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**SUSHI at Work: Part 1,
Project History and Client
Side Perspective**

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NISO Managing Electronic Collections:
Strategies from Content to User Workshop

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Z39.93: The Standardized Usage Statistics Harvesting Initiative (SUSHI) Protocol

Trial Use Period: September 20, 2006 – May 20, 2007

Abstract: This Standard defines an automated request and response model for the harvesting of electronic resource usage data utilizing a Web services framework that can replace the user-mediated collection of usage data reports. Designed to work with Project COUNTER reports, the protocol is also extensible to other types of usage reports.



Why SUSHI?



Retrieval is the bottle neck
preventing wider use of
COUNTER reports.





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Wiley InterScience Usage Report on Journals for Cornell University (EAL0000027) August 2006

This page provides you with information on what your users are accessing and how on Wiley InterScience. Please consult the [user guide](#) for definitions and technical details. The data is updated monthly and is available in the following formats.

Monthly Reports:

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- [Summary of User Activity](#)
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In addition, the following reports are available in **ascii format** to enable integration your spreadsheets:



Usage for: Journals

[2003] [2004] [2005] [2006]

[1999-2003](#)

[Jan] [Feb] [Mar] [Apr] [May] [Jun] [Jul] [Aug] [Sep] [Oct] [Nov] [Dec]

Journal Report 1: Number of Successful Full-Text Article Requests by Month and Journal for Cornell (EAL0000027) August 2006

Journal Report 1 (R2): Number of Successful Full-Text Article Requests by Month and Journal

	Publisher	Platform	Print ISSN	Online ISSN	Jan-2006	Feb-2006	Mar-2006	Apr-2006	May-2006	Jun-2006	Jul-2006	Aug-2006
Total for all journals	Wiley	Wiley Interscience			8447	8713	10005	9693	9045	8145	7483	827
About Campus	Wiley	Wiley Interscience	1086-4822	1536-0687	0	0	1	1	1	5	22	
Acta Biotechnologica	Wiley	Wiley Interscience	0138-4988	1521-3846	1	1	2	0	1	2	0	
Acta Biotechnologica 1990-2000	Wiley	Wiley Interscience	0138-4988	1521-3846	0	0	0	0	0	0	0	
Acta hydrochimica et hydrobiologica	Wiley	Wiley Interscience	0323-4320	1521-401X	0	1	2	6	1	1	0	
Acta Polymerica	Wiley	Wiley Interscience	0323-7646	1521-4044	0	0	0	1	0	3	0	
Acta Polymerica 1979 - 1997	Wiley	Wiley Interscience	0323-7646	1521-4044	0	0	0	0	0	0	0	
Advanced Engineering		Wiley										

Done



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Analogy to Metasearch (or Google)

- **Librarians prefer the data in a central repository**
- **Adoption of SUSHI will save content providers money in the long term (less demand to build complicated admin stats Web interfaces) and make customers happier in the short term**



Brief History of SUSHI

- *November 2004*: Ted Fons and Adam Chandler meet at the Charleston Conference to discuss the best approach for importing COUNTER stats into the III ERM module.
 - Librarians asking for a tool for storing and managing COUNTER stats, but how to import them efficiently?
 - Excel files are the currency of COUNTER exchange, but there are two problems: format inconsistency and ambiguity about character encoding.
 - The COUNTER XML reports address these two problems, but most librarians don't have XML client tools on their desktops.



Brief History of SUSHI

"In general, simplicity and small interfaces are to be desired in the design of web services. Small and simple interfaces are easier to document, test, maintain, and understand. Small and simple may also prove to be more robust. Length of time to implementation may be reduced if the service interface is small."

- NISO Web Services and Practices Working Group, "Best Practices for Designing Web Services in the Library Context," July 2006.



Brief History of SUSHI

June 2005, ALA Annual Conference in Chicago: Ted Fons and Adam Chandler meet with Tim Jewell (University of Washington) and Oliver Pesch (Ebsco) to discuss concept of building a protocol for exchanging COUNTER reports.

