WWIC?
linked library data
as a
customer service medium
@dchud - code4lib north - hamilton, on - 2011-05-06
Why Wasn’t I Consulted?

aka ‘WWIC’ - by Paul Ford
WWIC ==
the web is for
sharing opinions
Linked Library Data

aka ‘LLD’
LLD ==
the web is for
sharing data
Why Wasn't I Consulted?

Linked Library Data

Sharing opinions the web is for

Sharing data the web is for
WWIC => the web *isn’t*

• a radio
• a tv
• a newspaper
• an encyclopedia
• a librarian
WWIC => the web *is*

a way
to
share
opinions and expertise
thoughtful platforms for opinions and expertise
if you’re building a website, ask yourself
“How can people use it to share their opinions and expertise about my stuff?”
WWIC

http://www.ftrain.com/wwic.html
LLD
linked library data
use URIs as names for things
use HTTP URIs
provide useful information
include links to other URIs

http://www.w3.org/DesignIssues/LinkedData.html
an example of what we used to build
an example of what we build now
Here is a sample of how different cultural heritage institutions represent the famous artist Rembrandt on the web. The museum’s page at right shows an example item by the artist with some description. The authority record at left shows a lot of useful information including identifiers and name form variations. These pages do not link to each other. In this case, I did not find them using Google.
linkypedia helps you explore how your web content is used on wikipedia, extract crowd-sourced information about your web resources, and connect with wikipedians who are using your stuff. More about the rationale for linkypedia can be found here.

recently found: Stephen Glover (composer) referencing VIAF

- London Gazette (14,052)
- bioguide.congress.gov (21,761)
- WorldCat.org: The World's Largest Library Catalog (18,836)
- OCLC Research Linked Authority File (2.0) (15,608)
- American Memory from the Library of Congress (9,713)
- Australia Trove (4,256)
who's linking to my stuff in wikipedia?
In this case, I found these two pages using linkypedia (リンキピディア). linkypedia is a software project started by Ed Summers. To use linkypedia, you give it a list of sites you care about, like your library’s website or a museum website, and it crawls Wikipedia to find links from article pages to your sites. In this case I gave linkypedia a list of libraries and museums I have visited. It found several museum sites’ pages linked to from the Wikipedia page for “Rembrandt”. It also found a link to the name authority record for Rembrandt that is published by OCLC in its Linked Authority File online.
This image collage shows the different pages linked to from the linkypedia page. It starts with the linkypedia resource and the authority record from OCLC in the background, and has images from the New York Metropolitan Museum of Art, the Art Institute of Chicago, and the National Gallery of Art in Washington. It emphasizes how the links in linkypedia and wikipedia can bring together resources from disparate locations. But something’s missing here. We can do more with our own library data.
I added this page to linkypedia to make more use of the name authority record. Here you see name variations from the authority record, a link to an LCCN search in Google, and links to search several famous cultural heritage institutions as well as general search engines.
This image collage shows a sample of the broader results we can find when following these links from the name forms. It includes pages from the Virtual International Authority File (VIAF), an Israeli museum site, and the NDL. Actually, the page added to linkypedia with name forms is partly similar in function to the VIAF page.
platform for following your nose to cool stuff
lovely, but
if we stop here
we’re missing something
how can people use this to share opinion and expertise?
LLD needs feedback mechanisms
comments?
voting?
q&a?
edits?
I tried
edits
using version control
w/MeSH
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<td>D01.438.531.173</td>
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<tr>
<td>Synonym</td>
<td>An intravenous, polyether antibiotic from Streptomyces clavuligerus. It binds and transloca-tes cations to membranes and uncouples oxidative phosphorylation while inhibiting ATPase of rat liver mitochondria. The substance is used mostly as a biochemical tool to study the role of divalent cations in various biological systems.</td>
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**Pharmacological Actions:**

**Abstract:**

Cytosine is a pyrimidine base that is a component of DNA and RNA. It plays a crucial role in various biological processes, including replication, transcription, and gene expression. Cytosine is present in both DNA and RNA and is involved in the recognition of specific DNA sequences during replication and transcription. Cytosine is also involved in the recognition of specific RNA sequences during splicing and translation.

**Chemical Structure:**

Cytosine has a pyrimidine ring structure and a single amino group. It is often used as a model compound for studying the properties of purines and pyrimidines.

**Pharmacological Properties:**

Cytosine is a potent inhibitor of DNA synthesis and has been used as a tool to study the role of divalent cations in various biological systems. It is also a useful tool in the study of nucleic acid metabolism and has been used in the treatment of certain types of cancer.

**Pharmacological Actions (continued):**

Cytosine has been shown to have antiviral activity and has been used in the treatment of various viral infections. It is also a useful tool in the study of nucleic acid metabolism and has been used in the treatment of certain types of cancer.
static
up-to-date
opaque URIs
read-only
3 years of MeSH history as version-control-backed LLD

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<td>Thu, 05 May 2011 20:30:33 +0000</td>
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### Tags

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</table>
meshed / changelog

Added tag marc11 for changeset 4d11c8dee97
30 minutes ago, by Dan Chudnov <dchud@umich.edu>

meshed / changelog

Added tag marc10 for changeset b0a17841f575
38 minutes ago, by Dan Chudnov <dchud@umich.edu>

Mercurial Repository: meshed
dynamic
up-to-date, plus history
(mappably) cool URIs
read/write
cloneable
forkable
editable locally
pushable
mergable
etc.able
not all roses
uninteresting diffs
awkward file names
lots of files per dir
serialization issues
but lots of possibilities
anybody could add comments
anybody could clone for local use
anybody could
fork
and submit patches
but
who would share opinions and expertise?
who would share opinions and expertise?
same people as do now
Vegans!
well,

Vegans and catalogers.
we do this work now in private, proprietary systems
take
back-room systems
and
put them on the web

or, at least, output from them
use URIs as names for things
use HTTP URIs
provide useful information
include links to other URIs

http://www.w3.org/DesignIssues/LinkedData.html
mix in versioning, commenting
Why Wasn't I Consulted?

Linked Library Data

the web is for sharing data

the web is for sharing opinions
the web is for sharing data

the web is for sharing opinions

Linked Library Data

Why Wasn’t I Consulted?
thanks!
@dchud