

ARTICLE  
EXCERPTED  
FROM:

# ISQ

## INFORMATION STANDARDS QUARTERLY

WINTER 2011 | VOL 23 | ISSUE 1 | ISSN 1041-0031

SPECIAL EDITION: YEAR IN REVIEW AND STATE OF THE STANDARDS

SUSHI IMPLEMENTATION:  
THE CLIENT AND SERVER  
EXPERIENCES

DEDICATED TO  
STANDARDS

EXTENDING AND  
PROMOTING THE USE  
OF OPENURL

ESTABLISHING SUGGESTED  
PRACTICES REGARDING  
SINGLE SIGN-ON



[SPECIAL EDITION]

# STATE OF THE STANDARDS

JANUARY 31, 2011

This comprehensive report on NISO's standards and initiatives appears in the first issue of the year of *ISQ* to keep you informed of the scope and status of NISO's program on an annual basis. If you have questions about any of the standards or development programs, contact the NISO office by phone (301-654-2512), via email (nisoHQ@niso.org), or visit the Standards section of the NISO website ([www.niso.org/standards](http://www.niso.org/standards)).

## In Development

Listed below are the NISO working groups that are currently developing new or revised standards, recommended practices, or reports. Refer to the NISO website ([www.niso.org/workrooms/](http://www.niso.org/workrooms/)) and *Newslines* ([www.niso.org/publications/newslines/](http://www.niso.org/publications/newslines/)) for updates on the working group activities. DSFTU stands for Draft Standard for Trial Use.

Note: DSFTU stands for Draft Standard for Trial Use.

WORKING GROUP	STATUS
<b>DAISY Revision</b> Co-chairs: Markus Gylling, George Kerscher	<b>Z39.86-201x, Specifications for the Digital Talking Book</b> Standard revision in development. <i>Part A, Authoring and Interchange Framework</i> , issued for public comment.
<b>ERM Data Standards &amp; Best Practices Review</b> Co-chairs: Ivy Anderson, Tim Jewell	Technical Report in development. Expected to be published June 2011.
<b>Establishing Suggested Practices Regarding Single Sign-On (ESPreSSO)</b> Co-chairs: Steve Carmody, Harry Kaplanian	Recommended Practice in development. Draft is expected to be made available for public comment in spring 2011.
<b>Institutional Identifiers (I<sup>2</sup>)</b> Co-chairs: Grace Agnew, Oliver Pesch	<b>Z39.94-201x, Institutional Identifiers</b> Standard in development.
<b>Improving OpenURLs Through Analytics (IOTA)</b> Chair: Adam Chandler	Technical Report in development.
<b>Knowledge Base and Related Tools (KBART) Phase II</b> <i>Joint project with UKSG</i> Co-chairs: Andreas Biedenbach, Sarah Pearson	<b>NISO RP-9-2010, KBART: Knowledge Bases and Related Tools</b> Phase I Recommended Practice issued January 2010. Phase II Recommended Practice in development.

CONTINUED »

## IN DEVELOPMENT CONTINUED »

WORKING GROUP	STATUS
<b>Physical Delivery of Library Materials</b> Co-chairs: Valerie Horton, Diana Sachs-Silveira	Recommended Practice in development.
<b>Presentation and Identification of E-Journals (PIE-J)</b> Co-chairs: Bob Boissy, Cindy Hepfer	Recommended Practice in development.
<b>RFID for Library Applications Revision</b> Co-chairs: Vinod Chachra, Paul Sevcik	<b>NISO RP-6-201x, RFID in U.S. Libraries</b> Revision in development. Draft for public comment expected in spring 2011.
<b>Standardized Markup for Journal Articles</b> Co-chairs: Jeff Beck, B. Tommie Usdin	<b>Z39.96-201x, Standardized Markup for Journal Articles</b> Standard in development. DSFTU expected in spring 2011.
<b>Supplemental Journal Article Materials</b> <i>Joint project with NFAIS</i> Co-chairs Business Working Group: Linda Beebe, Marie McVeigh Co-chairs Technical Working Group: Dave Martinsen, Alexander (Sasha) Schwarzman	Recommended Practice in Development.

## In Revision

The following are published and approved NISO standards or recommended practices that are in the process of being revised.

