The Gold (AU)DRIPSS Framework:

Factors for a Maturing Digital Preservation Strategy

#r3a

National Digital Stewardship Alliance

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The views expressed in this paper are those of the authors and do not necessarily reflect the official views of the Federal Reserve Bank of Kansas City or the Federal Reserve System.

Why?

Gold (AU)DRIPSS Framework

kcFED

Gold (AU)DRIPSS

- Accessibility
- Usability
- Discoverability
- Reproducibility
- Interoperability
- Preservability
- Scalability
- Sustainability

Gold (AU)DRIPSS

- **Accessibility:** The ability of all users, including persons with disabilities, to use the digital object
- Usability
- Discoverability
- Reproducibility
- Interoperability
- Preservability
- Scalability
- Sustainability

Gold (AU)DRIPSS

- Accessibility
- **Usability:** The ability to access and tailor information to users' needs
- Discoverability
- Reproducibility
- Interoperability
- Preservability
- Scalability
- Sustainability

Gold (AU)DRIPSS

- Accessibility
- Usability
- **Discoverability: The ability to find and retrieve information**
- Reproducibility
- Interoperability
- Preservability
- Scalability
- Sustainability

Gold (AU)DRIPSS

- Accessibility
- Usability
- Discoverability
- **Reproducibility: The ability to reproduce the key results of a research product or to support extensions and reanalyses**
- Interoperability
- Preservability
- Scalability
- Sustainability

Gold (AU)DRIPSS

- Accessibility
- Usability
- Discoverability
- Reproducibility
- **Interoperability:** A measure of the degree to which diverse systems, organizations, and/or individuals are able to work together to achieve a common goal
- Preservability
- Scalability
- Sustainability

Gold (AU)DRIPSS

- Accessibility
- Usability
- Discoverability
- Reproducibility
- Interoperability
- **Preservability:** The maintenance of a continuing and uncorrupted copy of a digital object, which guarantees the public faith or truthfulness of the digital object itself
- Scalability
- Sustainability

Gold (AU)DRIPSS

- Accessibility
- Usability
- Discoverability
- Reproducibility
- Interoperability
- Preservability
- **Scalability:** The ability to accommodate an increasing number of digital objects and to process growing volumes of work gracefully
- Sustainability

Gold (AU)DRIPSS

- Accessibility
- Usability
- Discoverability
- Reproducibility
- Interoperability
- Preservability
- Scalability
- **Sustainability:** The ability to maintain a process or object at a desirable level of utility and continue a project's goals, principles, and efforts to achieve desired outcomes

Gold (AU)DRIPSS

- Accessibility
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- Scalability
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Examples of Balancing Priorities

Research Code

Primary Concern

- Preservable

Secondary Concern

- Usable

More Product Less Process (MPLP)

Primary Concern

- Scalable

Secondary Concern

- Discoverable

Example of Differing Perspectives

Within Principle Example

- Same Stakeholder Group
- Interoperable
  - Systems?
  - Schemas?
- Different Stakeholder Group
- Accessibility
  - Researchers:
  - Preservationists

Rebalancing

Why rebalance?

- Writing into project plan
- Changed your priorities
- Did not work out as intended

At Risk Items

Primary Concern

- Preservation

Secondary Concern

- Discovery

More Product Less Process

Primary Concerns

- Scalable
- Sustainable

Secondary Concerns

- Discoverable
- Usable

Why use?

- Consistent definitions for stakeholders
- Model for decision making
- No right answer. Context and situation matters.
- Framework for explaining why

Questions