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K2: Building the Law Library of Congress Web Presence: A Collaborative Approach

Julie Kimbrough, Coordinator

Emily Feltren, Moderator

David Mao, Speaker

Tina Gheen, Speaker

Andrew Weber, Speaker

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Presenters

David Mao

Law Librarian of Congress

Law Library of Congress

Tina Gheen

Emerging Technologies Librarian

Law Library of Congress

Emily Feltren

Director of Government Relations

AALL Government Relations Office

Andrew Weber

Legislative Information Systems Manager

Law Library of Congress

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Outline

- Introductions
- Project ONE and the Law Library of Congress
- Congress: Updating THOMAS in 2012
- Congress: What's Next?
- National Library: The Law Library Efforts
- National Library: LC Metadata
- Federal Inventory of Legal Materials
- Future Technologies: Linked Data
- Questions and Answers

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Core Areas

Core Areas. The Library will be the "Go To" place on the Web for three core areas:

- *Congress.* We will be the trusted source of legislative information for the American people and the preferred information service for members of Congress. We will provide current and historical information about Congress, legislation, and the legislative process, as well as provide reliable and authoritative information for Congress.

Congress: Updating THOMAS in 2012

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Congress: Congressional Record App

- Available from the iTunes App Store: http://itunes.apple.com/us/app/the-congressional-record/id492077075

- Video introduction: http://youtu.be/EhkxDIr0y2U
  - But really: http://on.fb.me/CRiPadApp

- Features:
  - Works on iPad, iPhone, and iPod Touch
  - Search within issues
  - Share
  - Browse by date
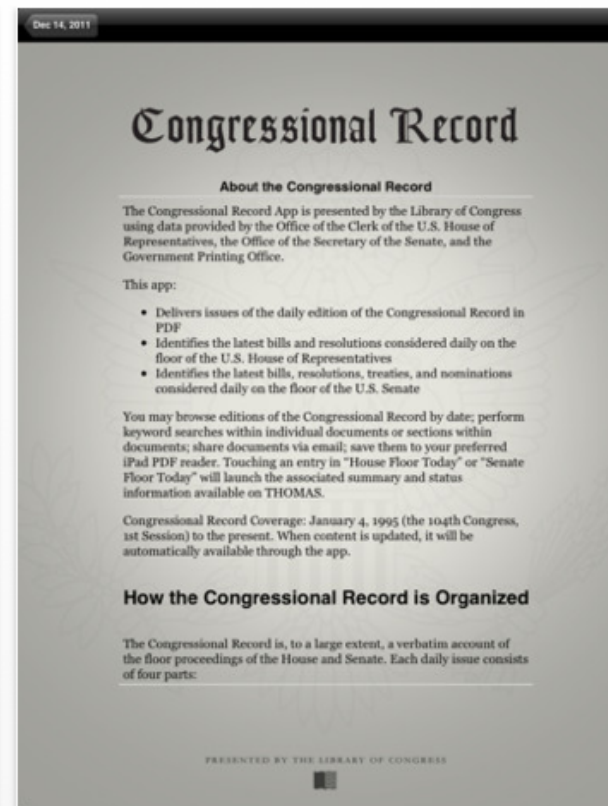
The Congressional Record

Description

Read the daily edition of the Congressional Record on your iPad. The Congressional Record App is presented by the Library of Congress using data provided by the Office of the Clerk of the U.S. House of Representatives, the Office of the Secretary of the Senate, and the Government Printing Office. …

...More

Library Of Congress Web Site ›   **The Congressional Record Support** ›

Free App ▾

Category: News
Released: Jan 16, 2012
Version: 1.0
Size: 3.4 MB
Language: English
Seller: Library Of Congress
©United States Government Work

Rated 4+

Requirements: Compatible with iPad. Requires iOS 4.3 or later.

iPad Screenshots

Dec 14, 2011   About

Congressional Record

Vol. 157   Wednesday, December 14, 2011   No. 192

PROCEEDINGS AND DEBATES OF THE *112th* CONGRESS

- Daily Digest
- Senate Section
- House Section
- Extensions of Remarks Section
- Entire Issue

House Floor Today

H.J.Res.95: Making further continuing appropriations for fiscal year 2012, and for other purposes. (12/16/2011 legislative day)

H.J.Res.94: Making further continuing appropriations for fiscal year 2012, and for other purposes. (12/16/2011 legislative day)

