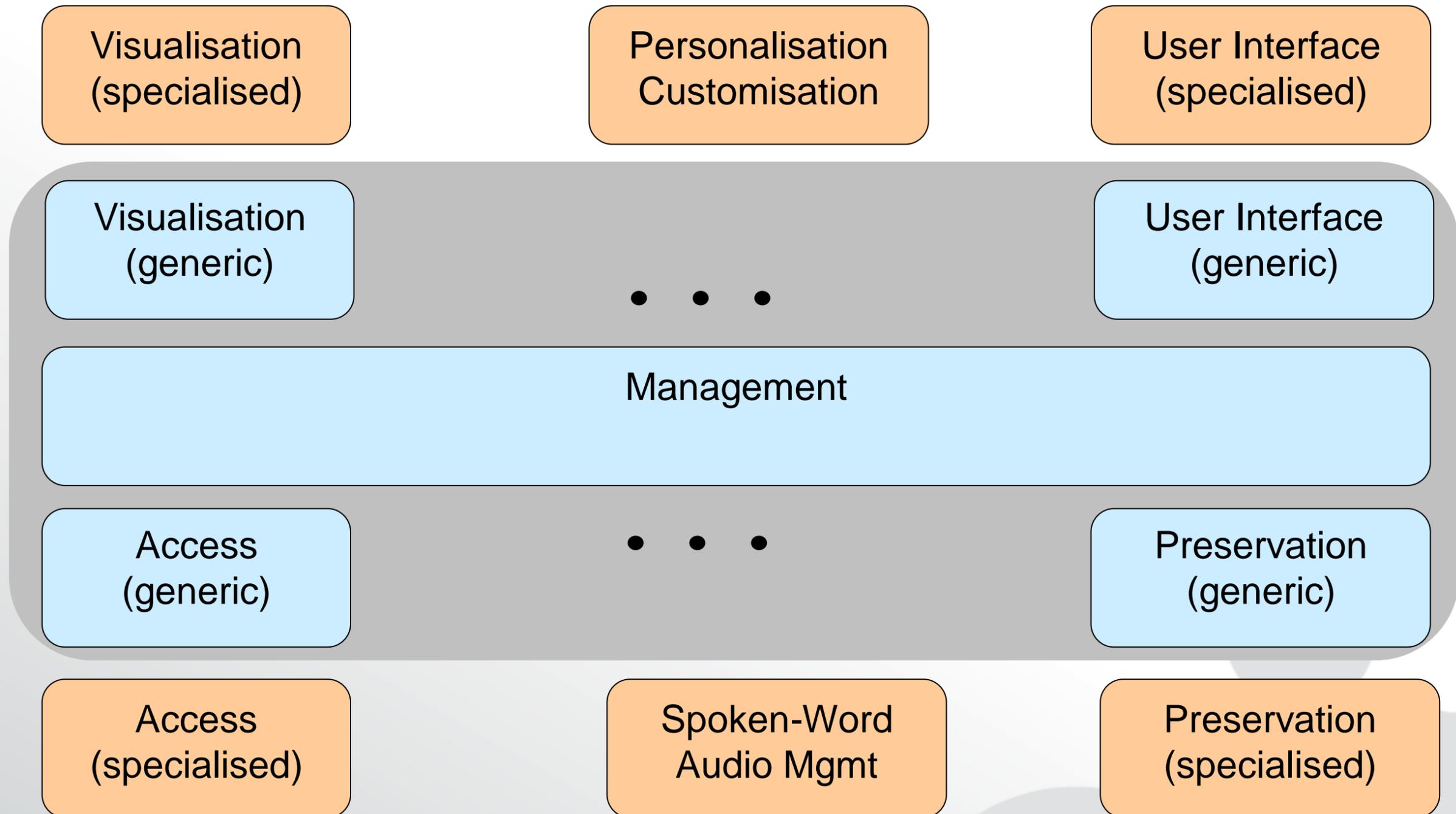
# Abstraction



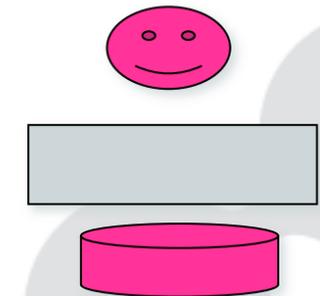
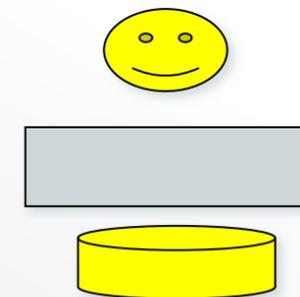
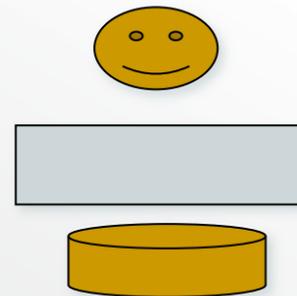
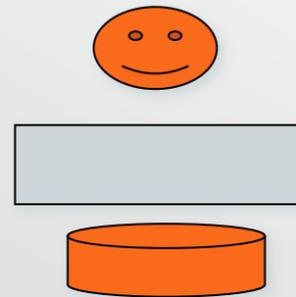
