Data Sharing in DASISH

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The World Before DASISH

1. **Fragmented data providers’ world:**
   - Lacking legal agreements and technological support to share their data and support a single authentication (single sign-on)
   - Lacking clear identification and citation of the data
   - Varied quality of metadata
   - Varied structural and semantic properties,
   - Varied quality of data, and their state of accessibility

2. **Lack of attractive tools for a SSH researcher**
   - No generic workflow models for SSH scientists
   - Lack of work flow adapted eResearch implementations
   - Lack of unified annotation frameworks
DASISH at work in WP5

• Creating a SSH common data space
• Using knowledge created by other Infrastructures

• Improve access to resources and tools through the eResearch paradigm
• Making the whole of SSH community aware of the tools used in each of the sub-communities
The Great Spill-Over

- Trust federation
- PID
- Metadata Quality
- Joint Metadata Domain
- Workflow implementations
- Annotation framework
The Day After DASISH…

1. **SSH Data world:**
   - Legal agreements in place and proposed technology reported for a Trust Federation
   - Available PID services that fulfill the SSH community requirements
   - Improved quality of metadata and assistance channels
   - Metadata harvesting channels ready to feed a common portal

2. **New attractive tools for SSH researchers**
   - Adapted technologies to typical workflows of the generic SSH scientist
   - First version of an annotation framework
A Case in Point: PID Services

Benefits of persistent identification

1. Prevent confusing similar digital objects

2. Make research data citable
EPIC

DataCite

Helping you to find, access, and reuse data

persid
PID: Commonalities and Differences

• All provide unique and persistent identification of digital objects
• All need a ‘resolver’ system as core infrastructure
• Different strategies re. metadata enrichment, branding, monitoring of persistence, governance
Thank you for your attention!