H.R.3672: Disaster Relief Appropriations Act, 2012 (12/16/2011 legislative day)

Senate Floor Today

H.R.3630: Middle Class Tax Relief and Job Creation Act of 2011 (12/17/2011 legislative day)

H.R.2055: Military Construction and Veterans Affairs, and Related Agencies Appropriations Act, 2012 (12/17/2011 legislative day)

H.Con.Res.94: Directing the Clerk of the House of Representatives to make corrections in the enrollment of H.R. 3672. (12/17/2011 legislative day)

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Dec 14, 2011

Congressional Record

About the Congressional Record

The Congressional Record App is presented by the Library of Congress using data provided by the Office of the Clerk of the U.S. House of Representatives, the Office of the Secretary of the Senate, and the Government Printing Office.

This app:

- Delivers issues of the daily edition of the Congressional Record in PDF
- Identifies the latest bills and resolutions considered daily on the floor of the U.S. House of Representatives
- Identifies the latest bills, resolutions, treaties, and nominations considered daily on the floor of the U.S. Senate

You may browse editions of the Congressional Record by date; perform keyword searches within individual documents or sections within documents; share documents via email; save them to your preferred iPad PDF reader. Touching an entry in "House Floor Today" or "Senate Floor Today" will launch the associated summary and status information available on THOMAS.

Congressional Record Coverage: January 4, 1995 (the 104th Congress, 1st Session) to the present. When content is updated, it will be automatically available through the app.

How the Congressional Record is Organized

The Congressional Record is, to a large extent, a verbatim account of the floor proceedings of the House and Senate. Each daily issue consists of four parts:

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The Congressional Record

By Library Of Congress

Open iTunes to buy and download apps.

Description

Read the daily edition of the Congressional Record on your iPad, iPhone or iPod touch. The Congressional Record App is presented by the Library of Congress using data provided by the Office of the Clerk of the U.S. House of Representatives, the Office of the Secretary of the Senate, and the Government Printing Office.

Library Of Congress Web Site ▸   The Congressional Record Support ▸   ...More

What's New in Version 1.5

– Support for iPhone and iPod touch devices
– Support for Retinal displays
– Added ability to copy text from the Congressional Record

...More

View In iTunes

➕ This app is designed for both iPhone and iPad

Free

Category: News
Updated: Jul 06, 2012
Version: 1.5
Size: 4.6 MB
Language: English
Seller: Library Of Congress
©United States Government Work
Rated 4+

Requirements: Compatible with iPhone 3GS, iPhone 4, iPhone 4S, iPod touch (3rd generation), iPod touch (4th generation) and iPad.Requires iOS 5.0 or later.

Customer Ratings

Current Version:

Screenshots

iPhone | iPad

Congressional Record

Thursday, June 21, 2012

Vol. 158   No. 95

PROCEEDINGS AND DEBATES
OF THE *112th* CONGRESS

Daily Digest

Senate Section

Jun 21, 2012   **House Section**

Congressiona

United States
of America   PROCEEDINGS AND DEBATES OF THE *112*

Vol. 158   WASHINGTON, THURSDAY, JUNE

House of Represen

The House met at 9 a.m. and was called to order by the Speaker pro tempore (Mr. POE of Texas).

DESIGNATION OF THE SPEAKER PRO TEMPORE

The SPEAKER pro tempore laid before the House the following communication from the Speaker:

WASHINGTON, DC,
June 21, 2012.
I hereby appoint the Honorable TED POE to act as Speaker pro tempore on this day.
JOHN A. BOEHNER,
Speaker of the House of Representatives.

last day's proceedings and announced to the House his approval thereof.
Pursuant to clause 1, rule I, the Journal stands approved.

PLEDGE OF ALLEGIANCE

The SPEAKER pro tempore. Will the gentlewoman from Connecticut (Ms. DELAURO) come forward and lead the House in the Pledge of Allegiance.
Ms. DELAURO led the Pledge of Allegiance as follows:
I pledge allegiance to the Flag of the United States of America, and to the Repub-

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Congress: House Committee Hearings

- Available at: http://thomas.loc.gov/video/house-committee

- 22 pages for video

- Features:
  - Watch live
  - Watch archived
  - Tweeting hearings (#THOMASlive)

Related Resources at the Library

Find the Law Library on:

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House Committee Live Streams

