



Building Your Electronic Collection

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Depository Library Council
Virtual Meeting
December 3, 2014



Introduction

- Service = Awareness + Access
- Multiple Paths to an Electronic Collection
- Not Everyone Has to do Everything
- Everyone Ought to Try Something
 - According to their resources and abilities.



Water, water, everywhere

Digital collection development
for “drought prevention”

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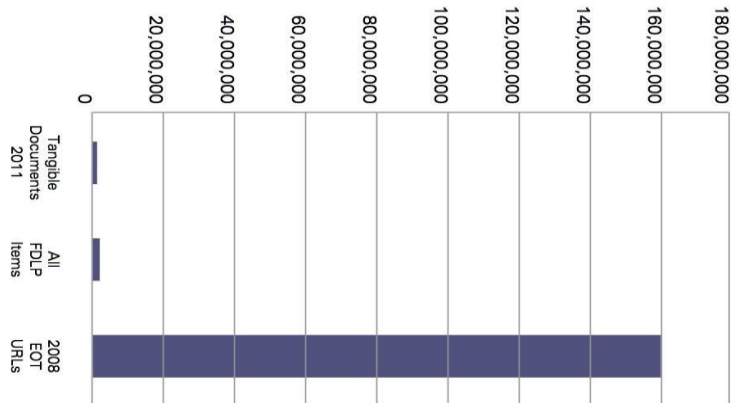


Scope of the problem

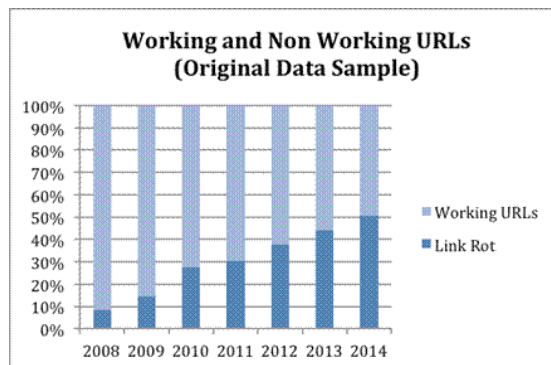




Scope of the problem (II)



Link rot



2014 Link Rot Report, Chesapeake Digital Preservation Group. <http://bit.ly/2014-link-rot-report>

FDLP ACADEMY
2014 DLC VIRTUAL MEETING:
FOCUSING ON SERVICE

Search | Advanced Search | Compare | Browse | My voxgov | Login | Sign Up | Help | Start Tour

voxxgov

Filter Results

Expand All | Collapse All

Entities

Keywords: jobs, small businesses, small...
Names: Harry Reid, Scott Perry, Connie...
Organization: Environmental Protection...
Place: Elagen, Washington, United States...

Dates

Today (33)
Yesterday (25)
Last 7 days (865)
Last 30 days (3080)
Last 3 months (9408)
Last 6 months (18894)
2014 (15333)
2013 (37918)
2012 (44965)
2011 (93006)

More Dates

US Legislature
House (352614)

House Democrats V. House Republicans > Jobs

Total Number of Releases for Jobs (By Selection)

Measurement Raw Count % of Search % by Source Year

Add more groups
 House Democrats House Republicans
 Enter member's name to add Enter member's name to add

Latest Releases

Peters' Statement on National Small Business W...
 "Supporting small businesses is one of my greatest priorities because I know that the success of Rep. Peters, Gary C. (D - MI) 2 hours ago

Byrnes Announces Town Hall Meeting with Mobili...
 leading voice in Mobile County as we continue to work together to bring jobs to Southwest Alabama. I look... Rep. Byrnes, Bradley (R - AL) 24 mins ago

Phonemantic Method 1 and 1 after to BTP Fall
Barry John Farnsworth: BillHarris and SmallBusiness

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Drops, waterfalls and oceans

EEMs


Flickr photo by Elle Is Oneiraxic. Attribution-NonCommercial-ShareAlike 2.0 Generic Creative Commons license

Web Archiving

Fotopedia image by Marcus Revertegit. Creative Commons Attribution 3.0 license.

