



Bibliographic Information Organization in the Semantic Web (Chandos Information Professional Series)

By Mirna Willer, Gordon Dunsire

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New technologies will underpin the future generation of library catalogues. To facilitate their role providing information, serving users, and fulfilling their mission as cultural heritage and memory institutions, libraries must take a technological leap; their standards and services must be transformed to those of the Semantic Web. Bibliographic Information Organization in the Semantic Web explores the technologies that may power future library catalogues, and argues the necessity of such a leap. The text introduces international bibliographic standards and models, and fundamental concepts in their representation in the context of the Semantic Web. Subsequent chapters cover bibliographic information organization, linked open data, methodologies for publishing library metadata, discussion of the wider environment (museum, archival and publishing communities) and users, followed by a conclusion.

- The product of over thirty years' experience and in-depth understanding of bibliographic metadata
- Takes both a bottom up and top down approach: from basic standards and case studies to Semantic Web tools and services; and from abstract models and generic guidelines to applications
- Tells an insiders' story of the experience developing tools for the transition of library systems, metadata, and its utility, into the new milieu

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Editorial Review

Review

"...introduces a complex subject in an accessible format by focusing on one specific area and emphasising its continuity with traditional bibliographic practices...The insights provided...are both valuable and interesting."--*Online Information Review, Vol 38, No. 6, 2014*

About the Author

Mirna Willer is Professor at the Department of Information Sciences at the University of Zadar. Her teaching and research interests include the theory and practice of information organization, cataloguing rules, and metadata and identifiers. From 1980 to 2007 Mirna was systems librarian, and senior researcher at the National and University Library in Zagreb. She was a member of the IFLA Working Group on FRANAR, and since 2011 chair of the ISBD Review Group. Mirna has published widely in the field, including UNIMARC in Theory and Practice, and translated The Intellectual Foundation of Information Organization by Elaine Svenonius.

Gordon Dunsire is an independent consultant. Previously, he was Deputy Director (2002-2009) and Head (2009-2010) of the Centre for Digital Library Research, at the University of Strathclyde. Gordon's current research activity is focused on the Semantic Web and includes representation of metadata content and structure standards, development of application building blocks and development of alignment and mapping methodologies. Gordon publishes widely in the field and is a member or chair of a number of professional affiliations, including CILIP Dewey Decimal Classification Committee, DCMI Advisory Board, IFLA Classification and Indexing Section, and IFLA ISBD Review Group.

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