Samvera Connect 2017 SMIG Meeting

Thursday, November 9, 3:10-4:30pm Central, Grand Parlour - B, Orrington Hotel

Facilitator: Ruth K Tillman and Julie Hardesty
Notetaker: Julie Hardesty

Attendees:
- Julie Hardesty
- Ruth Tillman
- Linda Ballinger
- Chrissy Rissmeyer
- Ryan Johnson
- Jen Young
- Tom Johnson
- James Griffin III

Community Notes: https://docs.google.com/document/d/1U7L2VLmZF_ljTSOg-Q1MVTu76dcibZqp2NWnI5w/edit?usp=sharing

- SMIG Scope and Objectives updated
- No objections or suggestions
- Working Group/Subgroup Reports for year
  - Samvera Applied Linked Data Working Group
    - Split off from SMIG this year
  - URI Management Working Group
    - Made recommendations for vocab manager and predicate decision tree
  - URI Selection Working Group
    - Currently working to define selection
  - MODS and RDF Descriptive Metadata Subgroup
    - Trying to finish documentation and figure out how to present this information for use and to get feedback from community - hopefully by ALA Midwinter

- Valkyrie & Metadata Presentation
  - James R. Griffin III (Princeton)
  - http://slides.com/jrgriffiniii/deck-3
  - Hyrax 3
  - Valkyrie is a gem from Data Mapper WG (based on software design pattern, the Data Mapper Pattern)
  - Backends supported with Valkyrie - Fedora 4, PostgreSQL, Apache Solr, Disk
    - Separates Persistence from discovery backends
    - Princeton using Postgres
    - Hyrax 3, Princeton University Library, and Penn State Libraries using Valkyrie
    - Hyrax 3 using Fedora for storage but Valkyrie will be there
    - Valkyrie doesn’t care about structure of resource in repository (no collection, fileset, work, etc concepts); resources can also be a term in a vocabulary; more like RDF classes
    - Resources have properties but these properties are not in RDF
    - Decorators and presenters also part of this (didn’t quite understand)
  - Valkyrie properties are loosely typed and has no opinion regarding RDF
  - Figgy (Princeton)
    - 40,000 works already ingested - moving quickly
    - Resources can be exposed as JSON, showing JSON-LD with namespaces declared and prefixes used to identify predicates for fields; JSON serialization can be used outside of Figgy within Princeton environment overall
    - IIIF manifests can also be generated (JSON serialization for this as well)
  - Hyrax 3
    - Active development right now
    - Services exist to export graphs from Solr
      - Can take ID’s and transform into URI’s
      - Take something from Hyrax, into Solr, and then turn that into linked data
            - Linked_data_attributes_indexer.rb - place in code base where most active dev work happening; early stages right now - https://github.com/samvera/hyrax/blob/valkyrie/app/indexers/hyrax/linked_data_attributes_indexer.rb
            - Julie Allinson and Justin Coyne working on this already
  - Questions
    - Why is work going through Solr?
      - May be mostly due to performance concerns
      - This is a Solr sidecar approach (another way to think about it)
      - Adam Wead’s Solr discovery about turning off auto-suggest seems to have helped (possibly fixed) the Fedora 4 performance problems that have been seen on ingest
    - Princeton off of Hyrax for forseeable future but interested in helping out where possible; would like to see more developers participating that way
  - Issues/Questions
    - Would be great to work towards version schemas; make our software better able to handle changes to metadata schemas; naming schemas separate from software releases
  - Topics/Plan for next year
    - Documenting MAPs
      - Documentation Project on wiki - assembling things together here but would like this to be more intentional; share in Hyrax Developer Knowledge Base?
      - Also DLF AIG MAP Clearinghouse Project? Have to upload to this so would require maintaining in multiple places if we use both Hyrax Dev KB and this
• Versioning available here, agnostic, reaches beyond our community
  ▪ Versioned metadata profiles that can come out with each software release, versioning that way as well is a possibility; can possibly ask DCE to contract for this work
  ▪ UCSD/UCSB working on something now - want more than just another spreadsheet; want to produce something that can be used; store in GitHub so versioning that way
    ▪ Developers recommending ways to format that MAP so it’s not something metadata folks create and give to developers to do something with, more immediately usable
• Meeting frequency
• Demo suggestions
  ▪ Penn State MAP generation
  ▪ MODS and RDF recommendations
  ▪ Lynette to demo QA again
  ▪ Documentation project - demo from Tom at DCE?
• Topic suggestions
  ▪ What is confusing to you or was confusing when you started with the Samvera Community?
    ▪ How is Samvera using RDF?
    ▪ Skolomization - using blank nodes (in Fedora 4)