LOCKSS-USDOCS


Flickr waterfall picture by discordia1967. That's actually me at Hanalei 'ai falls in Kauai :-)



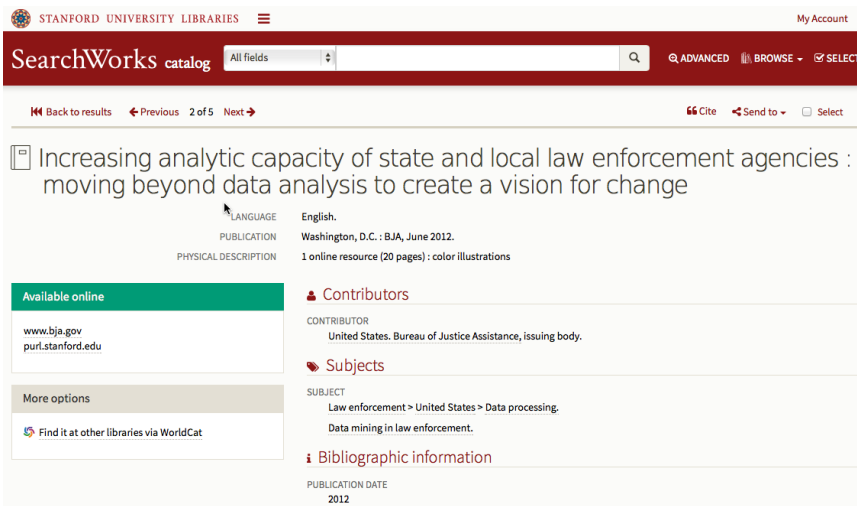
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EEMs

- Everyday Electronic Materials
- Serendipitous fugitive collection
- Currently tracking 8 agencies (from lostdocs.freegovinfo.info)
- Collecting the Web 1 drop at a time!



2014 DLC VIRTUAL MEETING:
FOCUSING ON SERVICE



STANFORD UNIVERSITY LIBRARIES My Account

SearchWorks catalog

Back to results Previous 2 of 5 Next Cite Send to Select

Increasing analytic capacity of state and local law enforcement agencies : moving beyond data analysis to create a vision for change

LANGUAGE English.
PUBLICATION Washington, D.C. : BJA, June 2012.
PHYSICAL DESCRIPTION 1 online resource (20 pages) : color illustrations

Available online
www.bja.gov
url.stanford.edu

Contributors
CONTRIBUTOR
United States. Bureau of Justice Assistance, issuing body.

Subjects
SUBJECT
Law enforcement > United States > Data processing.
Data mining in law enforcement.

Bibliographic information
PUBLICATION DATE
2012

<http://searchworks.stanford.edu/view/10355660>



Harvesting the ocean

- Harvesting Websites since 2007 with Archive-it
 - Fugitive agency sites (GAO, EPA, NACA/NASA, NBII etc)
 - FOIA reading rooms and FOIA'd documents
 - CRS Reports
 - US Budget
 - Climate change and environmental policy
 - FRUS
 - <https://archive-it.org/organizations/159>



Creating FDLP reservoirs



Flickr photo by Black.Dots. CC BY-NC-ND 2.0. <http://bit.ly/hetchhetchy-reservoir>



Creating FDLP reservoirs (II)

- Things everyone can/should do:
 - Keep track of your favorite agency's publications/data
 - Submit fugitives to GPO (and [lostdocs.freegovinfo.info!](http://lostdocs.freegovinfo.info))
 - Save documents to local Web servers and/or upload to the Internet Archive ("seeding the cloud")
 - Build Web-harvested collections that your local community wants/needs
 - Join LOCKSS-USDOCS

This is YOUR FDLP. Participate!



Colophon

“...let us save what remains: not by vaults and locks which fence them from the public eye and use in consigning them to the waste of time, but by such a multiplication of copies, as shall place them beyond the reach of accident.”