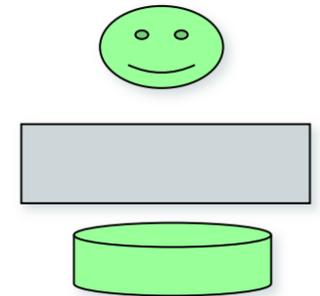
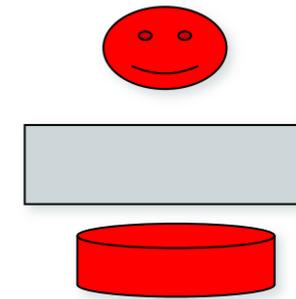
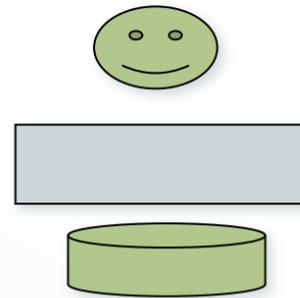
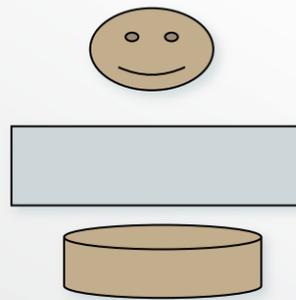
# The Past: Ad hoc, Isolated



