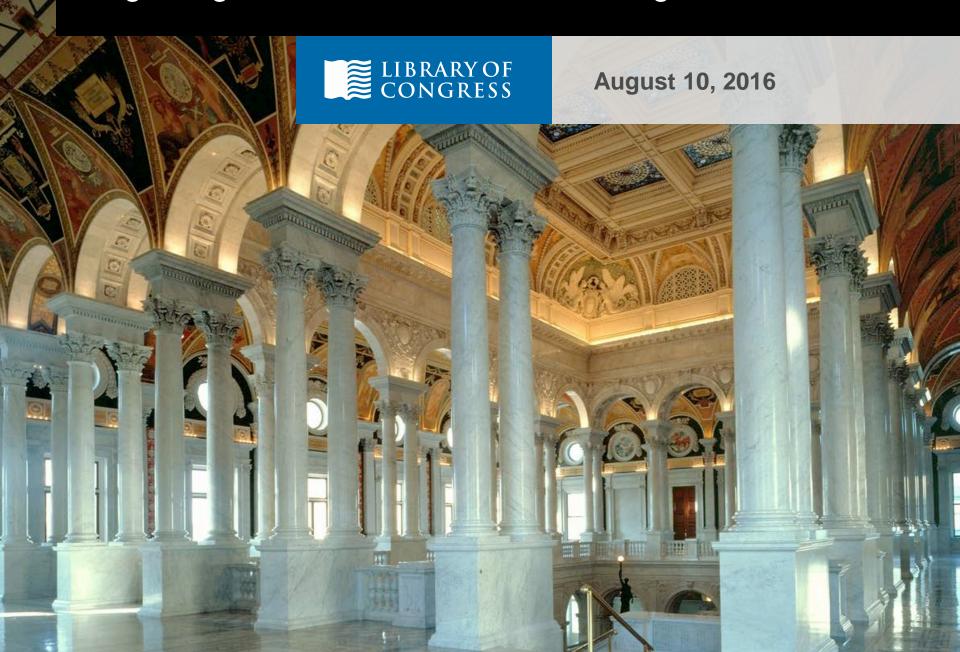
Congress.gov: Access to U.S. Federal Legislative Information



Congress.gov: Access to U.S. Federal Legislative Information

IFLA Pre 2016 Conference: Library & Research Services for Parliaments

"Delivering parliamentary library and research services in an interconnected world."

Library of Congress, Washington D.C., August 10, 2016



Cliff Cohen

Associate Director

Office of Congressional Information and Publishing

Authoritative Information + Objective Analysis = An Informed National Legislature

KNOWLEDGE WILL FOREVER GOVERN IGNORANCE:
AND A PEOPLE WHO MEAN TO BE THEIR OWN GOVERNOURS,
MUST ARM THEMSELVES WITH THE POWER WHICH KNOWLEDGE GIVES.

James Madison

Program Description, Congress.gov

In support of Congress and in collaboration with the Clerk of the House, the Secretary of the Senate, the Government Publishing Office (GPO), and others, the Library of Congress coordinates a legislative branch-wide network to provide Members of Congress, their staff and constituents legislative information that is:

accessible,
accurate,
authoritative,
authorized,
available,

efficiently produced,

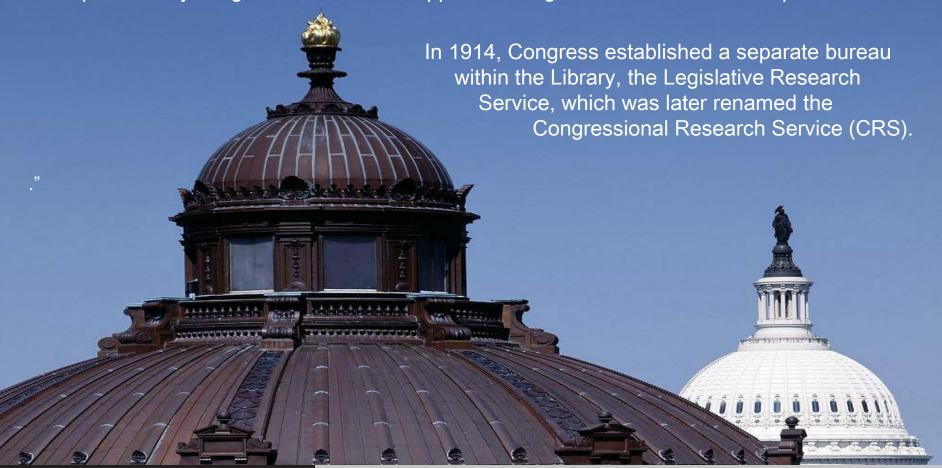
comprehensive,
findable,
integrated,
machine readable,
timely, and
well-organized.