— Thomas Jefferson, February 18, 1791



Further reading

- Future of the Federal Depository Library Program. Free Government Information. <http://freegovinfo.info/taxonomy/term/1087>
- “Digital Deposit.” <http://freegovinfo.info/taxonomy/term/3>
- Preservation for all: LOCKSS-USDOCS and our digital future. James Jacobs and Victoria Reich, Stanford University Libraries. Documents to the People (DttP) Volume 38:3 (Fall 2010). <http://freegovinfo.info/system/files/lockssusdocs-dttp38%283%29.pdf>
- Everyday Electronic Materials in Policy and Practice. Coalition for Networked Information (CNI) project briefing. Fall 2010. Katherine Kott. <http://sn.im/eems-report>
- A Guide to Distributed Digital Preservation. K. Skinner and M. Schultz, Eds. (Atlanta, GA: Educopia Institute, 2010). <http://www.metaarchive.org/GDDP>
- <http://lockss-usdocs.stanford.edu>
- When we depend on pointing instead of collecting. <http://freegovinfo.info/node/3900>



Building Your Electronic Collection

Through Outbound Linking

Christopher C. Brown
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Building Electronic Collections by Outbound Linking: It's all about Service

Online Catalogs: What Users and Librarians Want

At a glance...

What do end users want?

- Direct links to online content—text and media formats



An OCLC Report

Calhoun, Karen S., Joanne Cantrell, Peggy Gallagher, and Diane Cellantani.
Online catalogs: What users and librarians want. OCLC Inc., 2009.
<http://www.oclc.org/content/dam/oclc/reports/onlinecatalogs/fullreport.pdf>



Biennial Survey 1997

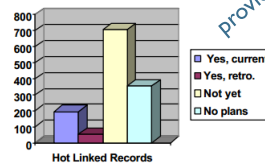
10. Are bibliographic records for "Internet only" documents "hot linked" in the library on-line catalog? (Mark all that apply.)

- Yes, for current records
- Yes, for retrospective records
- Not yet, but plan to
- No plans to include "Internet only" records in on-line catalog
- Lack an on-line catalog
- No government document records in on-line catalog

17%
provide links

	No.	%
a	194	14
b	54	4
c	708	52
d	353	26
e	76	6
f	43	3

1,159 survey responses





Biennial Survey 2013

22. How does your library routinely create, acquire, or update bibliographic records for online publications? Select all that apply.

	CGP Z39.50 library	Vendor records received	Cataloging Record Distribution Program*	Copy exchange	Records for born digital publications added to the catalog	PURLs are added to existing records for templates	Does not create or obtain these records	Other
Academic General	46	390	65	420	264	334	20	32
Academic, Community College	4	12	8	41	16	21	7	5
Academic, Law Library	15	83	10	119	85	96	5	12
Federal Agency Library	3	4	4	28	15	16	8	1
Federal Court Library	1	0	1	9	5	9	0	1
Highest State Court Library	2	9	1	28	17	20	4	2
Public Library	25	63	27	99	50	82	39	16
Service Academy	0	3	0	4	2	3	0	0
Special Library	0	2	0	11	7	8	2	1
State Library	2	18	7	23	22	20	4	0
Total	98	584	123	782	483	609	89	70

1,177 survey responses

*This program was limited to 80 libraries in FY13



Biennial Survey 2013

23. How do you provide access to online publications? Select all that apply.

	Catalog records	Web sites	Library guides	Other
Academic General	612	437	496	32
Academic, Community College	46	40	31	1
Academic, Law Library	147	113	99	3
Federal Agency Library	30	24	17	2
Federal Court Library	9	6	6	0
Highest State Court Library	31	23	9	3
Public Library	155	142	55	18
Service Academy	4	4	3	0
Special Library	13	10	7	1
State Library	37	24	11	4
Total	1084	823	734	64

1,177 survey responses

92%
provide links



Ideas for Building Electronic Collections (by outbound linking)

1. Adding links to older documents in existing catalog records
2. Integration HathiTrust through OAI-PMH Harvesting
3. Record Loading Projects (vendor-supplied MARC records)
4. Feature and Link to GPO Information Products



1 Adding Links to Older Documents URL Addition Projects: The Hunt

Some libraries do not allow adding URLs to tangible format records, wanting instead to have separate records for the online format. But if your library does allow for this, you may want to consider adding links to selected older docs. Here are just a few of the many places you can look (in addition to Google Web):

- UNT Digital Library - <http://digital.library.unt.edu/explore/collections/ATOZ/browse/>
- Dept. of Labor Digital Library - <http://www.dol.gov/oasam/wirtzlaborlibrary/digital/>
- NASA Technical Report Server - <http://ntrs.nasa.gov/>
- Defense Technical Information Center (DTIC) - <http://www.dtic.mil/dtic/>
- National Agricultural Library Digital Collections - <http://naldc.nal.usda.gov/naldc/>



1 Adding Links to Older Documents URL Addition Projects: The Hunt

- In the past I have had library school students hunt for older documents without URLs, suggest a good URL for addition, then add them myself to the MARC records. This is very time-consuming, but rewarding.
- You can enlist willing student workers, perhaps working at your reference desk, to look for these in their spare time.



