Preservation Planning with Plato

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Preservation Planning

Why Preservation Planning?

- Several preservation strategies developed
  - For each strategy: several tools available
    - For each tool: several parameter settings available
- How do you know which one is most suitable?
- What are the needs of your users? Now? In the future?
- Which aspects of an object do you want to preserve?
- What are the requirements?
- How to prove in 10, 20, 50, 100 years, that the decision was correct / acceptable at the time it was made?
Preservation Planning

Preservation Planning in Plato

Define requirements
- Define basis
- Choose records
- Identify requirements

Evaluate alternatives
- Go/No Go
- Develop experiment
- Run experiment
- Evaluate experiment

Consider results
- Analyse results
- Set importance factors
- Transform measured values

Preservation Action Recommendation

Build preservation plan
- Create executable preservation plan
- Define preservation plan
- Validate preservation plan

Preservation Plan

Administration
- Proposals
- Recommendations
- Inventory reports
- Performance info
- Consumer comments

Knowledge base
- Develop Preservation Strategies and Standards
- Technology alerts
- External data standards
- Prototype results
- Reports

Monitor Designated Community
- Reports
- Requirement alerts
- Emerging standards

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Preservation Planning with Plato

Plato

- Assists in analyzing the collection
  - Profiling, analysis of sample objects via Pronom and other services
- Allows creation of objective tree
  - Within application or via import of mindmaps
- Allows the selection of Preservation action tools
Preservation Planning with Plato

Plato

- Runs experiments and documents results
- Allows definition of transformation rules, weightings
- Performs evaluation, sensitivity analysis,
- Provides recommendation (ranks solutions)
Thank you!

http://www.ifs.tuwien.ac.at/dp