Bulk Data Task Force meeting

July 9, 2019

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The House Bulk Data Task Force

The Bulk Data Task Force is a partnership of representatives from the various Legislative Branch Agencies such as:

- House of Representatives,

- Senate,

- Library of Congress,

- Government Publishing Office,

- Government Accounting Office

that work in a cooperative manner to coordinate and accomplish openness and transparency goals.

The House Bulk Data Task Force

- created in 2012 to focus on increased dissemination of congressional information via <u>bulk data</u>

- meets internally with Leg. Branch organizations to coordinate projects and other transparency initiatives

- meets with civil society organizations

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Projects

PAST:

- 2013: Bills in XML in bulk; US Code in XML; docs.house.gov repositories

- 2014: Bill Summaries in XML in bulk; Member data in XML; Data Challenges

- 2015: Bill Status in bulk

- 2016: House Rules in XML; bill status in bulk

- 2017: Posey Comparative print rule adopted; tools built

- 2018: More docs in USLM project, as well as others, are underway.

Tech timeline:

https://xml.house.gov/resources/TechTimeline.htm

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PREPARE

MANAGE

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DISTRIBUTE

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ARCHIVE

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110TH CONGRESS
1ST SESSION

H. R. 3712

To designate the Federal building and United States courthouse located at 1716 Spielbusch Avenue in Toledo, Ohio, as the "James M. & Thomas W.L. Ashley Customs Building and United States Courthouse".

IN THE HOUSE OF REPRESENTATIVES

OCTOBER 1, 2007

Ms. KAPTUR introduced the following bill; which was referred to the Committee on Transportation and Infrastructure

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A BILL

To designate the Federal building and United States courthouse located at 1716 Spielbusch Avenue in Toledo, Ohio, as the "James M. & Thomas W.L. Ashley Customs Building and United States Courthouse".

1 *Be it enacted by the Senate and House of Representa-*
2 *tives of the United States of America in Congress assembled,*
3 **SECTION 1. JAMES M. & THOMAS W.L. ASHLEY CUSTOMS**
4   **BUILDING AND UNITED STATES COURT-**
5   **HOUSE.**
6 (a) DESIGNATION.—The Federal building and United
7 States courthouse located at 1716 Spielbusch Avenue in
8 Toledo, Ohio, shall be known as the "James M. & Thomas

1 W.L. Ashley Customs Building and United States Court-
2 house".
3   (b) REFERENCES.—Any reference in a law, map, reg-
4 ulation, document, paper, or other record of the United
5 States to the Federal building and United States court-
6 house referred to in subsection (a) shall be deemed to be
7 a reference to the "James M. & Thomas W.L. Ashley Cus-
8 toms Building and United States Courthouse".

○

The paper version is the official document of record.

https://geobrava.files.wordpress.com/2015/12/8787-
mobile_2d00_device_2d00_security.jpg

Online means more than just the electronic representation of the paper document

https://www.loc.gov/exhibits/civil-rights-act/images/cr0162_enlarge.jpg

Answer:
Machine-readable formats such as XML and JSON

Roadmap for More Docs in USLM

Completed	U.S. Code
Completed	Enrolled bills, Public Laws, and Statutes at Large
A	HOLC/SOLC compilations (non-positive law)
B	Remaining bill/resolution versions (introduced, reported, engrossed, all amendments, et. al.)
C	Committee Reports
D	House portions of the *Congressional Record*, including the *Daily Digest*
E	Hearing Record
F	House Calendar
G	*Precedents of the U.S. House of Representatives*
H	*House Journal*

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More information

Clerk testimony before Legislative Branch subcommittee (Committee on Appropriations):

March 12, 2019

https://docs.house.gov/Committee/Calendar/ByEvent.aspx?EventID=109069

Clerk testimony before Committee on House Administration

April 9, 2019

https://docs.house.gov/Committee/Calendar/ByEvent.aspx?EventID=109268

Deputy Clerk testimony before Committee on House Modernization

May 10, 2019

https://docs.house.gov/Committee/Calendar/ByEvent.aspx?EventID=109468

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More information

- USGPO.GITHUB.IO/INNOVATION/
  - Code is available on github; pull requests taken from all
  - Uses the United States Web Design System
    - DESIGNSYSTEM.DIGITAL.GOV
    - Responsive design removes the needs for a mobile app
- XML.HOUSE.GOV
  - Legacy website, circa 1998
  - Manually updated infrequently using basic HTML coding