DESIGNATION	TITLE
ANSI/NISO Z39.86 - 201x	<b>Specifications for the Digital Talking Book</b>
NISO RP-6-201x	<b>RFID in U.S. Libraries</b>

## Five Year Review

The following published and approved NISO standards will begin the five-year review process in 2011. Voting pools for these standards will open shortly; if fifteen percent (15%) or more of the membership joins the Voting Pool and balance requirements are met, reviews will be conducted in order to provide a recommendation for action to accompany the review ballots in November 2011. If less than 15% of the membership joins the Voting Pool, the Board may initiate procedures for an administrative withdrawal. See Section 7.5 of the NISO Procedures for more information ([www.niso.org/about/documents](http://www.niso.org/about/documents)).

DESIGNATION	TITLE
ANSI/NISO Z39.93-2007	<b>The Standardized Usage Statistics Harvesting Initiative (SUSHI) Protocol</b>
ANSI/NISO Z39.85-2007	<b>The Dublin Core Metadata Element Set</b>

## Published and Approved NISO Standards

The following NISO standards are approved and published. The notation R, e.g. R2002, indicates that the standard was reaffirmed in the specified year. Free downloadable copies of the standards are available from: [www.niso.org/standards/](http://www.niso.org/standards/)

DESIGNATION	TITLE
ANSI/NISO Z39.2-1994 (R2009)	Information Interchange Format
ANSI/NISO Z39.7 (under continuous maintenance)	Information Services and Use: Metrics and statistics for libraries and information providers – Data Dictionary
ANSI/NISO Z39.9-1992 (R2001)	International Standard Serial Numbering (ISSN)
ANSI/NISO Z39.14-1997 (R2009)	Guidelines for Abstracts
ANSI/NISO Z39.18-2010	Scientific and Technical Reports – Preparation, Presentation and Preservation
ANSI/NISO Z39.19-2010	Guidelines for the Construction, Format, and Management of Monolingual Controlled Vocabularies
ANSI/NISO Z39.20-1999	Criteria for Price Indexes for Print Library Materials
ANSI/NISO Z39.23-1997 (R2009)	Standard Technical Report Number Format and Creation
ANSI/NISO Z39.26-1997 (R2002)	Micropublishing Product Information
ANSI/NISO Z39.29-2005 (R2010)	Bibliographic References
ANSI/NISO Z39.32-1996 (R2002)	Information on Microfiche Headers
ANSI/NISO Z39.41-1997 (R2009)	Printed Information on Spines
ANSI/NISO Z39.43-1993 (R2006)	Standard Address Number (SAN) for the Publishing Industry
ANSI/NISO Z39.47-1993 (R2003)	Extended Latin Alphabet Coded Character Set for Bibliographic Use (ANSEL)
ANSI/NISO Z39.48-1992 (R2009)	Permanence of Paper for Publications and Documents in Libraries and Archives
ANSI/NISO Z39.50-2003 (R2009)	Information Retrieval: Application Service Definition & Protocol Specification
ANSI/NISO Z39.53-2001	Codes for the Representation of Languages for Information Interchange
ANSI/NISO Z39.56-1996 (R2002)	Serial Item and Contribution Identifier (SICI)

CONTINUED »

