



Linked Data for Cultural Heritage

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Description

Linked data is now essential for sharing collections on the open web. *Linked Data for Cultural Heritage* gathers a stellar list of contributors to help readers understand linked data concepts by examining practice and projects based in libraries, archives, and museums.

Linked open data remains very much a work in progress, and much of the progress has taken place within the domain of the cultural heritage institutions: libraries, archives, and museums. There is no question that the structure of linked data, and the machine inferencing it supports, shows great promise for discoverability. What will be the 'killer app' that breaks linked open data out to the wider world and accelerates its uptake? Perhaps it will be a project described in this volume.

Content covered includes:

- a very simple description of linked data, summing up its promises and challenges
- a survey of the use of linked data in significant projects across the cultural heritage domain, including Europeana and the Digital Public Library of America (DPLA)
- practical discussion of migrating a catalogue from a MARC environment to one of linked data and the possibilities that open up in terms of the broader scholarly community
- reviewing and reimagining library thesauri, metadata schemas, and information discovery, to look at how controlled vocabularies integrate library practice with linked data
- an examination of the role of authority control, identifiers and vocabularies, including use of the Web Ontology Language (OWL) and the SPARQL query language
- Carol Jean Godby describes OCLC's experiments with Schema.org as the foundation for a model of library resource description expressed as linked data
- the development of the Bibliographic Framework Initiative (BIBFRAME) data model and a description of the fundamental differences between MARC and BIBFRAME.

This survey of the cultural heritage linked data landscape will be a key resource for metadata practitioners and researchers within all cultural heritage contexts and all

students and academics within the information science and digital humanities fields.

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Author

Ed Jones has been cataloguing serials, on and off, since 1976, and over the years has authored several scholarly papers and made numerous presentations on serials cataloguing, the FRBR and FRAD conceptual models, and RDA. He has been a member of the CONSER Operations Committee, on and off, since 1981, and recently served as an RDA advisor. In 1995, he received his doctorate in library and information science from the University of Illinois at Urbana–Champaign. He is currently associate director for assessment and technical services at National University in San Diego. Michele Seikel is Professor of Digital Resources and Discovery Services at Oklahoma State University