The Constitutional Context

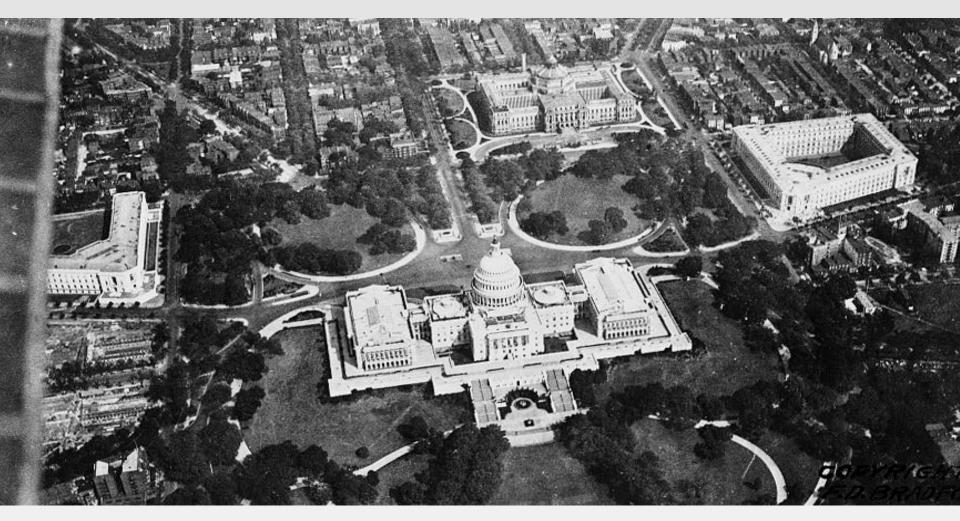
... Each House may determine the Rules of its proceedings... ...Each House shall keep a Journal of its Proceedings, and from time to tome publish the same, excepting such Parts as may in their Judgement require Secrecy; and the Yeas and the Nays of the Members of either House on any question shall at the Desire of one fifth of those Present be entered on the Yournal. be entered on the Journal Article I, Section 5 The Threating the similar that wheel he compand of the threating from each that, chance by the Light state Morey

Historical Roots: 1800 - 1950's

In establishing the Library of Congress in 1800, Congress laid a strong statutory foundation that was then iteratively enhanced over time to enable the Library to provide increasing essential and operationally integrated services in support of Congress's Constitutional responsibilities.



Historical Roots: 1800 - 1950's



Title: [Aerial view of the Capitol, the Library of Congress, Cannon House and Russell Senate buildings in Washington, D.C.] / F.D. Bradford; Contributor Names Bradford, F. D., photographer Bradford, F. D., copyright claimant; Created / Published c1919 March 24

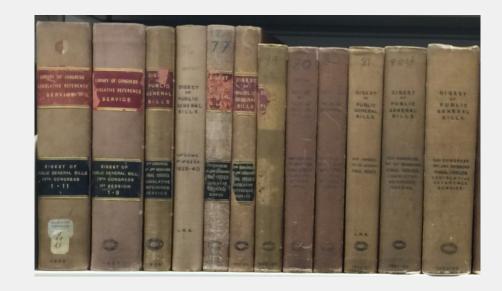
Historical Roots: 1800 – 1950's



From left, Catherine McGruder, Kitty Lillens and Mr. Anderson at work, 1941 LOC Prints and Photograph Division, (Evans)

Decades of publishing periodic and final hardbound volumes for congressional use and dissemination to depository libraries began in January 1936.