2 HathiTrust: Creating a Registry of US Federal Government Documents

- http://www.hathitrust.org/usgovdocs_registry
- “[more than 400,000 documents currently in HathiTrust](#)”
- Two ways to get HathiTrust records: record loading and harvesting

Record Loading - Locally managed records		OIA Harvested Records	
PRO	CON	PRO	CON
Able to locally manage records	Have to locally manage records	Records can be updated automatically	Unable to manage records.
Can use a URL tracking prefix if desired			Only able to purge and refresh

<http://www.hathitrust.org/data>



2 HathiTrust and OAI-PMH* Three ways to do this:

1. Your own system. Since this is an open standard, libraries with programming ability may be able to link out themselves to HathiTrust content (<http://www.hathitrust.org/data>).
2. Some ILS vendors can harvest HathiTrust content into the local catalog, or into a local repository within the ILS.
3. All the major discovery tools now offer HathiTrust content.

*Open Archives Initiative Protocol for Metadata Harvesting



2 HathiTrust Harvesting in a Local Catalog

The screenshot shows a search interface with a search bar containing 'public domain'. Below the search bar, it displays 'Results 1 - 25 of 1928034 for public domain'. The results are sorted by Relevance. The first result is titled 'Operating regulations to govern coal-mining methods and the safety and welfare of miners on leased lands on the public domain under the Act of February 25, 1920 (Public law 149)'. The second result is 'The public domain. Its history, with statistics ... Public land commission. Committee on codification. Prepared in pursuance of the acts of Congress of March 3, 1879, and June 16, 1880, ...'. The third result is 'Michigan. [Agricultural, horticultural and industrial advantages. Immigration Publication, June 1914]'. Each result includes a brief description and a link to 'Access Online'.



2 HathiTrust Records and Discovery Tools

- Each of the major discovery tools have a way to make HathiTrust records discoverable. Since a large percentage of these records are US government documents, this can be a great way to expose users with full text of older government information.



3 Record Loading Projects – vendor-supplied MARC records

- Some vendors will supply MARC records for a fee or sometimes for free
- Of course, this means that you can afford to own or subscribe to these databases.





3 Record Loading Projects – vendor-supplied MARC records

- Some examples of vendor-supplied MARC records:
 - Readex Digital Serial Set - 353,240 Readex American State Papers - 6,278 records
 - ProQuest Digital Serial Set – 381,129 records
 - ProQuest Digital Hearings – 93,531 records through 2011
 - ProQuest House & Senate Unpublished Hearings – 44,655 records
 - ProQuest Executive Branch Documents (1879-1932) – coming soon
 - Dept. of Energy, Office of Scientific and Technical Information (OSTI) - 386,735 records
 - HathiTrust public domain record (includes government documents) – 400,000+ records



4 Feature and Link to GPO Information Products

- Catalog of Government Publications (CGP) – <http://catalog.gpo.gov/>
When you need to go beyond your item selections, search the CGP. It includes PURLs to online content.
- [FDLP Basic Collection](#) – You likely already have all these records in your catalog, but helpful to browse them all in one place.
- FDsys - <http://fdsys.gov/> Deep searching (full text) of GPO content.
- GPO's Metalib - <http://metalib.gpo.gov/> – simultaneously searches metadata of more than 50 federal government publication catalogs, federal library catalogs, and specialized indexes.



How to Track all This?

- Method One: GPO’s PURL tracking
- Method Two: DIY Local URL Tracking

GPO PURL Tracking	Local URL Tracking
Any PURL clickthrough from an institution	Any URL clickthrough via the OPAC
Broad view: top PURLS and overall numbers	Narrow view: specific PURLS/URLS and then can derive titles, SuDocs, etc.
Wait for GPO to aggregate data	Instant access to data

For more on doing this yourself, listen to the [May 20, 2014 iCohere session](#), or view the [PowerPoint presentation](#).



Outbound Linking: It’s All About Service



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Some Questions For You



Some Questions For Us