- The House Permanent Select Committee on Intelligence
- House Committee on Agriculture
- House Committee on Appropriations
- House Committee on Armed Services
- House Committee on Financial Services
- House Committee on the Budget
- House Committee on Education and the Workforce
- House Committee on Foreign Affairs
- House Committee on Oversight and Government Reform
- House Committee on House Administration
- House Committee on Homeland Security
- House Committee on Energy and Commerce
- House Committee on Natural Resources
- House Committee on the Judiciary
- House Committee on Transportation and Infrastructure
- House Committee on Rules
- House Committee on Small Business
- House Committee on Ethics
- House Committee on Science, Space, and Technology
- House Committee on Veterans' Affairs
- House Committee on Ways and Means
- Other Committees, Commissions, and Events

Related Resources at the Library

- Law Library of Congress
- Global Legal Monitor
- Global Legal Information Network
- Century of Lawmaking
- Continental Congress and Constitutional Convention

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House Committee on Appropriations

USHR16 Appropriations Committee

« Back to Live Stream

| ▮▮ | 🔊 | ⊙————————————— | 00:00:01 | Share | ↻ | ▣ |

Video streaming by Ustream

Use Restrictions and Privacy

USHR16 Appropriations Committee
Date Created: 2012-03-28 12:43:10
Length: 01:01:03

SHR16 Appropriations Committee
Date Created: 2012-03-28 10:43:09

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Last Year's Future Plans

- Why are we here?
  - We want feedback from law librarians
  - How can we make it better?
  - What would you like to see?
- Goal: new system in 2014

Search Loc.gov [Go] ☐ search within results

Your Search: Original Format: Legislation ⊠

Refine Your Search

Available Online

◯ Digitized [260207]

🟢 All Items [260207]

Select links to narrow results.
Uncheck to exclude from results.

Original Format

Legislation [260207]

Online Format

Pdf [260207]

Online Text [260207]

Subject

Conference Reports	[1]	☑
Congressional Committees	[1]	☑
Congress	[1]	☑
Appropriations	[1]	☑
Committee Reports	[1]	☑
Congressional Calendars	[1]	☑
Civics	[1]	☑
Bill Summary	[1]	☑
Bill Text	[1]	☑

Search Results

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◀ 1 2 3 … ▶

Sort By [Relevance ▾] [Go]

☰ List ▦ Gallery ▦ Grid

S.981 - A bill to amend the Internal Revenue Code of 1986 to provide a partial exclusion for capital gain from certain sales of real ...

Amends the Internal Revenue Code to exclude from gross income 50 percent of any gain from the sale or exchange of real property acquired by the taxpayer directly from the Federal Savings ...

Sponsor: Sen Boschwitz, Rudy
Site: Thomas
Original Format: Legislation
Date: 1989

S.2270 - Bank Insurance Fund Rebate Act of 1998

Bank Insurance Fund Rebate Act of 1998 - Amends the Federal Deposit Insurance Act governing refunds of assessments imposed upon insured depository institutions to provide that a refund for any semiannual assessment ...

Sponsor: Sen Faircloth, Lauch
Site: Thomas
Original Format: Legislation
Date: 1998

H.R.4881 - A bill to amend title XVIII of the Social Security Act with respect to coverage of optometrists' services and coverage of occupational therapy ...

Amends title XVIII (Medicare) of the Social Security Act to extend coverage to include the items and services which an optometrist is legally authorized to provide. Provides coverage, under part B (Supplementary ...

Sponsor: Rep Stark, Fortney Pete
Site: Thomas
Original Format: Legislation
Date: 1986

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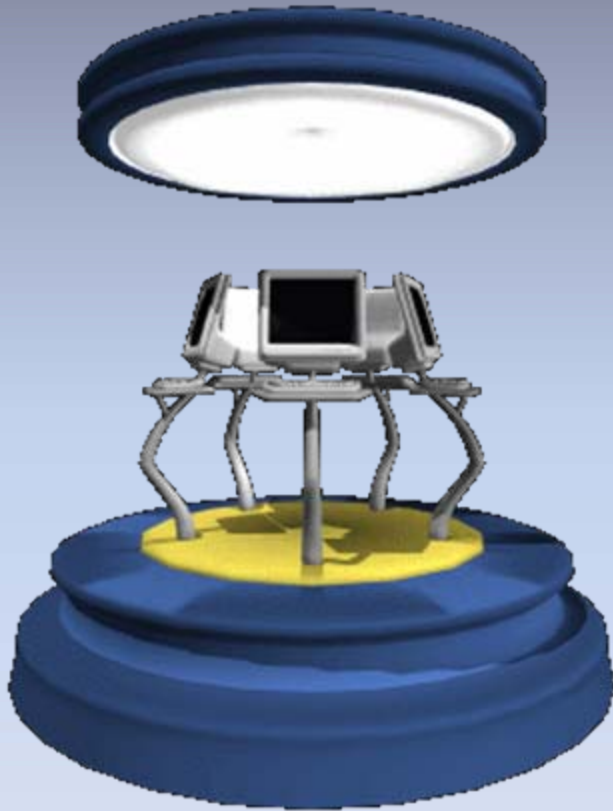@LawLibCongress