In 1935, Congress directed and funded LRS to prepare Bill Digests (a.k.a., Bill Summaries) and for them to be made publicly available.



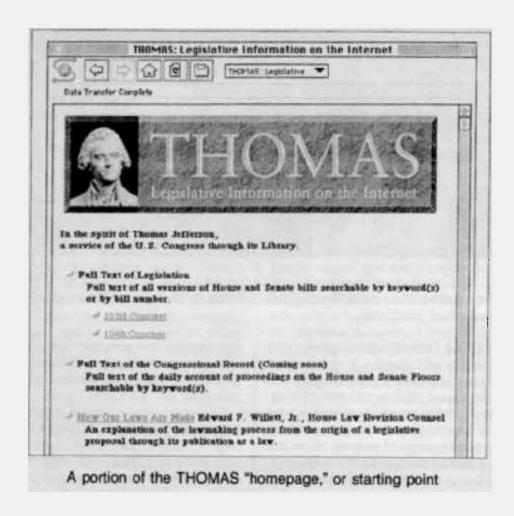
Historical Roots: 1960's – Early 1990's



From left to right: George R. Perreault, head of the Data Processing Office, standing at the computer storage unit; Ernest Acosta Jr., digital computer programmer, working at the card reader unit; and Joseph B. Murphy, digital computer programmer, inserting a new tape in one of the tape units. Jan. 20, **1964**

In 1975, Congress was provided terminal based access to legislative data through the Library of Congress SCORPIO mainframe computer system.

By the early 1990's, the House, Senate, and GPO all had initiated or were envisaging legislative information related efforts in support of their respective missions and operational needs...



1995 – First Release of the publicly available THOMAS website

Duplication

Duplication

Duplication led to:

Duplication

The Committee on House Administration and the Senate Committee on Rules and Administration have indicated that there are several instances where Congressional information systems may be generating or tracking duplicate information.

H. Rept. 103-517 accompanied P.L.103-283, Legislative Branch Appropriations Act, 1995

...The Library of Congress should consult with and enlist the support of House Information Systems, Senate information collection and processing entities, GPO, GAO, and other appropriate legislative agencies...

H Rept. 104-141

U.S. Code: Title 2, Chapter 5 – Library of Congress

§ 180. Legislative information retrieval system

(a) Purpose

...reduce the cost of information support for the Congress by eliminating duplication among systems which provide electronic access by Congress to legislative information.

(b) "Legislative information" defined

..."legislative information" means information, prepared within the legislative branch, consisting of the text of publicly available bills, amendments, committee hearings, and committee reports, the text of the Congressional Record, data relating to bill status, data relating to legislative activity, and other similar public information that is directly related to the legislative process.

(c) Development of single system to serve entire Congress

...the Library of Congress or the entity designated by that plan shall develop and maintain, in coordination with other appropriate entities of the legislative branch, a single legislative information retrieval system to serve the entire Congress.

(d) Development and approval of plan

....to identify and **eliminate redundancies in congressional information systems...must** be approved by the Committee on Rules and Administration of the Senate, the Committee on House Oversight of the House of Representatives, and the Committees on Appropriations of the Senate and the House of Representatives....provide ...regular status reports on the development of the plan.

(e) Availability of information to public

.....shall examine issues regarding **efficient ways to make this information available to the public.** (Pub. L. 104–53, title II, § 209, Nov. 19, 1995, 109 Stat. 532.)

The Congressional Research Service "...in consultation with the Secretary of the Senate and the heads of the appropriate offices and agencies of the legislative branch, shall coordinate the development...", and the "... Library of Congress shall...provide technical staff and resources as may be necessary." H. Rept. 104-733 accompanied P.L. 104-53, Legislative Branch Appropriations Act, 1997



Title:[Aerial view of Capitol Hill featuring the Library of Congress Thomas Jefferson Building behind the U.S. Capitol, Washington, D.C.]; Contributor: Highsmith, Carol M., 1946-, photographer; Created/Published: 2007





CONGRESS THIS WEEK

Senate: Bills This Week

Senate: Floor Debate Today (Senate only)