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116th Congress

UPDATES

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Consensus Calendar

- Section 102 (r) of H. Res. 6
- Eligibility for placement on the Consensus Calendar
    - Accumulate 290 cosponsors
    - Maintain 290 cosponsors for 25 legislative days
    - Cannot be reported from committee with primary jurisdiction
- After placement on Calendar, the Speaker must designate, and the House consider, at least one measure during any week the House convenes.
- https://clerkpreview.house.gov/ConsensusCalendarMotions

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Consensus Calendar (cont'd)

Under clause 7 of rule XV, motions to place the following measures on the Consensus Calendar have been filed:

Motion 1, May 16, 2019, by Mr. Wilson (SC) on H.R. 553 *

Motion 2, May 21, 2019, by Mr. Courtney on H.R. 748

Motion 3, May 23, 2019, by Mr. Schrader on H.R. 693

Motion 4, June 18, 2019, by Ms. Lofgren on H.R. 1044

Motion 5, June 25, 2019, by Mr. Garamendi on H.R. 550

may reach 25 legislative days on Thursday, 7/11/2019

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Live.House.Gov

- Beta version
- Streaming using Azure Media Services
- Consuming a Clerk API from XML sources
- Consuming GPO/LOC bill data
- Responsive Design

- Deployment in July, 2019

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Clerkpreview.House.Gov

- Streaming using Azure Media Services
- Consuming a Clerk API from XML sources
- Consuming GPO/LOC bill data
- Responsive Design

- Deployment in August, 2019

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Things to know about the website updates

Clerkpreview.house.gov will become clerk.house.gov

- We are trying not to break anything related to the XML files.

- Web scraping will be broken since the pages between the old and new sites are different.

- The Library section is going away. The content is being moved to more relevant sections.

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Posey Comparative Prints

A New House Rule

The House Rules call for greater transparency and accessibility to legislative documents.

Clause 12 to House Rule XXI

- currently being called the Posey Comparative Print rules.

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Posey Comparative Print rules

Clause 12(a) calls for a document that illustrates changes a bill is making to current law.

- *How does H.R. 123 change the Social Security Act (non-codified law) and 38 USC 321 (codified law)?*

Clause 12(b) calls for a document-to-document comparison between different versions of bill language.

- *How does the Rules Committee Print differ from the bill reported from committee?*

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Short Term Work

- Met the December 31, 2017 deadline

- Post the comparative prints (PDF and XML formats) on rules.house.gov and docs.house.gov websites

Long term vision

Build a platform for staff to create on-demand static comparative prints that illustrate the changes between:

- An amendment with proposed bill language (Amendment Impact)

- An bill, resolution or amendment to current law (codified and non-codified law) (a Posey/Ramseyer-like Statutory Changes document)

- A bill, resolution or amendment with another bill, resolution or amendment (Comparing one "bill" version with another "bill" version)

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What do the Natural Language Processors need to do?

Section 704 of the Homeland Security Act of 2002 (6 U.S.C. 344) is amended—

    (1) in subsection (b)—

        (A) in paragraph (1)—

            (i) by inserting ", including with respect to leader development and employee engagement," after "policies";

            (ii) by striking "and in line" and inserting ", in line"; and

            (iii) by inserting "and informed by best practices within the Federal government and the private sector," after "priorities,";

CIMPL: Citation Modeling and Processing Language

Example	CIMPL
Section 127 of title 23, United States Code	law("united states code"):title("23"):section("127")
Section 170(e)(3)(C) of the Internal Revenue Code of 1986	law("internal"+"revenue"+"code"+"of"+"1986"): section("170(e)(3)(C)")
Section 170(e)(3)(C) of such Code, as amended by subsection (a)	((this#component(act)):section("170(e)(3)(C)"))#dependency(amended,subsection("(a)"))
The table of sections for part VIII of subchapter F of chapter 1 of the Internal Revenue Code of 1986	law("internal"+"revenue"+"code"+"of"+"1986"): chapter("1"):subchapter("f"):part("viii"):toc
The table of sections at the beginning of such chapter	(this#component(chapter())):is_beginning(toc)
The item relating to section 70507 in the table of sections for chapter 705 of title 51, United States Code	law("united states code"):title("51"):chapter("705") toc:related_item(section("70507"))
The third sentence of section 9006(c) of such Code	(this#component(act)):section("9006(c)"):nth(3,sentence)

Other updates

- New version of BioGuide.Congress.gov

    - New CMS back-end and new public facing site

- Standardized committee witness forms

    - Used by committees; posted on docs.house.gov

- Managing cosponsor information

- Unique IDs for lobbyists

- Feed for House Floor Votes

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Thank you

Kirsten Gullickson

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U.S. House of Representatives

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For more information:
XML.HOUSE.GOV
USGPO.GITHUB.IO/INNOVATION/

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