use cases

Use cases for premis

Let's look at specific data elements already being tracked (in or out of PREMIS) at various institutions:

- Data elements at UNC Chapel Hill
- Data elements at Tufts

What about specific vocabulary being used at various institutions?

The first pass of these came out of the birds of a feather at open repositories 2010

Indexing and reporting across agents and event types

For example, you know that every time Joe calculated checksum, he did it wrong. Give me a report of all of the checksums performed by Joe.

Indexing and reporting across software agent and event types

For example, you know that every time you used a specific PDF creation tool, it made inaccessible PDFs. Give me a report of all of those PDFs created with that tool so that I can regenerate them.

User desires reassurance that preservation activities took place

For example, a reporter, an investigator, or potential colleague wants to see whether or not preservation activities took place. One example is with controversial science: can journalists or investigators verified that the paper or data set are correctly preserved?

Judicial audit by subpoena or academic integrity boards

For example, a scientific report is being called into question. Can officials verify the authenticity of the paper or data set?

Verification of processes for aggregate objects

In the Brave New World, our repositories are going to be composed of aggregate objects which exist in multiple repositories controlled by multiple repository managers. Can we verify a minimum step of preservation steps that were taken across all of the repositories needed to comprise a single object?

Reporting to funders

We need to prove our worth to funders in the interoperable and melded world. What actions can we show we in particular took on aggregate objects.