House: Bills This Week

House: Floor Proceedings Today

LEGISLATIVE BRANCH

U.S. Senate (public) -- Webster (Senate only)
U.S. House (public) -- Support (House only)
-- House Intranet (House only); -- MIN
Congressional Research Service
Government Printing Office
Congressional Budget Office
General Accounting Office
Library of Congress -- SCORPIO
Public Resources (a list via LOC) -- THOMAS

QUICK SEARCH

Bill/Amendment/Law Number

Word/Phrase Member Name Committee Name

Stage in the Legislative Process

SEARCH IN THESE FILES

Bill Summary and Status: 105, 104
Legislation Full Text: 105, 104, 103
Congressional Record Full Text: 105, 104, 103
CR Index: 105-1st, 104-2nd, 104-1st, 103-2nd
Committee Reports Full Text: 105, 104
CRS Issue Briefs: Full Text
Historical Documents via THOMAS

1997 - First Release of LIS, a Congress-only Legislative Information System

105th CONGRESS—A CRS REPORT: KEY ISSUES AND EARLY AGENDA

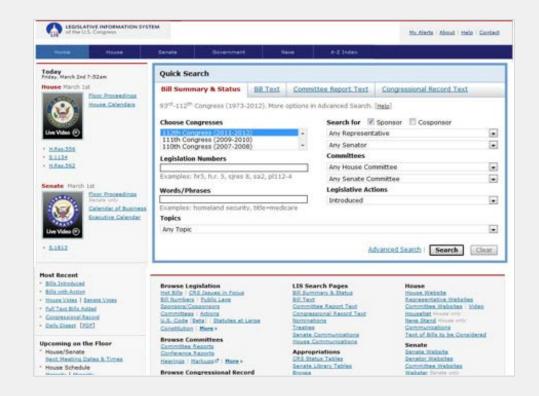
105th CONGRESS—MAJOR LEGISLATION: TOPIC POPULAR/SHORT TITLE BILL NO./TYPE LAWS

104th CONGRESS—MAJOR LEGISLATION: TOPIC POPULAR/SHORT TITLE BILL NO./TYPE LAWS

Historical Roots: 2000-2007



2006 - Last major release of LIS



Historical Roots: 2008-2010, Time for Modernization, from:



"Spaghetti Code"

Time for Modernization, to:



Historical Roots: 2008-2010, Time for Modernization



Historical Roots: 2008-2010, Time for Modernization



Congress.gov, Start of the Modernization

"Three Sturdy Legs to Stand On"

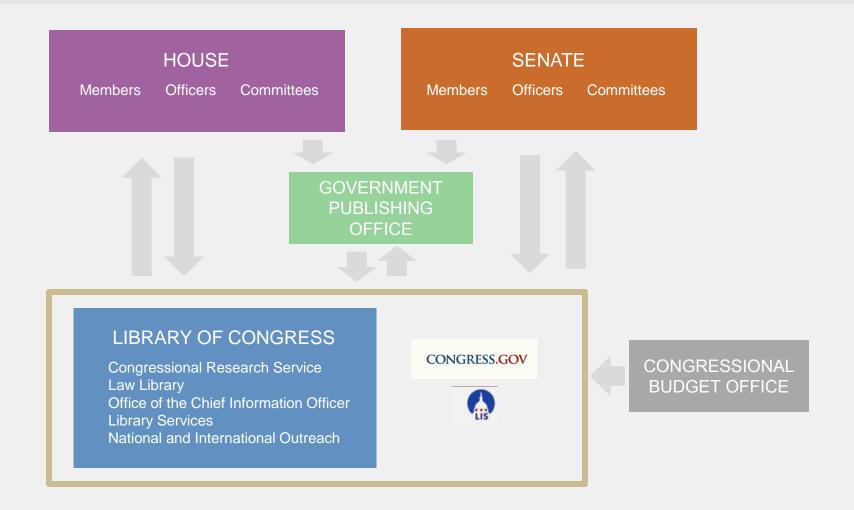


Web Interface

Legislative Tools

Legislative Information Exchange

A Legislative Branch-wide Partnership



Congress.gov Related Services

Legislative Analysis and Summarizing of Bills (~16,000/Congress)