# DL Management Systems



# The Present (?): Generic Core



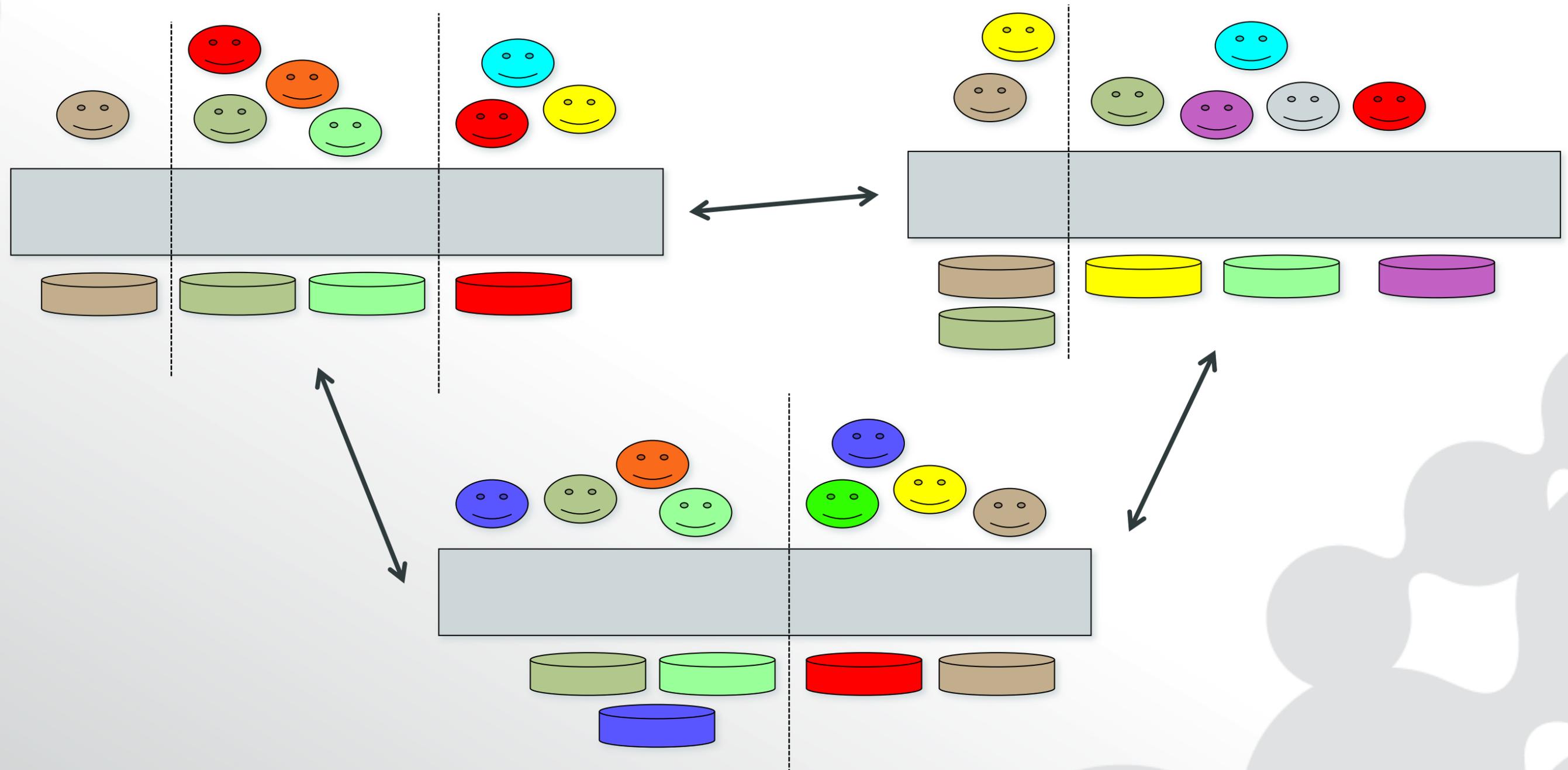
# The Future: eInfrastructure

## Infrastructure

- “**Embedded**” - Sunk into and inside of other structures, social arrangements, and technologies...
- “**Transparent**” – Not reinvented each time or assembled for each task, but invisibly supports those tasks...
- Spatial or temporal “**reach or scope**” beyond a single event or site

*Star, S. L. (1999)  
The ethnography of infrastructure*

# The Future: eInfrastructure





# OpenAIRE

- **Implementing Open Access Policy of Europe**
- Participatory infrastructure of people, repositories, databases, technologies
- Universe of high-quality linked research info
- Advanced services on top of and around that universe
- **Multiplicities and “Interplicities”**
  - Multi- and Inter- $\{$ national, lingual, disciplinary, organizational, media, genre,.. $\}$



Everyone



Author

Deposit Pubs & Data



Researcher, SME, ...

Visualize - Manage Enhanced Publications



Curate & collaborate

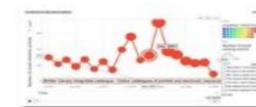


Search & Browse



Funding Agencies

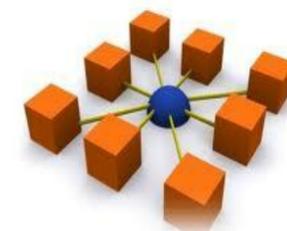
Research impact Citations, usage statistics