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Congress: What's Next?

- Beta release of website with enhanced search and browse capabilities

- Modern legislative information platform with ability to scale for mobile, position for the future

- Implement new information architecture

- New visual design

- Faceted, modern search across all system data

- Permanent URLs

DIGITIZING THE FUTURE

BRINGING THE LAWS TO YOU

Format

Amazon Instant Video (8)

Blu-ray (145)

DVD (210)

VHS (32)

HD DVD (10)

Universal Media Disc (8)

Genre

Action & Adventure (26)

Drama (4)

Fantasy (26)

Foreign Films (4)

Kids & Family (104)

Mystery & Thrillers (1)

Science Fiction (1)

Actor

Alan Rickman (78)

Daniel Radcliffe (187)

Emma Watson (160)

Fiona Shaw (97)

Maggie Smith (91)

Richard Griffiths (84)

Robbie Coltrane (101)

Rupert Grint (160)

Director

Alfonso Cuarón (38)

Chris Columbus (86)

David Yates (91)

Mike Newell (31)

More Buying Choices - Hardcover

$110.00 new (58 offers)

$45.70 used (65 offers)

Front Matter: *Harry Potter* and th e Sorcerers Stone See a random page in this book.

Books: See all 7,785 items

Harry Potter and the Deathly Hallows, Part 1 Starring Daniel Radcliffe, Rupert Grint, Emm et al. (Apr 15, 2011)

~~$19.94~~ **$11.03** DVD *Prime*

Order in the next **7 hours** and get it by **Friday, Jul 13**.

More Buying Choices - DVD

$9.95 new (67 offers)

$6.79 used (35 offers)

★★★★☆ (800 customer reviews)

Trade in this item for an Amazon.com Gift Card

Movies & TV: See all 707 items

Harry Potter and the Chamber of Secrets (Book 2) by J. K. Rowling and Mary GrandPré 2000)

~~$10.99~~ **$8.79** Paperback

Prime

Order in the next **6 hours** and get it by **Friday, Jul 13**.

More Buying Choices - Paperback

$3.99 new (196 offers)

$0.01 used (2863 offers)

★★★★½ (2,812)

Excerpt

Front Matter: ... can do no better than opening *Harry Potter* and the Chamber of Secrets. ... See a random page in this book.

Books: See all 7,785 items

Harry Potter and the Deathly Hallows, Part 2 (+ UltraViolet Digital Copy) Starring I Radcliffe, Rupert Grint, Emma Watson, et al. (Nov 11, 2011)

~~$28.98~~ **$21.55** DVD *Prime*

Order in the next **5 hours** and get it by **Friday, Jul 13**.

Only 8 left in stock - order soon.

More Buying Choices - DVD

$18.49 new (40 offers)

$9.95 used (20 offers)

★★★☆☆ (1,063 customer reviews)

Trade in this item for an Amazon.com Gift Card

Movies & TV: See all 707 items

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Refined by: Original Format: Legislation | ✕

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⬤ Available Online [267137]
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Online Format
PDF
Online Text

Date
2000-2099 [73561]
1900-1999 [182273]
1800-1899 [94]
1700-1799 [5]
1600-1699 [1]

Site

H.R.3457 - Poultry Producers Financial Protection Act of 1987

(Measure passed House, amended) Poultry Producers Financial
Protection Act of 1987 - Amends the Packers and Stockyards Act, 1921
to remove from marketing practices' regulation under such Act: (1) poultry
products; and ...

Contributor:	Stenholm, Charles W.
Site:	Thomas-legislative
Original Format:	Legislation
Date:	1987-10-08

H.R.2883 - Fair Treatment for Precious Metals Investors Act

Fair Treatment for Precious Metals Investors Act - Amends the Internal
Revenue Code to treat bullion (e.g., gold, silver, platinum, and palladium)
as a long-term capital asset (currently, treated as a collectible), ...