July 2005: Work begins on a protocol. Bill Hoffman (Swets), Ted Koppel (Ex Libris) and Ivy Anderson (CDL, formerly Harvard) are recruited to create a better test bed. (Patricia Brennan, Thomson, joins a couple months later.)



Brief History of SUSHI

October 2005: NISO Standards Development Committee (SDC) recommends making SUSHI a NISO initiative.

November 2005 – Summer 2006:

- Focus on developing and testing SUSHI 0.1. III builds 0.1 into the 2006 production release of the ERM client, testing down with three content providers: Ebsco, Swets, Project Euclid
- NISO and COUNTER sign Memorandum of Understanding; NISO SUSHI will maintain the COUNTER Code of Practice XML schemas



Brief History of SUSHI

- *August – September 2006*: Incorporate lessons from 0.1 experience into SUSHI 1.0
- *September 21, 2006*: SUSHI 1.0 Draft Standard for Trial Use (DSFTU) released



Acknowledgements

SUSHI Committee Members:

- Adam Chandler, co-chair (Cornell University)
- Oliver Pesch, co-chair (Ebsco Information Services)
- Patricia Brennan (Thomson Scientific)
- Ted Fons, (Innovative Interfaces, Inc.)
- Bill Hoffman (Swets Information Services)
- Tim Jewell (University of Washington)
- Ted Koppel (Ex Libris)



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- Matthew Connolly (Cornell University Library)
- Cynthia Hodgson (NISO)
- Curt Kohler (Elsevier)
- Joshua Santelli (Project Euclid)
- Rolf van der Tang (Swets Information Services)
- Dennis Vaux (Innovative Interfaces, Inc.)
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- James Wismer (Thomson Scientific)



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**So who is building
services with Z39.93?**



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Client Side Support for SUSHI: ERM Vendors

- Innovative Interfaces, Inc. (III): 0.1 support built into 2006 release of ERM client; a 1.0 patch will be distributed in the next few months
- Ex Libris: Next version of Verde, expected Q2 2007
- Serials Solutions: SUSHI support will be available in their COUNTERcounter service, which they plan to release at ALA in 2007.
- Endeavor (Meridian): SUSHI support will be included in the Meridian 2.0 release, scheduled for early 2007.



**MPS Technologies and Ex Libris Perform SUSHI Usage Data Transfer
for Yale University Library**

London, UK and Boston, MA
13 July, 2006

MPS Technologies and the Ex Libris™ Group announce a successful transfer of Yale University usage data between their systems using the automated SUSHI protocol. This test has been made in preparation for future integration of ScholarlyStats usage data into Verde®, the Ex Libris ERM system. This will provide Verde libraries with access to a suite of integrated reports combining usage data with other subscription, holdings, and pricing information.



ScholarlyStats and Thomson Scientific announce successful SUSHI test for University of Melbourne

12th June 2006

MPS Technologies and Thomson Scientific have successfully completed the transfer of data between their two systems, using the SUSHI (Standardized Usage Statistics Harvesting Initiative, sponsored by NISO) protocol. This joint initiative came in response to the growing demand for more in-depth usage analysis, as well as the continuing need to ease the time consuming process of managing vendor usage statistics.

The recent test successfully provided the University of Melbourne with usage data for 21 vendors, automatically transferred by MPS Technologies into Thomson Scientific's *Journal Use Reports (JUR)* system using the XML SUSHI protocol. SUSHI allows completely automated request and delivery of usage reports, saving time and resources for the library. The ScholarlyStats usage statistics will be complemented by local publication and citation activity data from the JUR, providing the University of Melbourne with unique, in-depth analyses of how journals are being used at their library.



Outstanding Issues

1. Develop XML schema for the COUNTER Books and Reference Works Code of Practice
2. Administer the Trial Use process
3. Manage librarian expectations (development and adoption take time)
4. Promote SUSHI business case among content providers



Thanks

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