“Enhancing Discoverability with Open Metadata Standards”
IF YOU’RE HERE, YOU THINK THE...

... IS A GOOD LIFE!

Photo: Ron Cogswell, “Standard Life Building — Downtown Jackson (MS) May 2013”
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So do I!
Or I wouldn’t be a librarian.
Or teach in an iSchool.

Photo: NASA Goddard Space Flight Center, “Galaxy Cluster Abell 1689”
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A few of my favorite standards

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A few of my favorite standards

- SGML
- HTML (in all its variations)
- Text Encoding Initiative (TEI)
- CSS

ISO 12083
A few of my favorite standards

SGML  ISO 12083
HTML (in all its variations)  XML
Text Encoding Initiative (TEI)  CSS
PREMIS  XSLT
XML
CSS
Dublin Core  VRA Core
METS  MODS
NLM/JATS  Darwin Core
DAISY Digital Talking Book  EPUB

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WHY AM I TALKING ABOUT A TON OF

WHEN WE’RE HERE TO TALK ABOUT JUST ONE?
“Enhancing Discoverability with Open Metadata Standards”
“Enhancing Discoverability of Open Metadata Standards”

Photo: NASA Goddard Space Flight Center, “Galaxy Cluster Abell 1689”
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Because there is no
to rule them all.
Sorry, but…

not even DDL.
IN

WE ARE STRUGGLING WITH THIS RIGHT NOW.

Photo: Erik Lorenzsonn, “Madison Bubbler”
https://www.flickr.com/photos/96684011@N05/9902415166 CC-BY
We (thought we) had a

to rule them all...
Photo: That's a Big If, “Cart Before the Horse”
http://bestandworstever.blogspot.com/2013/01/worst-thing-to-put-before-horse-ever.html
CC-BY 2.5, cropped
Because there is no
to rule them all.

Photo: Judy Schmidt, ‘NGC 6720 “Ring”’
https://www.flickr.com/photos/geckzilla/10055992403 CC-BY
Photo: Spanish Coches, "Mismatched rear lights"
https://www.flickr.com/photos/39302751@N06/4168859009/ CC-BY
meh.
meh.
CONSISTENCY IS WHY THE
STANDARD LIFE IS A GOOD LIFE!
“Enhancing Discoverability of Open Metadata Standards”

Photo: NASA Goddard Space Flight Center, “Galaxy Cluster Abell 1689”
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Photo: sixpounder, "Deputy Enforcement Officer Blanche Rogers, 1913, Dewey, Oklahoma"
https://www.flickr.com/photos/sixpounder/14522827775/
WE ARE STRUGGLING WITH THIS RIGHT NOW.
MARC standards

From Wikipedia, the free encyclopedia

This article may be too technical for most readers to understand. Please help improve this article to make it understandable to non-experts, without removing the technical details. The talk page may contain suggestions. (September 2010)

MARC (MAchine-Readable Cataloging) standards are a set of digital formats for the description of items catalogued by libraries, such as books. It was developed by Henriette Avram[1] at the US Library of Congress during
IN

WE ARE STRUGGLING WITH THIS RIGHT NOW.

Photo: Erik Lorenzsonn, “Madison Bubbler”
https://www.flickr.com/photos/96684011@N05/9902415166 CC-BY
Photo: Horia Varlan, "The word no made from jigsaw puzzle pieces"
https://www.flickr.com/photos/horiavarlan/4536149424/ CC-BY
“Enhancing Discoverability Of Open Metadata Standards”

Photo: NASA Goddard Space Flight Center, “Galaxy Cluster Abell 1689”
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The Data Documentation Initiative (DDI) is an international project to create a standard for information describing statistical and social science data (i.e., metadata). Begun in 1995, the effort brings together data professionals from around the world to develop the standard. The DDI specification, written in XML, provides a format for content, exchange, and preservation of information. Version 3.2 of the DDI standard was released in 2014. DDI fills a need related to the challenge of storing and distributing social science metadata, due to the ubiquity of proprietary file formats and no international standard for the design of codebooks. Version 2 of the DDI standard has been implemented in the Dataverse data repository and the data archives of the Inter-university Consortium for Political and Social Research. This article needs additional citations for verification. Please help improve this article by adding citations to reliable sources. Unsourced material may be challenged and removed. (November 2010)
Welcome to the Data Documentation Initiative

A metadata specification for the social and behavioral sciences

Find out how others have put DDI to work in their organizations, explore resources for learning more about and using the DDI, or join the DDI Community.

Specifications and documentation

DDI Lifecycle - Latest version: 3.2

Browse the online documentation

Review progress on the model-based DDI
Useless!
Welcome to the Data Documentation Initiative

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Specifications and documentation

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Browse the online documentation

Review progress on the model-based DDI

Aha! I get this!
Aha! I get this!

Surveys
Interviews
Codebooks
Microdata
Welcome to the Data Documentation Initiative

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Specifications and documentation

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Browse the online documentation

Review progress on the model-based DDI
It's not about what you can do with DDI.
It’s about what I can do with DDI.
It’s about what students can do with DDI.
It’s about what librarians can do with DDI.
It’s about what journalists can do with DDI.
It’s about what web devs can do with DDI.
It's about what search engines can do with DDI.

Photo: NASA Goddard Space Flight Center, “Galaxy Cluster Abell 1689”
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ASK PEOPLE!

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Photo: NASA Goddard Space Flight Center, “Galaxy Cluster Abell 1689”
https://www.flickr.com/photos/gsfc/4910568042/ CC-BY, enlarged/cropped

ASK EDUCATORS
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Your search returned no matches.
Your search returned no matches.
micropub

Definitions

from Wiktionary, Creative Commons Attribution/Share-Alike License

n. data concerning individuals in a trial, survey etc.

n. data stored in a microformat

Etymologies
microdata

Definitions

n. data concerning individuals in a trial, survey etc.
n. data stored in a microformat
microformat

Definitions

n. A simple data format that can be embedded in a webpage.

Etymologies
What is Schema.org?

This site provides a collection of schemas that webmasters can use to markup HTML pages in ways recognized by major search providers, and that can also be used for structured data interoperability (e.g. in JSON). Search engines including Bing, Google, Yahoo! and Yandex rely on this markup to improve the display of search results, making it easier for people to find the right Web pages.
## Thing > CreativeWork > Dataset

A body of structured information describing some topic(s) of interest.

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<tr>
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<th>Expected Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>catalog</td>
<td>DataCatalog</td>
<td>A data catalog which contains a dataset.</td>
</tr>
<tr>
<td></td>
<td>DataDownload</td>
<td>A downloadable form of this dataset.</td>
</tr>
</tbody>
</table>
**Thing > CreativeWork > DataCatalog**

A collection of datasets.

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<thead>
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</tr>
</thead>
<tbody>
<tr>
<td>dataset</td>
<td>Dataset</td>
<td>A dataset contained in a catalog.</td>
</tr>
</tbody>
</table>
THANK YOU!

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Dorothea Salo
salo@wisc.edu
http://dsalo.info/

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