Help desk support – Congress and for the Public

Enhancement and Q/A of House and Senate data

Training: "train the trainers," video's, webcasts

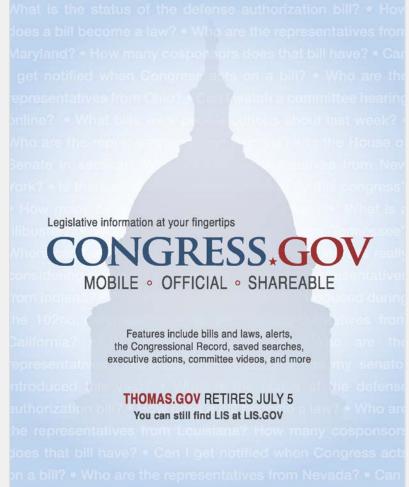
Educational Outreach

Systems Life Cycle Coordination, Development and Operational Support

Modernization: 2011 to 2018 (and beyond)



July 5, 2016



Congress.gov Program Goals

- Every Year:
 - 24x7 system availability
 - A model for attentive, trusted, and high value service
- For 2018:
 - Retirement of all Legacy systems
 - Next set of priorities are established

Congress.gov Collections

Legislation

Legislation Text

Congressional Record

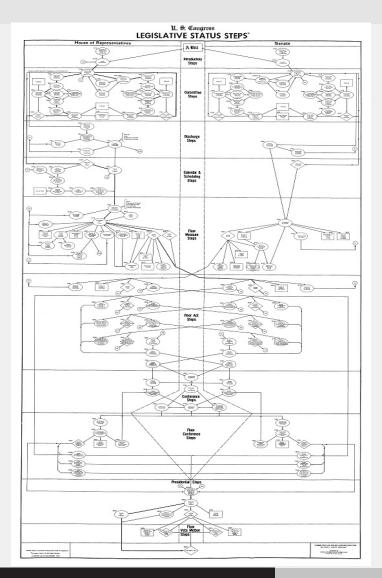
Committee Reports

Nominations

Treaty Documents

Communications

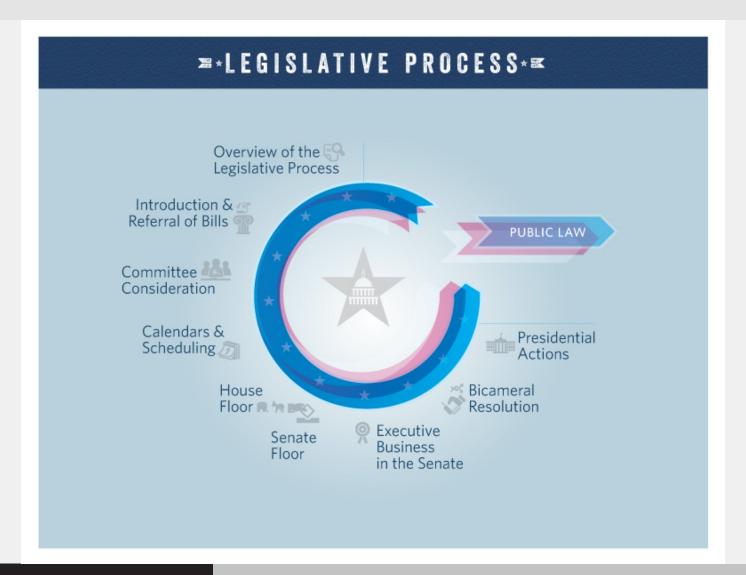
The Legislative Process



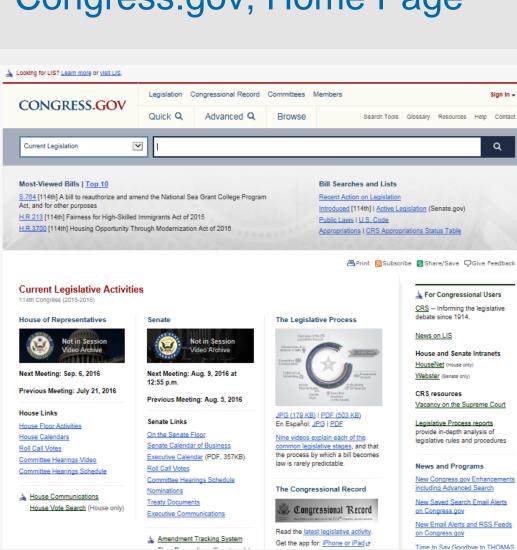
Title: U.S. Congress legislative status steps / Committee on House Administration, Wayne L.

