

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?
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- ❑ 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