

Use Cases - Next Steps for Implementation

Per discussion at meeting 2014-06-24. See [LD4L Use Cases](#) for full set of use cases.

Use case	Documents	institutions planning to work on this use case (#local-priority)	Who	Notes
Use Case 1.1: Build a virtual collection	Planning	Cornell (#1)	Lynette, Simeon	Lynette started Open Annotations in Hydra. Locally we think of replacing CuLLR as a key application of this use case.
	Description			
	Requirements	Harvard	(Michael Vandermillen as advisor)	Library Cloud via localized Omeka
Use Case 1.2: Tag scholarly information resources to support reuse	UI Mockup	Stanford		
	Triples			
	Queries			
Use Case 2.1: See and search on works by people to discover more works, and better understand people	Planning	Cornell (#2)	Lynette	Locally this is the case of tagging many items for inclusion in CuLLR and to appear as a facet on the main D&A system (Such as "Entomology collection"). Interface must support selection of large numbers of items by criteria such as LCSH heading, in addition to selection of individual items
	Description			
	Requirements	Stanford		
Use Case 2.1: See and search on works by people to discover more works, and better understand people	UI Mockup	Cornell		
	Triples			
		Harvard	yes	FacultyFinder (incomplete)?
Use Case 3.1: Search with Geographic Data for Record Enrichment and Pivoting		Stanford	yes	CAP, local authority for SearchWork
		Cornell	has code to share	Climate Change; has semantic search for synonym expansions, etc.
		Harvard		Paolo dbpedia place stuff
Use Case 3.1: Search with Geographic Data for Record Enrichment and Pivoting		Stanford	yes	Geo, Darren W. has examples of architecture of ontology triples with API ...
Use Case 3.2: Search with Subject Data for Record Enrichment and Pivoting				
Use Case 3.3: Search with Person Data for Record Enrichment and Pivoting				
Use Case 3.4: Authority tool for more accurate data entry				
Use Case 4.1: Identifying related works			defer for now?	Exactly which data? (should we narrow our data first) exactly which sort of queries? Canned examples vs. ad hoc queries.
		Cornell		could take it on now, but won't be first priority among use cases. Start with "one step away" cases before taking on deeper cases.
		Stanford		Darren W.: implementation to try to look at this – it takes weeks or months to run code against data to pull out interesting stuff???

Use Case 4.2: Leverage the deeper graph to surface more relevant works			(see 4.1)	
Use Case 5.1: Research guided by community usage		Cornell		Demo: would like Solr index with appropriate fields from all three institutions. Could do as harvested data from 3 institutions that Paul (Harvard) builds Stack Life on it??? Cornell and Stanford give Harvard ?? BibFrame ?? Other triples??
		Harvard		Would need to refactor Stack Life code to populate Solr from linked data; it's currently populated from bib data with stack score.
		Stanford		
Use Case 5.2: Be guided in collection building by usage		Harvard		they have Haystack - which has classification data (bib data via subject). uses API of LLC classifications.
Use Case 6.1: Cross-site search				NEED WORK TO REFINE /AGREE EVEN BASICS OF USE CASE

Essential shared plumbing

Shared infrastructure task	Institutions	Who	Notes
Local MARC->BibFrame conversion	Cornell	Rebecca	
	Stanford		Already done? Updates?
	Harvard		
Share BibFrame data with partners	Cornell		
	Stanford		
	Harvard		
Conversion of BibFrame->LD4L	Cornell	Rebecca	
	Stanford		
	Harvard		

History of Documents

Status	Space	Date Created	Document	Brief Description	Participants
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Active	Planning	Aug 26, 2014	LD4L Bibliographic Data Conversion and Discovery of / Linking to Linked Open Data	This is a planning document for the LD4L conversion of bibliographic data to linked open data (LOD), including a breakdown of individual tasks, assignments to institutions and/or individuals, indications of whether each task is primarily an ontology or engineering task, open questions and issues, notes on progress and dependencies, etc.	Rebecca Younes, and others
Active	PUBLIC	Jun 24, 2014 (actively edited)	Use Cases - Next Steps for Implementation (plus many sub-pages)	Summary of the active work and planning for the Use Cases. Several summary tables. 1) Summary of use cases including name, link to design and implementation docs, which institutions and which individuals are planning to work on each, and notes; 2) Essential plumbings (aka shared infrastructure), 3) History of Documents	Naomi Dushay , Simeon Warner , Lynette Rayle , Rebecca Younes
Official External Doc of Use Cases	PUBLIC	Jun 24, 2014	LD4L Use Cases (plus many sub-pages)	Summary of each Use Case with links to details for each Use Case. Document created based on June 2014 Stanford Meeting.	Simeon Warner
Active	PUBLIC	Aug 18, 2014	Use cases from beyond LD4L	A place to describe Use Cases that are relevant to LD4L but go beyond the current scope. See also Template for a new use case .	Jon Corson-Rikert
?	Planning	Jun 23, 2014	2014-06-23UseCasesSharedEditingVersion.docx (docx)	Word Doc describing each of the 6 Use Cases selected at the Stanford meeting. Includes discussion, questions, who will do what, and potential demonstrations.	Simeon Warner, Rob Sanders, David Weinberger, Tom Cramer, Rebecca Younes, and possibly others
Historical	PUBLIC	Jun 17, 2014	LD4L Use Cases - Version 2 -- 9 Use Cases across 5 Clusters	List of Use Cases by cluster including brief description, questions, discussion, potential demonstrations, and implementation notes for each Use Case.	Tom Cramer , Paul Deschner , Dean B. Krafft , Simeon Warner
Historical	PUBLIC	Created: Feb 6, 2014 Last Active Edit: Jun 17, 2014	LD4L Use Cases - Version 1 -- 42 Use Cases across 5 Clusters	Full list of the initial 42 Use Cases. Two tables: 1) organization of use cases into clusters, 2) use case summary including As a..., I want to..., In order to...	Jon Corson-Rikert , Tom Cramer , Dean B. Krafft , Brian J Lowe , Rob Sanderson , Simeon Warner , David Weinberger
?	Planning	Jun 27, 2014	Use Case Distillation Call - June 4, 2014	Notes and Action Items from the discussion on the Use Case Distillation Call	Tom Cramer

Historical	PUBLIC	Jun 4, 2014	LD4L Use Cases - Low Fat	Short document exploring what makes a good use case and the goals of use cases.	Rob Sanderson
Historical	PUBLIC	April 23, 2014	Use Cases Part 2	User "stories" view of the use cases.	Naomi Dushay
Historical	Planning	Created: Jan 30, 2014 Last Active Edit: Feb 6, 2014	(Obsolete) Use cases	Explores Use Cases by stating As a..., I want to..., Satisfied when...	Jon Corson-Rikert , David Weinberger , Tom Cramer , Dean B. Krafft