Contributor

Inouye, Daniel K.	[1700]
Roe, Robert A.	[1311]
Kennedy, Edward M.	[1118]
Pepper, Claude	[1090]
Hatch, Orrin G.	[1043]
Dole, Robert J.	[1022]
Thurmond, Strom	[1014]
Schumer, Charles E.	[1000]
Moynihan, Daniel Patrick	[943]
Rangel, Charles B.	[924]

More Contributors »

Subject

Government Operations And Politics	[61878]
Economics And Public Finance	[37451]
Congress	[32079]
Labor And Employment	[27556]
Health	[27396]
Social Welfare	[27373]
Law	[26967]
Armed Forces And National Security	[26571]
Income Tax	[25002]
Taxation	[24550]

More Subjects »

Site:	Thomas-legislative
Original Format:	Legislation
Date:	2007-06-27

H.R.7218 - Balanced Monetary Policy and Price Stability Act of 1982

Balanced Monetary Policy and Price Stability Act of 1982 - Amends the Federal Reserve Act to require the Board of Governors and the Federal Open Market Committee of the Federal Reserve System …

Contributor:	Kemp, Jack
Site:	Thomas-legislative
Original Format:	Legislation
Date:	1982-09-29

S.1834 - Affordable Housing Preservation Act of 2005

Affordable Housing Preservation Act of 2005 - Directs the Secretary of Housing and Urban Development (HUD) to make grants to states (40%) and localities (60%) for the preservation and promotion of low-income …

Contributor:	Jeffords, James M.
Site:	Thomas-legislative
Original Format:	Legislation
Date:	2005-10-06

H.R.13444 - A bill to amend the Great Lakes Pilotage Act of 1960 to limit the liability of U.S. registered pilots so as to provide …

Amends the Great Lakes Pilotage Act of 1960 to provide that no United States registered pilot or authorized Association of United States Registered Pilots shall be liable for damages of more than …

Contributor:	Oberstar, James L.
Site:	Thomas-legislative
Original	Legislation

THOMAS

In the spirit of Thomas Jefferson, legislative information from the Library of Congress

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- THOMAS Home
- About THOMAS
- Bills, Resolutions
- Congressional Record
- Presidential Nominations
- Treaties
- Committee Reports
- Government Resources
- For Teachers
- Help

- House of Representatives
- Senate
- U.S. Code

Related Resources at the Library

- Law Library of Congress
- Global Legal Monitor
- Global Legal Information Network
- Century of Lawmaking
- Continental Congress and Constitutional Convention

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In Custodia Legis Blog

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|| Legislation in Current Congress ||

Search Bill Summary & Status

○ Word/Phrase   ○ Bill Number

[   ]   SEARCH

- Try the Advanced Search
- More Search Options

Browse Bills by Sponsor

[Select a Representative ▼]   GO

[Select a Senator ▼]   GO

- More Browse Options

|| More Legislative Information ||

- Search Bill Text for Multiple Congresses
- Appropriations Bills
- Public Laws
- Roll Call Votes
- Contact Members of Congress
- State Legislature Websites

|| Learn ||

- THOMAS Orientation
- The Legislative Process

|| Current Activity ||

- House Floor Now (video)
- House Committee Video
- Senate Floor Now (video)
- Passed Congress, Sent to President
- Yesterday in Congress
- Congressional Record Latest Daily Digest (app)
- Schedules, Calendars

| Weekly Top Five |

- H.R. 3606 [112th]
- H.R. 3261 [112th]
- H.R. 3523 [112th]
- H.R. 3590 [111th]
- S. 786 [109th]

- View Top Ten

THOMASdotgov Twitter

THOMASdotgov #OnThisDay in 1789 the Senate elects a doorkeeper senate.gov/artandhistory/...
2 days ago · reply · retweet · favorite

THOMASdotgov RT @LawLibCongress Works Progress Administration! memory.loc.gov/ammem/today/ap... #OnThisDay in 1935, Congress approved the Emergency Relief

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National Library: Law Library Efforts

- Transformed website to modern wider template

- Updating metadata throughout

- Replaced the search with a modern faceted one that utilizes the new metadata

- More at: http://blogs.loc.gov/law/2012/06/we-have-a-new-look-changes-to-the-law-library-of-congress-website/