## PUBLISHED AND APPROVED NISO STANDARDS CONTINUED »

DESIGNATION	TITLE
ANSI/NISO Z39.62-2000	Eye Legible Information on Microfilm Leaders and Trailers and on Containers of Processed Microfilm on Open Reels
ANSI/NISO Z39.64-1989 (R2002)	East Asian Character Code (EACC) for Bibliographic Use
ANSI/NISO Z39.71-2006	Holdings Statements for Bibliographic Items
ANSI/NISO Z39.73-1994 (R2001)	Single-Tier Steel Bracket Library Shelving
ANSI/NISO Z39.74-1996 (R2002)	Guides to Accompany Microform Sets
ANSI/NISO Z39.76-1996 (R2002)	Data Elements for Binding Library Materials
ANSI/NISO Z39.77-2001	Guidelines for Information About Preservation Products
ANSI/NISO Z39.78-2000 (R2006)	Library Binding
ANSI/NISO Z39.79-2001	Environmental Conditions for Exhibiting Library and Archival Materials
ANSI/NISO Z39.82-2001	Title Pages for Conference Publications
ANSI/NISO Z39.83-1 (under continuous maintenance)	NISO Circulation Interchange, Part 1: Protocol (NCIP)
ANSI/NISO Z39.83-2 (under continuous maintenance)	NISO Circulation Interchange Protocol (NCIP), Part 2: Protocol Implementation Profile 1
ANSI/NISO Z39.84-2005 (R2010)	Syntax for the Digital Object Identifier
ANSI/NISO Z39.85-2007	Dublin Core Metadata Element Set
ANSI/NISO Z39.86-2005	Specifications for the Digital Talking Book
ANSI/NISO Z39.87-2006	Data Dictionary - Technical Metadata for Still Images
ANSI/NISO Z39.88-2004 (R2010)	The OpenURL Framework for Context-Sensitive Services
ANSI/NISO Z39.89-2003 (R2009)	The U.S. National Z39.50 Profile for Library Applications
ANSI/NISO Z39.93-2007	The Standardized Usage Statistics Harvesting Initiative (SUSHI) Protocol
ANSI/NISO/ISO 12083-1995 (R2002)	Electronic Manuscript Preparation and Markup U.S. adoption of ISO 12083

## NISO Recommended Practices

NISO Recommended Practices are “best practices” or “guidelines” for methods, materials, or practices in order to give guidance to the user. These documents usually represent a leading edge, exceptional model, or proven industry practice. All elements of Recommended Practices are discretionary and may be used as stated or modified by the user to meet specific needs. Free downloadable copies of these documents are available from: [/www.niso.org/publications/rp/](http://www.niso.org/publications/rp/)

TITLE	DESIGNATION
Framework of Guidance for Building Good Digital Collections 3rd edition, 2007	
Ranking of Authentication and Access Methods Available to the Metasearch Environment	NISO RP-2005-01
Search and Retrieval Results Set Metadata, version 1.0	NISO-RP-2005-02
Search and Retrieval Citation Level Data Elements, version 1.0	NISO RP-2005-03
Best Practices for Designing Web Services in the Library Context	NISO RP-2006-01
NISO Metasearch XML Gateway Implementers Guide, version 1.0	NISO RP-2006-02
RFID in U.S. Libraries	NISO RP-6-2008
SERU: A Shared Electronic Resource Understanding	NISO RP-7-2008
Journal Article Versions (JAV): Recommendations of the NISO/ALPSP JAV Technical Working Group	NISO RP-8-2008
KBART: Knowledge Bases and Related Tools	NISO RP-9-2010
Cost of Resource Exchange (CORE) Protocol	NISO RP-10-2010

## Withdrawn NISO Standards

In accordance with NISO procedures, standards may be withdrawn because they are superseded by a newer standard, a national version is withdrawn in favor of an international equivalent, or the content is deemed to be obsolete. In accordance with ANSI procedure, all American National Standards that are not revised or reaffirmed within ten years following ANSI approval are automatically administratively withdrawn. A list of withdrawn NISO standards is available on the NISO website ([www.niso.org/standards/](http://www.niso.org/standards/)). Copies of these standards are available online or from the NISO office.

## NISO Technical Reports


NISO Technical Reports provide useful information about a particular topic, but do not make specific recommendations about practices to follow. They are thus “descriptive” rather than “prescriptive” in nature. Proposed standards that do not result in consensus are often published as technical reports. Free downloadable copies of these documents are available from: [www.niso.org/publications/tr/](http://www.niso.org/publications/tr/)

TITLE	DESIGNATION
Environmental Guidelines for the Storage of Paper Records by William K. Wilson	NISO TR01-1995
Guidelines for Indexes and Related Information Retrieval Devices by James D. Anderson	NISO TR02-1997
Guidelines for Alphabetical Arrangement of Letters & Sorting of Numerals & Other Symbols by Hans H. Wellisch	NISO TR03-1997
Networked Reference Services: Question / Answer Transaction Protocol	NISO TR04-2006

# ACCESS ISQ

## ISQ GOES OPEN ACCESS IN 2011

NISO is making *Information Standards Quarterly* (ISQ) freely available on the NISO website beginning this issue. Both individual articles and the entire issue will be available for download in PDF format. Print copies will continue to be available by subscription and to members who opt-in.

 For more information on *Information Standards Quarterly*, visit [www.niso.org/publications/isq/](http://www.niso.org/publications/isq/)

