



"Codex Claustroneoburgensis 980" from College of Saint Benedict & Saint John's University via DPLA

Peter E. Murray – @DataG – <https://dltj.org/about>

Ensuring System Interoperability

Readers and Ebooks: Making
The Connection

NISO/BISG Forum, ALA Annual

June 21, 2019

Interoperability? Standards!

- ❖ Content: EPUB
- ❖ Discovery / Delivery: NISO FASTEN working group
- ❖ Description: ONIX for Books
- ❖ Usage Reports: Project COUNTER
- ❖ Shared Annotation: Web Annotation

Content

EPUB

Revision 3.2

IDPF / W3C



EPUB

- ❖ An archive (Zip) file containing HTML content, associated media, and metadata
- ❖ First promoted by IDPF, now a W3C specification
- ❖ EPUB 3.2 approved last month
- ❖ <https://www.w3.org/publishing/epub/epub-overview.html>

Why EPUB?

- ❖ Leverages web technologies
 - ❖ HTML, CSS, SVG and other resources in a single-file container
 - ❖ Accessibility standards
- ❖ Open specification
- ❖ DRM available, if needed

Discovery / Delivery

NISO FASTEN Working Group

Flexible **A**PI **S**Tandard for **E**-content



NISO FASTEN

This recommended practice is intended to modernize library-vendor technical interoperability using RESTful web service APIs to fulfill community, vendor, and developer requirements in transmitting library-related information related to serving licensed electronic content.

The scope includes areas such as login / authentication, account information, availability, item status, item check-out, audio / video / online recording streaming, and patron registration with vendor(s).

NISO FASTEN

- ❖ Recommended practices for these tasks
 - ❖ Authentication
 - ❖ Resource Synchronization
 - ❖ Resource Access
- ❖ Physical and electronic format; book, video, audio

Description

ONIX for Books

ONline **I**nformation **EX**change

Revision 3.0

EDItEUR / Book Industry Study Group



ONIX for Books

“ONIX for Books refers to a standard format that publishers can use to distribute electronic information about their books to wholesale, e-tail and retail booksellers, other publishers, and anyone else involved in the sale of books.”

ONIX for Books

- ❖ XML file containing
 - ❖ Product Description
 - ❖ Marketing Collateral Details
 - ❖ Content Details (individual chapters or parts within a product)
 - ❖ Publishing Details (imprints, status, territorial rights)
 - ❖ List of Related Material
 - ❖ Product Supply Details

Usage Reports

Project COUNTER

Code of Practice Revision 5



Project COUNTER

- ❖ Platform Usage
- ❖ Database Usage
 - ❖ DR_D1: Database Search and Item Usage
 - ❖ DR_D2: Database Access Denied
- ❖ Title Reports
 - ❖ TR_B1: Book Requests (Excluding OA_Gold)
 - ❖ TR_B2: Book Access Denied
 - ❖ TR_B3: Book Usage by Access Type

Report_Name								
	A	B	C	D	E	F	G	
1	Report_Name	Book Requests (Excluding OA_Gold)						
2	Report_ID	TR_B1						
3	Release	5						
4	Institution_Name	Sample University						
5	Institution_ID	isni=1234567890						
6	Metric_Types	Total_Item_Requests; Unique_Title_Requests						
7	Report_Filters	Data_Type=Book; Access_Type=Controlled; Access_Method=Regular						
8	Report_Attributes							
9	Exceptions							
10	Reporting_Period	2017-01-01 to 2017-06-30						
11	Created	2017-05-25						
12	Created_By	Platform X						
13								
14	Title	Publisher	Publisher_ID	Platform	DOI	Proprietary_ID	ISBN	P
15	Book A	Publisher X	isni=1234123412341234	PlatformX	/12.1.0.1/1.1111.2.222	pubx:bookA	978-12-345-6789-0	
16	Book A	Publisher X	isni=1234123412341234	PlatformX	/12.1.0.1/1.1111.2.222	pubx:bookA	978-12-345-6789-0	
17	Book B	Publisher X	isni=1234123412341234	PlatformX	/12.1.0.1/2.1111.2.211	pubx:bookB	978-12-345-6781-X	
18	Book B	Publisher X	isni=1234123412341234	PlatformX	/12.1.0.1/2.1111.2.211	pubx:bookB	978-12-345-6781-X	

Introduction
List of COUNTER R5 Reports
pr
pr_p1
dr
dr_d1
dr_d2
tr

Shared Annotation

Open Annotation — hypothes.is

2017

W3C Web Annotation Working Group

W3C Open Annotation Community
Group

hypothes.is



Open Annotation (W3C)

- ❖ Annotation standard covering HTML, PDF, EPUB
- ❖ Consists of Data Model, Vocabulary, Protocol

Education

Welcome to Hypothesis, Educators!

Teachers have known the value of having students annotate texts for a long time. It's a natural progression to annotate text online. What I like about Hypothes.is is the ability for my students and I to annotate the open web and share our thoughts with anybody.

– Chris Sloan, English teacher, Judge Memorial Catholic High School

Whether web literacy or digital citizenship is a focus of your curriculum, or you are simply teaching a traditional text like a poem or article that just happens to be online, you and your students can use Hypothesis to collaboratively annotate course readings and other internet resources. Check out what [teachers](#) and [students](#) are saying about the power of collaborative annotation or see these [examples of classroom use](#) of the Hypothesis tool.

Here are some resources to help you get started with Hypothesis today:

- [10 Ways to Annotate with Students](#)

LMS App

Install the Hypothesis [LMS App](#) in your LMS and learn more about [our free pilot program](#) for educational institutions.



**START A
CONVERSATION**

Talk with us about using
collaborative annotation for

Education

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Public ▾

Annotations 4 Page Notes

Enkerli

Public

Educators

Feb 8, 2016

2

Just got to think about our roles, in view of annotation. Using "curation" as a term for collecting URLs sounds like usurping the title of "curator". But there's something to be said about the role involved. From the whole "guide on the side" angle to the issue with finding appropriate resources based on a wealth of expertise.

meta-annotation

curation

Web curation

teacher as guide

guide on the side

sage on the stage

Web Watch

technopedagogy watch

←

↗

🚩

kassapian

Public

Education

Mar 19, 2018

1

I remember being told about the possibility of this service back in 1999. Glad to see it in action finally.

←

↗

🚩

gardnercampbell

Public

and I


Jul 31, 2016

1

With respect: this should be "my students and me." A common mistake. One self-check is to drop everything but the pronoun, which will usually reveal the problem: "the ability for ... I to annotate the open web" is obviously wrong. Another

[hypothes.is](#) for Education page, Hypothes.is panel displayed

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DataG 



Peter E. Murray

Open Source Community Advocate

Index Data, LLC

<https://dltj.org/about>

Presentation Notes:

<https://dltj.org/article/niso-readers-ebooks/>

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