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National Library: LC Metadata

- HTML Title (Required)
- HTML Description (Required)
- DC Type (MODS) (Required)
- DC Title (Optional)
- DC Rights (Required if known)
- DC Contributor/Creator (Required if known)
- DC Subject (Required if known)
- DC Coverage Spatial (Required if known)

- DC Coverage Temporal (Required if known)
- DC isPartOf (Optional)
- DC Date (Optional)
- DC Identifier (Required if known)
- DC Language (Required if known)
- Image and Media References (Optional)
- Canonical URL (Optional)
- Alternate URL (Optional)

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Federal Inventory of Legal Materials

Emily Feltren

AALL Director of Government Relations

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State Inventories

- Cover all 3 levels of government
  - State
  - County
  - Municipal
- 350 + AALL and chapter volunteers
- 7,000 + titles

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Federal Inventory

What are we looking for?

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- Legal research materials
  - Authored or created by federal agencies
  - Publicly accessible

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- Executive Branch
  - Dept of Agriculture decisions
  - Dept of Energy directives
  - Federal Aviation regulations

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- Judicial Branch
  - Court opinions and court rules
- Legislative Branch
  - Statutes
  - U.S. Code

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Who's contributing?

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- Federal librarians and interns
- Other interested AALL members
- You!

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Agencies covered so far

- DOI
- FCC
- FDIC
- DOJ
- SEC
- State

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Levels of Participation

Level 1

• Submit a list of agency legal titles

Level 2

• Fill out answer inventory questions related to scope, official status, permanent public access, preservation, etc

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We need your help!

- To volunteer, contact Elizabeth Holland, eholland@aall.org

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Future Technologies: Linked Data

- What is Linked Data?

- Why Linked Data?

- Uniform Resource Identifiers (URIs)

- Classification as Linked Data

- Examples

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What is Linked Data?

- Platform independent way to create relationships between data (not just documents) on the Web

- Eric Miller, co-founder and president of Zepheira, likens Linked Data to legos – the pieces are interchangeable and you can combine them in new and exciting ways

- Our legos are Uniform Resource Identifiers (URIs) and the Resource Description Framework (RDF)

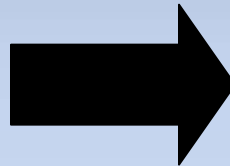Lego mess by Flickr user Strutta.com

Brickcon 2011 by Flickr user cjdc

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Why Linked Data?

- Machine readable

- Increased interoperability

- Increased transparency

- Better discoverability

- Link concepts between languages

- Disambiguation of terms and concepts

- Allows others to curate/enhance data

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The Rules: 5 Star Linked Data

Proposed by Tim Berners-Lee in 2006:
http://www.w3.org/DesignIssues/LinkedData.html

★ make your stuff available on the web (whatever format)

★★ make it available as structured data (e.g. excel instead of image scan of a table)

★★★ non-proprietary format (e.g. csv instead of excel)

★★★★ use URLs to identify things, so that people can point at your stuff

★★★★★ link your data to other people's data to provide context

Diagram from: http://inkdroid.org/journal/2010/06/04/the-5-stars-of-open-linked-data/

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Uniform Resource Identifiers (URIs)

- URIs can represent <u>any</u> entity or concept

- When organizations use the same URIs, they are able to link their resources together

- Linking will increase the value of the URIs and build a web of data

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Examples of URIs

- URIs are all around you:
  - Uniform Resource Locator (URL): http://www.loc.gov/
  - Uniform Resource Number (URN): urn:isbn:0393045633
  - Digital Object Identifier (DOI): doi:10.1371/journal.pone.0038869
  - Geo URI: geo:38.887809,-77.004569

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Simplified Example

Privacy (in English)

is the same as

Vie privée (in French)

http://id.loc.gov/authorities/subjects/sh85107027

sameAs

http://data.bnf.fr/11968722/vie_privee/

www.worldcat.org/title/semantic-web-for-the-working-ontologist-modeling-in-rdf-rdfs-and-owl/184925396&referer=brief_results

Raw structured data extracted from the page:

http://www.w3.org/ns/mdfitem	rdf:type	schema:Book
	http://purl.org/library/holdingsCount	• 164 • 164
	http://purl.org/library/oclcnum	• 184925396 • 184925396
	http://purl.org/library/placeOfPublication	rdf:type schema:Place schema:name Boston ; rdf:type schema:Place schema:name Amsterdam ; rdf:type schema:Place schema:name Boston : rdf:type schema:Place schema:name Amsterdam ;
	schema:about	rdf:type skos:Concept schema:name Internet.

