

# Facilitating Data Upload, Access and Deployment

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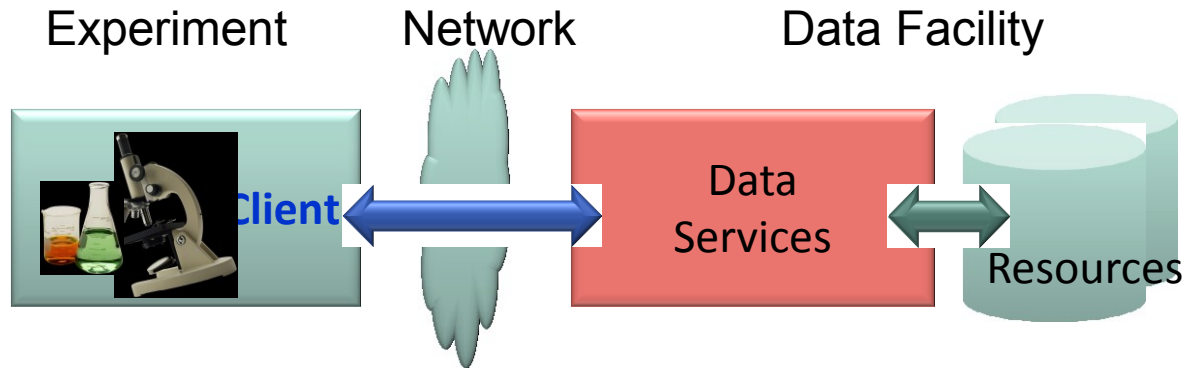


Large Scale Data  
Management and Analysis



Digital Research Infrastructure for  
the Arts and Humanities

# Data Upload and Data Access



## Data Services:

- Ingest / Access
- Storage virtualization
- Meta data mgmt.
- Archive service + PID
- Federations
- Workflow mgmt.
- Community services

**Facilitation** from the users perspective:

**Interfaces** and **clients** are easy-to-use, reliable, stable, sustainable

## Challenges:

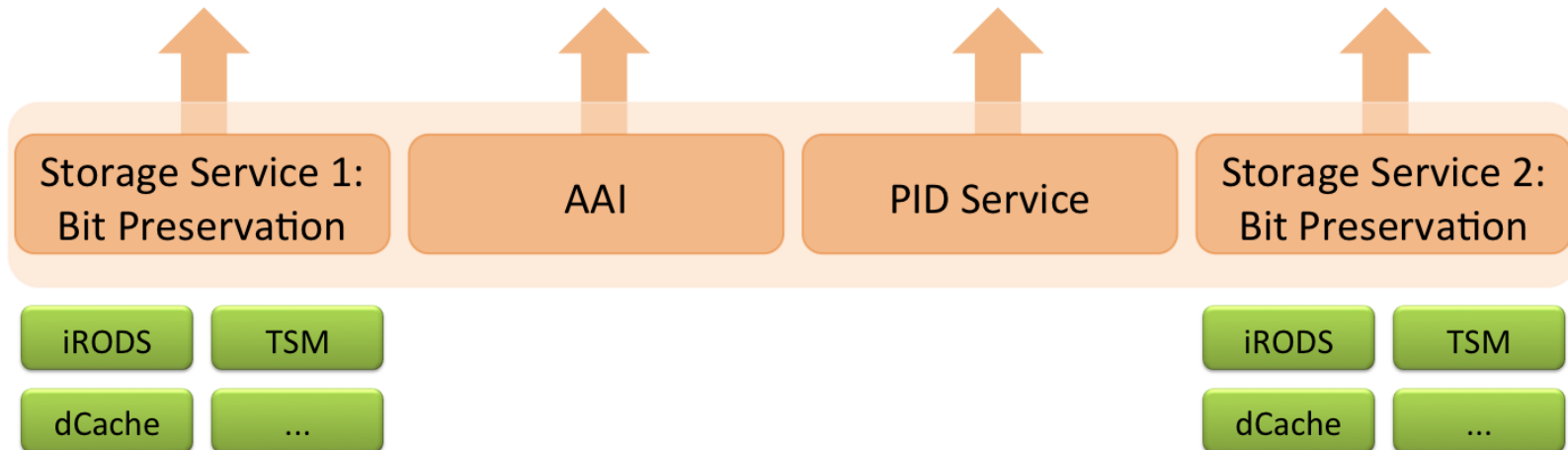
- Federated environment, not static
- Gaps between existing components, no interoperability
- Technology shifts expected, missing components

Required:

→ **Comprehensive framework** to handle Big Data  
 → **Seamless integration** of the components,  
**interoperability**

# Example: Archive Service

## Portal and Web



# Sharing Data: Generic Search

***Data without meta data is useless!***

**Collection Registry:**  
**Schema Registry:**

Registration of data collections  
Description of internal structure

**Access to contents!**

1. Selection of collections:  
Important to solve the research problem
2. Crosswalks:  
Analysis of selected collections and their schemas
3. Facetted search and filter:  
Parametrization

