ESIP Federation
Preservation and Stewardship

Use Case Workshop

- ❑ **Identifiers, Citations, best practices for stewardship throughout the data life cycle**
  - Very specific recommendations for things that work today
- ❑ **Provenance and Context Content Standard (PCCS)**
  - What specific artifacts do we need to keep?
  - Who might want to use them? Why?
  - How will they access them?
  - How should 'facts' about data be represented?
- ❑ **Provenance Ontology**
  - Provide standard representations for our facts
  - Interoperability to link our facts in with the rest of the world

❑ Use Cases – Cover complete data life cycle (definition, creation, access, usage, archive), different types of users, instruments, data types, user types, etc.

❑ Go beyond what people are doing today to envision how they might do things in the future – *Brainstorming*

❑ Capture concrete details about scenarios

- Group scenarios into specific categories – labeled hierarchy
- Who are the actors involved?
- What sequence of events govern the usage?
- What terms/vocabulary (can of worms...) can we achieve consensus on?
- ?

❑ Capturing preservation information

- capturing provenance of data production runs.
- capturing provenance of a climate analysis conducted by scientist on workstation.
- capture data product context.

❑ Using preservation information

- provenance for reproducibility
- comparison of production runs from two granules.
- context for reuse in other domains

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