schema:name	Ontologia.	
rdf:type		skos:Concept
schema:name		Semantic Web.
http://www.loc.gov/mads/rdf/v1#isIdentifiedByAuthority		http://id.loc.gov/authorities/subjects/sh2002000569
rdf:type		
schema:n		
http://w /v1#isId		

About: **James Hendler**
An Entity of Type : person, from Named Graph : http://dbpedia.org, within Data Space : dbpedia.org

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Article Talk

Read Edit View history Search

Web development
From Wikipedia, the free encyclopedia

This article **may need to be rewritten entirely to comply with Wikipedia's quality standards**. You can help. The discussion page may contain suggestions. (May 2009)

It has been suggested that this article or section be merged with Web engineering. (Discuss) Proposed since May 2010.

Web development is a broad term for the work involved in developing a web site for the Internet (World Wide Web) or an intranet (a private network). This can inc...
network security configuration...
the main non-design aspects...
simplest static single page o...
services.

For larger organizations and...
organizations may only requi...
a graphic designer and/or inf...
than the domain of a design...

VIAF
Virtual International Authority File

Search

Select Field: All Headings
Select Index: All VIAF
Search Terms:

3 headings found for *Dean Allemang*

	Heading	Type	Sample Title
1	Allemang, Dean	Personal	The Semantic Web 6th International Sem
2	Allemang, Dean	Personal	Semantic web for the working ontologis
3	Allemang, Dean	Personal	

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1 Web development as an in
2 Typical Areas
2.1 Client Side Coding
2.2 Server Side Coding
2.3 Client Side + Server
2.4 Database Technolog
3 Practical Web Developm
3.1 Basic
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6 References
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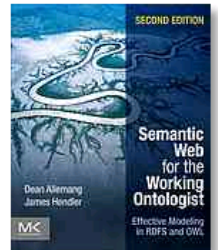**Sign Up** Facebook helps you connect and share with the people in your life.

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Semantic web for the working ontologist : modeling in RDF, RDFS and OWL

The Semantic Web is a web infrastructure for integrating and combining data drawn from diverse sources. The authors' approach to building Semantic Web systems treats the modelling of the Symantic Web like a programming activity.

Table of contents:
What is the semantic web? -- Semantic modeling -- RDF: the basis of the semantic web -- Semantic web application architecture -- RDF and inferencing -- RDF schema -- RDFS-plus -- Using RDFS-plus in the wild -- Basic OWL -- Counting and sets in OWL -- Using OWL in the wild -- Good and bad modeling practices -- OWL levels and logic.

SECOND EDITION
Semantic Web for the Working Ontologist
Dean Allemang James Hendler
Effective Modeling in RDFS and OWL
MK

People

Dean Allemang
Dean Allemang is a computer scientist known for his work on the semantic web. He is the Chief Scientist of TopQuadrant, a Semantic Web company.
Wikipedia page for Dean_Allemang
http://dallemang.typepad.com/

James Hendler
James Hendler (born April 2, 1957) is an artificial intelligence researcher at Rensselaer Polytechnic Institute, USA, and one of the originators of the Semantic Web.
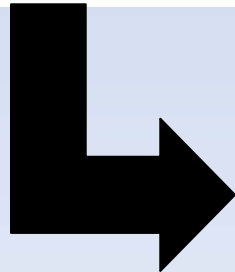
Topics

Some of the topics shown below may not be relevant for this title. That is due to the matching algorithm used in the WorldCat Facebook app, not caused by the underlying WorldCat Linked Data. Matches are found by searching Wikipedia with an OCLC FAST subject heading, and the keyword-matched results can sometimes be off topic.

Web development
Web development is a broad term for the work involved in developing a web site for the Internet or an intranet (a private network). This can include web design, web content development, client liaison, client-side/server-side scripting, web server and network

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Classification as Linked Data

- Make Class K (Law) available through Library of Congress Linked Data Service (http://id.loc.gov)

- Use within Law.gov

  – browsing tool

  – identify like materials

  – demonstrate relationships (broader, narrower, etc.)

