LD4L Use Cases

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Archived

LD4L 2014, which was the Linked Data for Libraries original grant running from 2014-2016, has been completed. This page is part of the archive for that grant.

These use cases are work in progress...

The work of LD4L is heavily informed by use cases. If Linked Data is going to be "fit for purpose" and deliver value in a library context, its essential to know the users, uses and hoped for benefits for leveraging linked data.

Building on and distilled from the preliminary use cases and a revised subset , this page represents a further refined set of use cases to guide the ontology and engineering work for the project. The use cases divide into six "clusters" reflecting the data available to research institutions and libraries, and the core LD4L mission of leveraging the intellectual input of librarians, domain experts and scholars as they produce, curate and use scholarly information resources.

Related Work in Use Cases from LD4L

- Historical Use Case Documents - A library of use case generation and refinement pages for LD4L
- Use cases from beyond LD4L - Potential use cases that may follow from LD4L work, but currently out of scope
- Use Cases - Next Steps for Implementation - Describes engineering work on LD4L use cases.

Other LD Use Case Resources

- See the BIBFRAME Use Cases: http://bibframe.org/documentation/bibframe-usecases/
- See W3C Library Linked Data Incubator Group: Use Cases: http://www.w3.org/2005/Incubator/lld/XGR-lld-usecase-20111025/
  and final report: http://www.w3.org/2005/Incubator/lld/XGR-lld-20111025/
- See Phil John's preso on LD in the British Library's Resource Discovery Solution: http://www.slideshare.net/philjohn/linked-library-data-in-the-wild-8593328
- See Statbiblioteket / Graphity Danish Newspaper project: [App | Video]
- See blog post about Oslo Public Library linked data cataloging project

Cluster 1: Bibliographic + curation data

Use Case 1.1: Build a virtual collection

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Use Case 1.2: Tag scholarly information resources to support reuse

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No link could be created for 'Use Case 1.2: Tag scholarly information resources to support reuse'.

Cluster 2: Bibliographic + person data

Use Case 2.1: See and search on works by people to discover more works, and better understand people

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Cluster 3: Leveraging external data including authorities

Use Case 3.1: Search with Geographic Data for Record Enrichment and Pivoting

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Use Case 3.2: Search with Subject Data for Record Enrichment and Pivoting

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Use Case 3.3: Search with Person Data for Record Enrichment and Pivoting

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No link could be created for 'Use Case 3.3: Search with Person Data for Record Enrichment and Pivoting'.

Use Case 3.4: Authority tool for more accurate data entry

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No link could be created for 'Use Case 3.4: Authority tool for more accurate data entry'.

Cluster 4: Leveraging the deeper graph (via queries or patterns)

Use Case 4.1: Identifying related works

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Use Case 4.2: Leverage the deeper graph to surface more relevant works

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No link could be created for 'Use Case 4.2: Leverage the deeper graph to surface more relevant works'.

Cluster 5: Leveraging usage data

Use Case 5.1: Research guided by community usage

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Use Case 5.2: Be guided in collection building by usage

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No link could be created for 'Use Case 5.2: Be guided in collection building by usage'.

Cluster 6: Three-site services

Use Case 6.1: Cross-site search

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