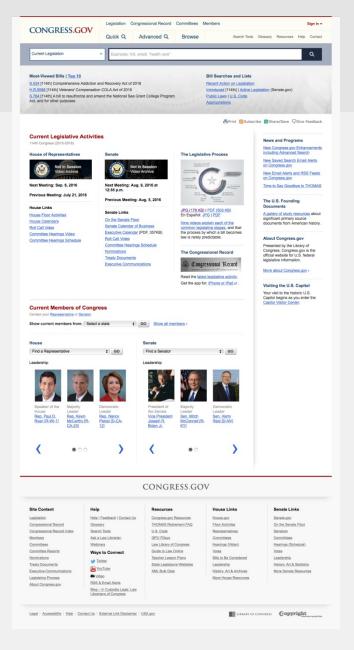
Hays, Chairman; prepared by House Information Systems Staff, Frank B. Ryan, Director. Published, Washington, D.C.: Government Printing Office, 1975, https://www.loc.gov/item/2012648836/

Congress.gov, the Legislative Process



Congress.gov, Home Page

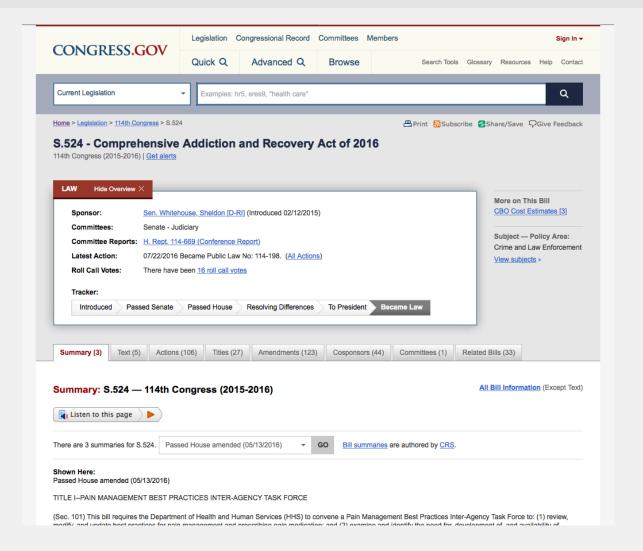




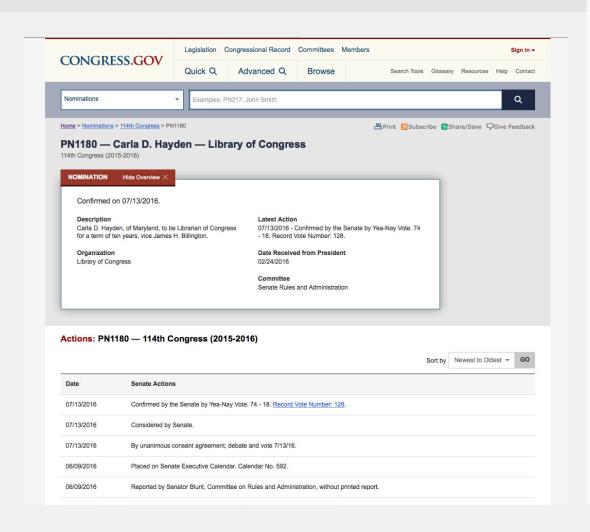
Congress.gov, "Quick Search" Pages

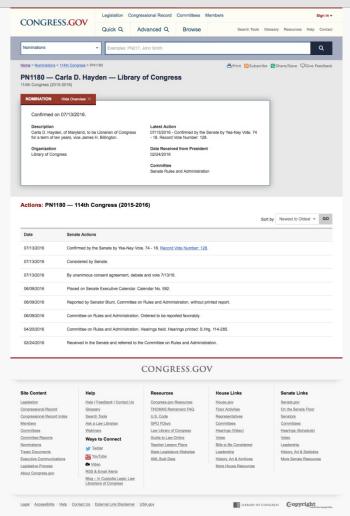
Legislation Legislation Te	xt Congression	al Record	Committe	ee Reports	Nominations	Treaty Docume	ents More		
93rd-114th Congress (1973-2016)	About Legislation						Ва	ack to mai	n searci
Congress				Search I	For Sponso	or Cosponsor			
All Congresses 114 (2015-2016)				Any Re	presentative				‡
113 (2013-2014) 112 (2011-2012) 111 (2009-2010)				Any Se	nator				‡
Legislation and Law Number	s			Commit	tees				
Examples: hr5, h.r.5, sjres 8, sa2, pl114-4			Any House Committees					‡	
Words and Phrases Include bill text in this search	1				nate Committee	s			‡
Examples: "Trade Relations", "Export Control"			Legislative Actions Any Legislative Action						
☑ Word Variants ☐ Case Ser	sitive			Ally Lo	gislative Action				*

Congress.gov, Bill Object Page



Congress.gov, Nomination's Page, Dr. Carla D. Hayden





Future Directions and Challenges

Complete the Initial Modernization



Web Interface

Legislative Tools

Legislative Information Exchange

Future Directions and Challenges

US and International Data Initiatives

•U.S. Code in USLM (United States Legislative Markup) XML

The Office of Law Revision Counsel released downloadable XML files, the schema, and a user guide in 2013

