Discussion of the Scope & Objectives for the Hydra Digital Preservation Interest Group.

Purpose: To proceed the discussion of the Scope & Objectives for the Hydra Digital Preservation Interest Group started at the April skype conference call

So please insert your comments, suggestions etc

Notation:

Q: Question from Scope & Objectives
PA: Proposal for answer
C: Comment

Scope & Objectives:

Q: Is digital preservation and object durability a compelling Hydra functionality, and something we want to invest in?

- PA: It is not important that Hydra core support Digital Preservation
- PA: It is important that Hydra partners can make use of Hydra components in their Digital Preservation workflows.
- PA: It is important that Hydra can interface smoothly to existing tools and application from Digital Preservation communities such as
  - Characterization / validation tools
  - Migration / Normalization tools
  - Tools for preservation planning
    - Risk management
  - Emulation tools
  - Long term preservation (bit preservation and functional preservation)
    - Active management of preserved master preservation objects
  - Audit functionality
- PA: It is important that the Hydra system in a flexible way can handle and update metadata
  - Batch update
  - Update from crowd sourcing
  - Crowd curation

Q: Does the Hydra architecture, and push towards gemification, offer the potential to plug in OPF or other preservation tools and utilities as standard, modular components?

- PA: Yes it is possible to add potential plug in preservation tools from other communities. Simplicity in adapters (Gems) is a good selling point.

Q: How can the answers to the above inform Fedora 4 development, and how Hydra leverages and influences its direction?

- PA: Be an active part of the Fedora 4 working groups.

Q: Specifically, might OPF Hackathons provide fertile ground for finding Hydra adopters in Europe? Might Hydra events in the US provide a channel for airing and use of OPF digital preservation tools and utilities?

- PA: It is always important to use your network, such as OPF, to promote knowledge of the Hydra functionality
- PA: It is important that some of the Hydra partners are active in the Digital Preservation communities

Q: More generally, do synergies with OPF suggest that for the next phase of Hydra development the project would be well served by trying to cultivate alliances or sister-organizations / projects? If so, which organizations, and what form might those alliances take?