Linked Data Classification at LC

- Classification as Linked Data in beta release on http://id.loc.gov

- Classes B (Philosophy, Psychology, and Religion), M (Music), N (Fine Arts), and Z (Bibliography, Library Science, and Information Resources)

- Example: Michelangelo Buonarroti http://id.loc.gov/authorities/classification/ND623.B9.html

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LC Linked Data Service
Authorities and Vocabularies

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LC Name Authority File
LC Classification
LC Children's Subject Headings
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- LC Name Authority File
- LC Classification
- LC Children's Subject Headings
- LC Genre/Form Terms
- Thesaurus for Graphic Materials

- MARC Relators
- MARC Countries
- MARC Geographic Areas
- MARC Languages
- ISO639-1 Languages
- ISO639-2 Languages
- ISO639-5 Languages

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	Label	Vocabulary	Type	Identifier
1.	Buonarroti, Michelangelo, 1475-1564	LC Classification	Topic	NA1123.B9

Fine Arts--Architecture--History--Architecture of special countries--Europe--Italy--Special architects, A-Z--Buonarroti, Michelangelo, 1475-1564 ; Buonarroti, Michelangelo, 1475-1564--Architecture ; Michelangelo Buonarroti, 1475-1564--Architecture

2.	Buonarroti, Michelangelo, 1475-1564	LC Classification	Topic	NA2707.B78

Fine Arts--Architecture--Architectural drawing--Special artists, A-Z--Buonarroti, Michelangelo, 1475-1564 ; Buonarroti, Michelangelo, 1475-1564--Architectural drawing ; Michelangelo Buonarroti, 1475-1564--Architectural drawing

3.	Buonarroti, Michelangelo, 1475-1564	LC Classification	Topic	NC257.B8

Fine Arts--Drawing. Design. Illustration--History of drawing--Special regions or countries--Europe--Italy--Special artists, A-Z--Buonarroti, Michelangelo, 1475-1564 ; Buonarroti, Michelangelo, 1475-1564--Drawing ; Michelangelo Buonarroti, 1475-1564--Drawing

4.	Buonarroti, Michelangelo, 1475-1564	LC Classification	Topic	ND623.B9

BETA

Fine Arts--Painting--History--Special regions or countries--Europe--Italy--Special artists, A-Z

Buonarroti, Michelangelo, 1475-1564

From **Library of Congress Classification**

Details	Visualization

Fine Arts

  Painting

    History

      Special regions or countries

        Europe

        Italy

        Special artists, A-Z

          Buonarroti, Michelangelo, 1475-1564

Hierarchy

URI(s)

> http://id.loc.gov/authorities/classification/ND623.B9

Instance Of

> LCC ClassNumber

> MADS/RDF Topic

Components

> Fine Arts

> Painting *T*

> History *T*

> Special regions or countries *T*

Scheme Membership(s)
> Library of Congress Classification

Codes
> ND623.B9

Variants
> Fine Arts--Painting--History--Special regions or countries--Europe--Italy--Special artists, A-Z--Buonarroti, Michelangelo, 1475-1564
> Buonarroti, Michelangelo, 1475-1564--Painting
> Michelangelo Buonarroti, 1475-1564--Painting

Broader Terms
> Special artists, A-Z

Narrower Terms
> Autobiography. By date
> Biography and criticism
> Individual works of art. Alphabetically by title of work of art and date
> Letters. By date
> Reproductions (Collections). By date
> Speeches, essays, interviews, etc. of the artist. By date

Synthesized From Schedule
> http://id.loc.gov/authorities/classification/cf94127563

Use With Guide Table(s)
> Table of Cutters for artists (first Cutter)
> N6

Change Notes
> 1994-08-19: new

Alternate Formats
> RDF/XML (MADS and SKOS)
> N-Triples (MADS and SKOS)
> JSON (MADS/RDF and SKOS/RDF)
> MADS - RDF/XML
> MADS - N-Triples
> MADS/RDF - JSON
> SKOS - RDF/XML
> SKOS - N-Triples
> SKOS - JSON

Ideas…?

- We would love to hear your ideas and comments

- Updates on the project will be posted to our social media sites:

  – *In Custodia Legis* Blog: http://blogs.loc.gov/law/

  – Twitter: @LawLibCongress

  – Facebook: http://www.facebook.com/lawlibraryofcongress

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Questions and Answers

- Julie Kimbrough   jlkimbro@email.unc.edu
- Emily Feltren   efeltren@aall.org
- David Mao   dmao@loc.gov
- Tina Gheen   tghe@loc.gov
- Andrew Weber   anwe@loc.gov