http://uscode.house.gov

Markup of U.S. Legislation in Akoma Ntosa

Library of Congress sponsored data challenges to draft and transform Congressional bill texts into Akoma Ntosa in 2015

http://akoma-ntosa-markup.challenge.gov/

Bill Status Data in XML

House, Senate, GPO and LOC made bill status data available in bulk XML in 2015

https://www.congress.gov/about/data

Future Directions and Challenges



Work with Congress and others on prioritizing:

- Personalization
- Geospatial?
- Bill Comparison?
- Historical Collections?
-

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Cliff Cohen

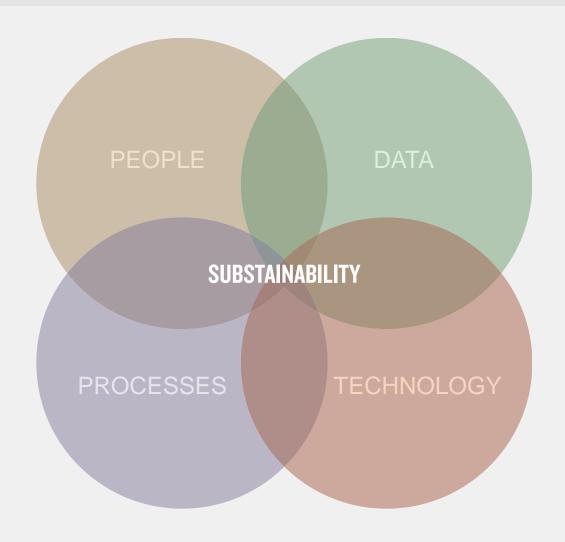
Associate Director

Office of Congressional
Information and Publishing
Congressional Research Service

Email:ccohen@crs.loc.gov

URL: congress.gov

Sustainability



Users and Usage, Service to Congress

Primary User Groups:

- Members of Congress
- Secretary of the Senate and House Clerk Staff
- Congressional staff (Committee's and Member Offices)
- CRS staff (Policy and Legislative Analysts; Information Specialists)
- Beginners, new Congress.gov users

Usage Statistics:

- Congress.gov vs. Legacy LIS
- Daily and Repeat Usage
- Most Popular Pages
- How they visit us

Users and Usage: Service to the Public

- Policy analysts and political scientists
- Law librarians
- Lawyers
- Civil society groups and transparency advocates
- Journalists and media
- Data analysts, data scientists
- Legal scholars, historians, researchers

- Undergraduate, graduate students (including law students)
- K-12 teachers
- Concerned citizens (communities and individuals)
- Lobbyists
- Curious citizens