Linked Content Statistics



3rd Parties



APIs

Registry

Link

Classify

Text Mine

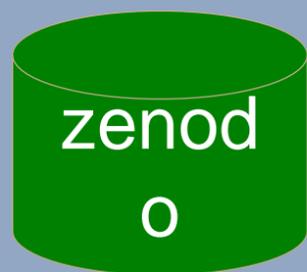
De-duplicate

Cite

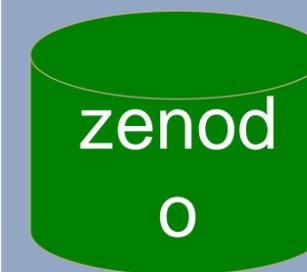


OpenAIRE HUB

Pub Metadata & Usage Data



Data Metadata



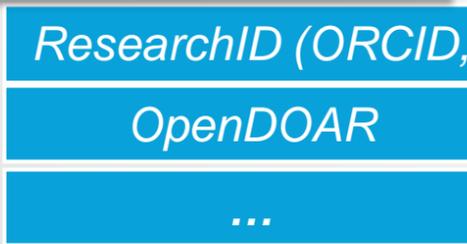
CRIS

Guidelines for Publications

Guidelines for Funding Info

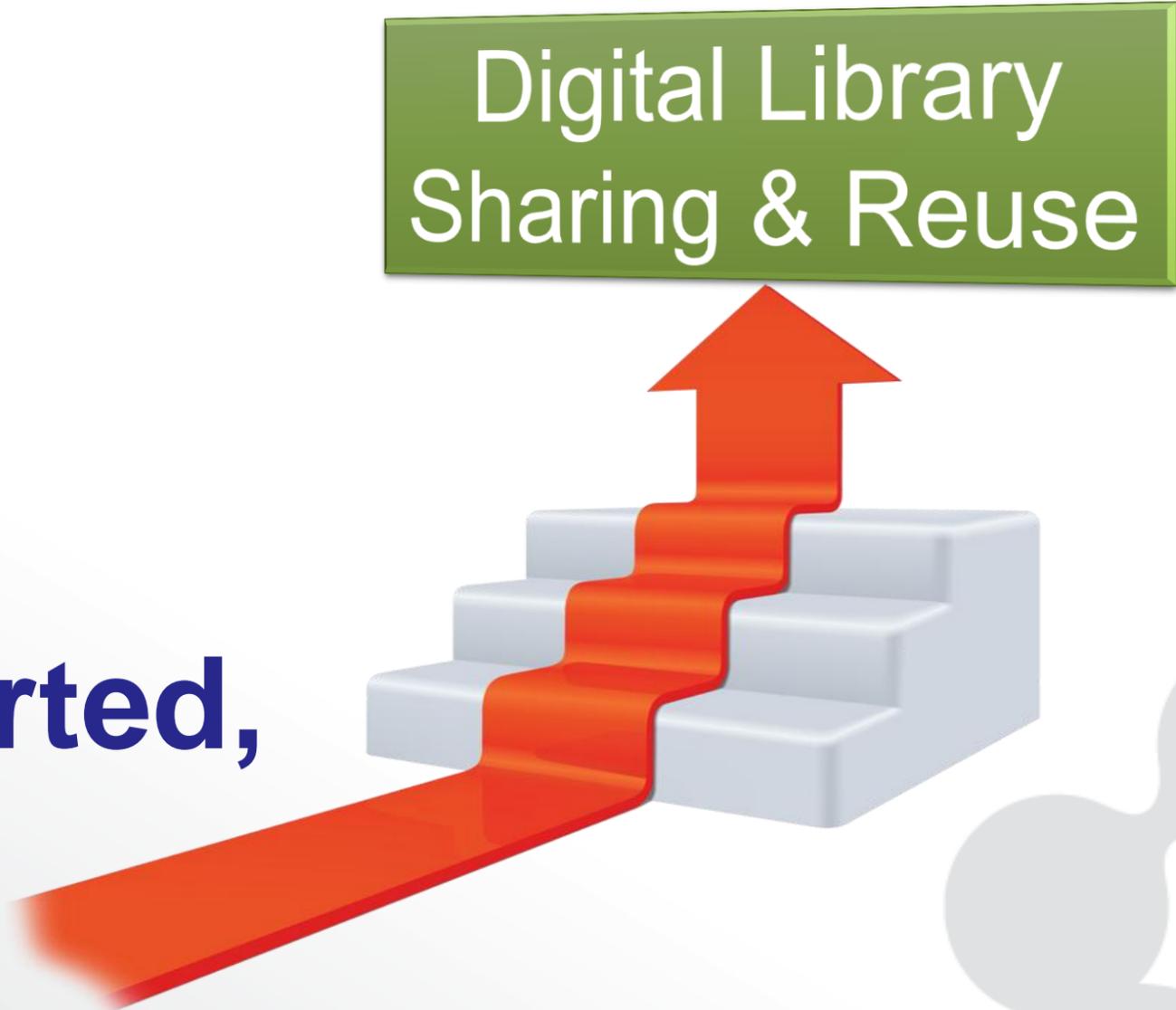
Guidelines for Datasets

8,050,000 OA publications  
400 validated repositories  
(institutional & thematic,  
one with 4000 OA Journals)



Data repositories

**The process has started,  
let's help it .....**



Digital Library  
Sharing & Reuse