

COUNTER Code of Practice for e-Resources

Release 4

Appendix G

XML Overview, with links to schemas

All of the COUNTER Release 4 usage reports **must** be available in XML, irrespective of other formats in which the reports are provided to customers. An XML schema that covers all the COUNTER usage reports has been developed with NISO and is available on the NISO website. (<http://www.niso.org/schemas/sushi/#counter>) This schema can be used for any of the COUNTER reports (journals, databases, books, reference works and multimedia content). The flexibility of the schema has been achieved through the use of several self-defining elements. Rather than enumerate the allowed values within the schema, these values are defined outside of the schema to allow new reports and metrics to be added without having to update the schema each time.

Release 4 XML schemas

The XML schemas listed below support Release 4 and are available on the SUSHI/NISO website:

The values for the 'Report' data element are listed in the Report Registry (http://www.niso.org/workrooms/sushi/reports_R4). Values for other elements can be found on the COUNTER Schema Data Element Values web page (<http://www.niso.org/workrooms/sushi/values/>)

- Counter4.0.xsd <http://www.niso.org/schemas/sushi/#counter>
Description COUNTER schema with enumeration
- counterElements4.0.xsd
<http://www.niso.org/schemas/sushi/#counter>
Enumeration schema, linked to COUNTER schema

The two 'sushi' schemas below are essentially retrieval envelopes for the XML-formatted COUNTER reports. The COUNTER XML schemas above can be used separately from SUSHI by anyone who wants the reports in XML formats.

- counter_sushi4.0.xsd <http://www.niso.org/schemas/sushi/#counter>
- counter_sushi4.0wsdl <http://www.niso.org/schemas/sushi/#counter>

Diagram

- COUNTER 4 Schema Diagram <http://www.niso.org/schemas/sushi/#counter>