Introductions / Attendees:

Steven Anderson -- Interested in moving to LDP & Linked Data.
Trey Terrell -- Oregon Digital. Hydra runs all linked data
Corey Harper-- Interested, particularly SOLR &
Arwen Hutt -- Metadata Focus. Everyone encouraged her to stay on
Aaron Coburn -- DOing stuff with linked data, need to know how to do it
Andrew Woods -- LDP for Fedora. Also interested in PCDM
Rob Anderson -- Linked Data & Standards. Member of W3C LDP Group

Is this about LDP or linked data in general?

What do we mean by LDP? The spec?

• Is this about using Linked Data in Hydra?
• Other names? Applied Linked Data? Linked Data Apps
• People liked Applied LD. Need to run by Karen E

Linked Data Fragments Report-out

• Triple Pattern Fragments as basic subset
• Matching Triples for S-P-O
• Keyword search
• LDF Client, can run query against interface & do sparql filters client side
• Explicit ranking of results to a matched keyword to allow for aggregation of linked data results
• Next steps of building a Ruby interface for this (potentially in projecthydra-labs)
• LDP Paging in header spec vs. LDF having a "next page" in the data
• Rob's point that this break's the distinction between the data & metadata
• From practical point of view, we'd need to determine which paging spec to adopt
• Because we're already using LDP, it makes sense to do paging in the LDP way.
  • Though arguably, LDP & LDF serve different potential purposes. Restful Repo vs. query UI [RS: +1 to this distinction if the two can be kept separate]

Solr

• Getting not only the primary label for faceting but also having the alt label available for searching and such,
• Idea of linked data as a discovery tool as well as display
• Talk of using a messaging system when once your label is updated in your Linked Data interface, it runs a background job to update all of the objects in the system.
• No atomic updates in SOLR, so you need to reindex the whole object. That's the bottleneck.

Questions of persistence.

• Storing a local mirror; local proxies with local URIs owl:sameAs’d to the source
• But you don't necessarily want to "own" triples that you don't really have ownership for
• This is potentially a preservation question
• Cache triple with subject id.loc and cache label from id.loc autocomplete api. Keep cached predicate for fall-back
• Out of scope

How to do this solr stuff:

• Faceting & cross references
• LDF that caches?
• Builds on Oregon Digital or Linked Vocabs?
• Sidecar triplestore; Oregon’s use MongoDB, hoping to move to Marmota
• Aaron recommends Stanbol

• Trey asks how it works:
  • Takes rdf
  • indexes internally in Jena
  • Those triples are indexed in "SOLR Yards"
  • Get back JSON-LD