Status of the Standardized Usage Statistics Harvesting Initiative (SUSHI), Z39.93
Adam Chandler
Cornell University Library
NISO Update
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presentation outline
• Oliver’s “what is SUSHI/COUNTER” slides
• Results of May 2008 survey of COUNTER vendors
• Next steps
• Discussion

Why do librarians collect usage statistics?
• Because they must
  – Government and funding bodies may require them
  – Management asks for them
  – Industry associations expect them
• To inform renewal decisions
  – Overall use
  – Cost-per-use
• Support cancellation decisions
• Generally manage e-resources and the tools and programs that support them

Why COUNTER?
• Both librarians and publishers need online usage statistics
  – Librarians to assess, support and plan their collections and infrastructure
  – Publishers to assess journals, pricing models, provide editorial support
• Practical guidelines missing
• COUNTER is collaboration of librarians, publishers and content aggregators
• Goal: credible, compatible, consistent publisher/vendor-generated statistics for the global information community
• Result: COUNTER Codes of practice
SUSHI: What it is and Isn’t

- **What it is:**
  - A web-services model for requesting data
  - Replaces the user’s need to download files from vendor’s website
  - A request for data where the response includes COUNTER data
  - Using COUNTER’s schema

- **What it isn’t:**
  - A model for counting usage statistics
  - A usage consolidation application

COUNTER Codes of Practice

- Definitions of terms used
- Specifications for Usage Reports
  - What they should include
  - What they should look like
  - How and when they should be delivered
- Data processing guidelines
- Auditing
- Compliance

SUSHI: The Exchange

- **Report Request**
  - `<Requester>`
  - `<Customer Reference>`
  - `<Report Definition>`

- **Report Response**
  - `<Requester>`
  - `<Customer Reference>`
  - `<Report Definition>`
  - `<Report as payload>`

SUSHI: Architecture

- The next series of slides graphically show a SUSHI transaction
  - Library’s consolidation client system requests a usage report
  - SUSHI client makes the request
  - SUSHI server processes request
  - SUSHI server prepares COUNTER report
  - SUSHI server “packages” and returns response
  - SUSHI client processes COUNTER report

The Library’s consolidation client and Content Provider’s systems are both connected to the internet.

The SUSHI client is software that runs on the library’s server, usually associated with an ERM system.
The SUSHI server is software that runs on the Content Provider’s server, and has access to the usage data.

When the ERM system wants a COUNTER report, it sends a request to the SUSHI client, which prepares the request.

The SUSHI request is sent to the Content Provider. The request specifies the report and the library the report is for.

The SUSHI server reads the request then processes the usage data.

The SUSHI server creates the requested COUNTER report in XML format.

A response message is prepared according to the SUSHI XML schema.
The COUNTER report (XML) is added to the Response as its payload. The response is sent to the client.

The SUSHI client processes the response and extracts the COUNTER report.

The extracted COUNTER report is passed to the ERM system for further processing.

survey results

- 48 sent successfully in May 2008, 24 responses
- 6 consolidators. (Thomson counts as content provider and consolidator)
- 18 content providers
- survey monkey
  - 10 questions
  - short answer, yes or no, multiple choice
  - list of contacts from Peter Shepherd, Director of COUNTER

consolidators

<table>
<thead>
<tr>
<th>name</th>
<th>SUSHI 1.5 (Z39.93)?</th>
<th>product</th>
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<tbody>
<tr>
<td>Ex Libris</td>
<td>Planned Q4 - 2008</td>
<td>ERM</td>
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<tr>
<td>Innovative Interfaces, Inc.</td>
<td>In production with 0.1 and 1.0 today. Support for 1.5 planned Q3 2008</td>
<td>ERM</td>
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<td>MPS Technologies Ltd</td>
<td>In production with 0.1 and 1.0 today. Support for 1.5 planned Q3 2008</td>
<td>ScholarlyStats</td>
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<td>Serials Solutions</td>
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<td>COUNTER 360</td>
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<td>Scholarly-IQ</td>
<td>Planned Q4 - 2008</td>
<td>Optimal IQ product</td>
</tr>
<tr>
<td>Thomson Reuters</td>
<td>Planned 2009</td>
<td>Journal Use Reports</td>
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**content providers** (part 1 of 3)

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<td>American Chemical Society Publications Division</td>
<td>Planned 2009</td>
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<td>Annual Reviews</td>
<td>Planned Q4 - 2008</td>
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<tr>
<td>EBSCO/EJS</td>
<td>Already implemented</td>
<td></td>
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<tr>
<td>EBSCO/EBSCOHost</td>
<td>?</td>
<td></td>
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<td>Gale - Cengage Learning</td>
<td>Planned Q2 - 2008</td>
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<td>HighWire Press, Stanford University</td>
<td>Planned Q4 - 2008</td>
<td></td>
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<tr>
<td>Informa plc (Taylor &amp; Francis Group, Informa Healthcare)</td>
<td>Planned 2009</td>
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**content providers** (part 2 of 3)

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<td>EBSCO / EJS</td>
<td>Planned Q4 - 2008</td>
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<tr>
<td>John Wiley &amp; Sons</td>
<td>Planned 2009</td>
<td></td>
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<tr>
<td>Metapress</td>
<td>Planned Q4 - 2008</td>
<td></td>
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<td>ProQuest</td>
<td>Planned Q3 - 2008</td>
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**content providers** (part 3 of 3)

<table>
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<th>name</th>
<th>SUSHI 1.5 (Z39.93)?</th>
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<tr>
<td>S. Karger AG</td>
<td>Planned Q4 - 2008</td>
<td></td>
</tr>
<tr>
<td>Swets</td>
<td>In production with 0.1. Support for 1.5 planned for 2009</td>
<td></td>
</tr>
<tr>
<td>The Royal Society of Chemistry:</td>
<td>Our statistics are produced by an external organisation - Cenometric/SurfAid. We have been pushing them for implementation details and they have been holding off until the standard was agreed.</td>
<td></td>
</tr>
<tr>
<td>Thomson Reuters</td>
<td>Planned 2009</td>
<td></td>
</tr>
<tr>
<td>William S Hein &amp; Co., Inc.</td>
<td>Planned 2009</td>
<td></td>
</tr>
<tr>
<td>World Engineering Xchange, Ltd.</td>
<td>No plans to implement</td>
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**Next steps**

- Recruit for committee
- We have identified a role that needs to be filled.
- We are recruiting a few developers willing to monitor the SUSHI developers list and help answer questions. In addition to the committee, our “Sushi-Shokunin” (寿司職人) will serve as part of the support team to help organizations to get online with SUSHI.
- Shokunin means artisan or craftsman, an expert sushi chef, a shokunin, can roll and cut six to eight sushi rolls in a ....
- So far:
  - Tommy Barker, Penn Library
  - John Batte, EBSCO
Coming soon…
Release 3 of the Journals and Databases Code of Practice

Key features…
• Consortium reports
• Sets expectations for handling of:
  – Federated searching
  – Internet robots and archives like LOCKSS
• Reports must be available in XML format
• Revised COUNTER XML Schema
  • SUSHI support becomes a requirement for compliance

Work!

• Hunker down and work hard for the next 12 months so we can get everybody synced across the supply chain!

discussion