Housekeeping Items

The meeting will be recorded and posted online at https://usgpo.github.io/innovation/

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Use the "raise hand" feature during the Q&A portion so we can unmute your mic.

Make sure the name displayed is you. Using the chat, please share a little about yourself. Suggestions: your name, where you work, and expectations for this meeting.

Meeting will start at ~2:02 pm and end at 4:00 pm EST

The Congressional Data Task Force

Public Meeting
Tuesday, December 13, 2022

The Congressional Data Task Force

The Task Force is a partnership of representatives from various Legislative Branch Agencies including the—

- 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 Congressional Data Task Force

- The Bulk Data Task Force was created in 2012 to focus on increased dissemination of congressional information via <u>bulk data</u>
- *current work goes beyond bulk data*
- ➢ meets internally with Legislative Branch organizations to coordinate projects and other transparency and modernization initiatives
- ➢ meets with civil society organizations

The name changed to the Congressional Data Task Force on June 21, 2022

Legislative Branch Innovation Hub

https://usgpo.github.io/innovation/

AGENDA

1. Welcome and Background
2. Change of Congress activities in the House and the Senate
3. Reports/Updates from civil society organizations
4. Reports/Updates from LOC, GPO, House, Senate
5. Time for Discussion/Questions and Answers
6. Announcements/Closing

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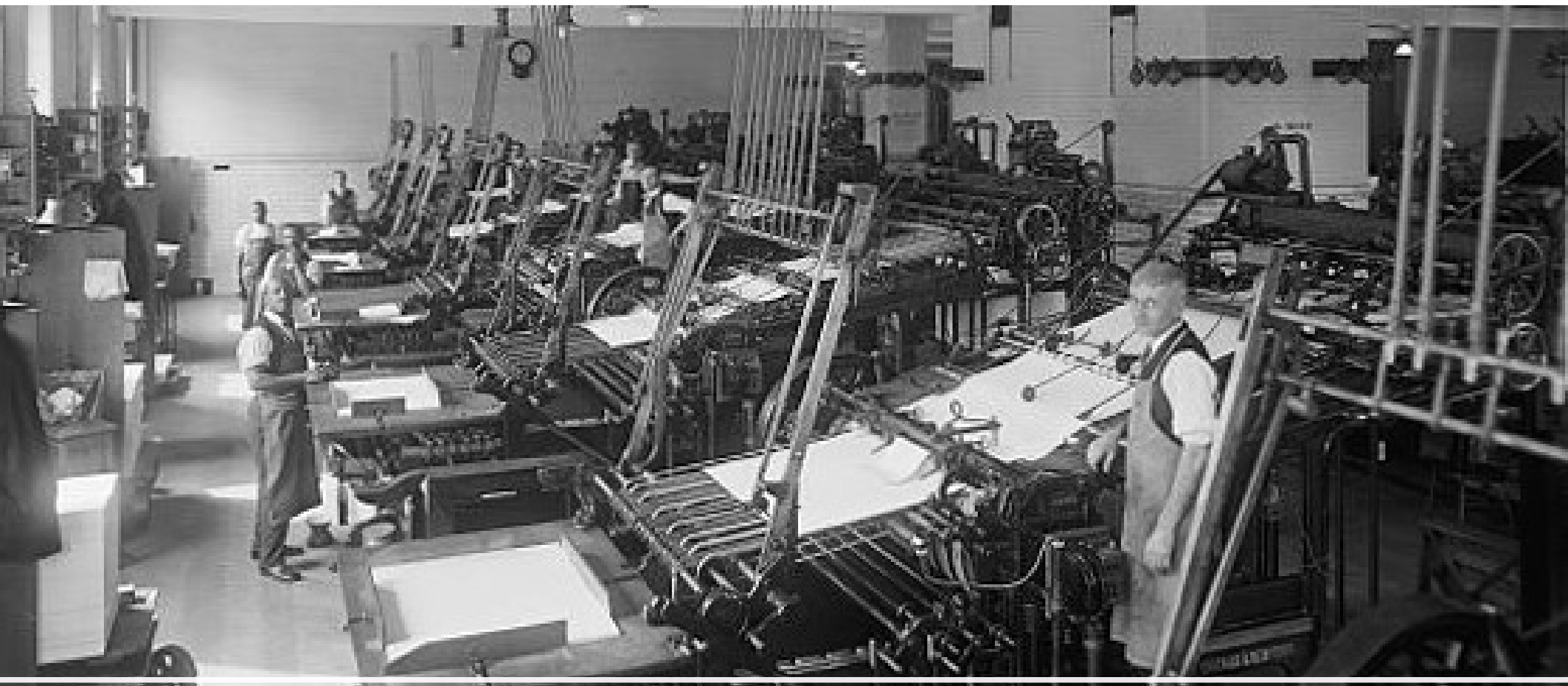*Meeting will start at ~2:02 pm and end at 4:00 pm EST*

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

PREPARE

MANAGE

DISTRIBUTE

ARCHIVE/PRESERVE

I

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

———————

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

2

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".

○

•HR 3712 IH

The paper version is the official document of record.

Adding a digital layer to a centuries-old paper process

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

The Solution

Structured Data

Formats: XML, JSON, HTML…

GPO Developer Hub at GovInfo.gov/developers

The three characteristics that documents share:

- **Presentation:** how the content looks
- **Structure:** how the content is organized
- **Semantics:** what does it mean

Roadmap for Publishing Legislative Documents in USLM XML Format[1]

Completed	U.S. Code
Completed	Enrolled bills, public laws, and the Statutes at Large
Completed	HOLC/SOLC statute compilations
IN PROGRESS *Initiated*	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*

The Solution: XML
USLM schema

Legislative Branch Innovation Hub

About the Hub   Leadership Support   Data Standardization   **Reports**   Events   Resources

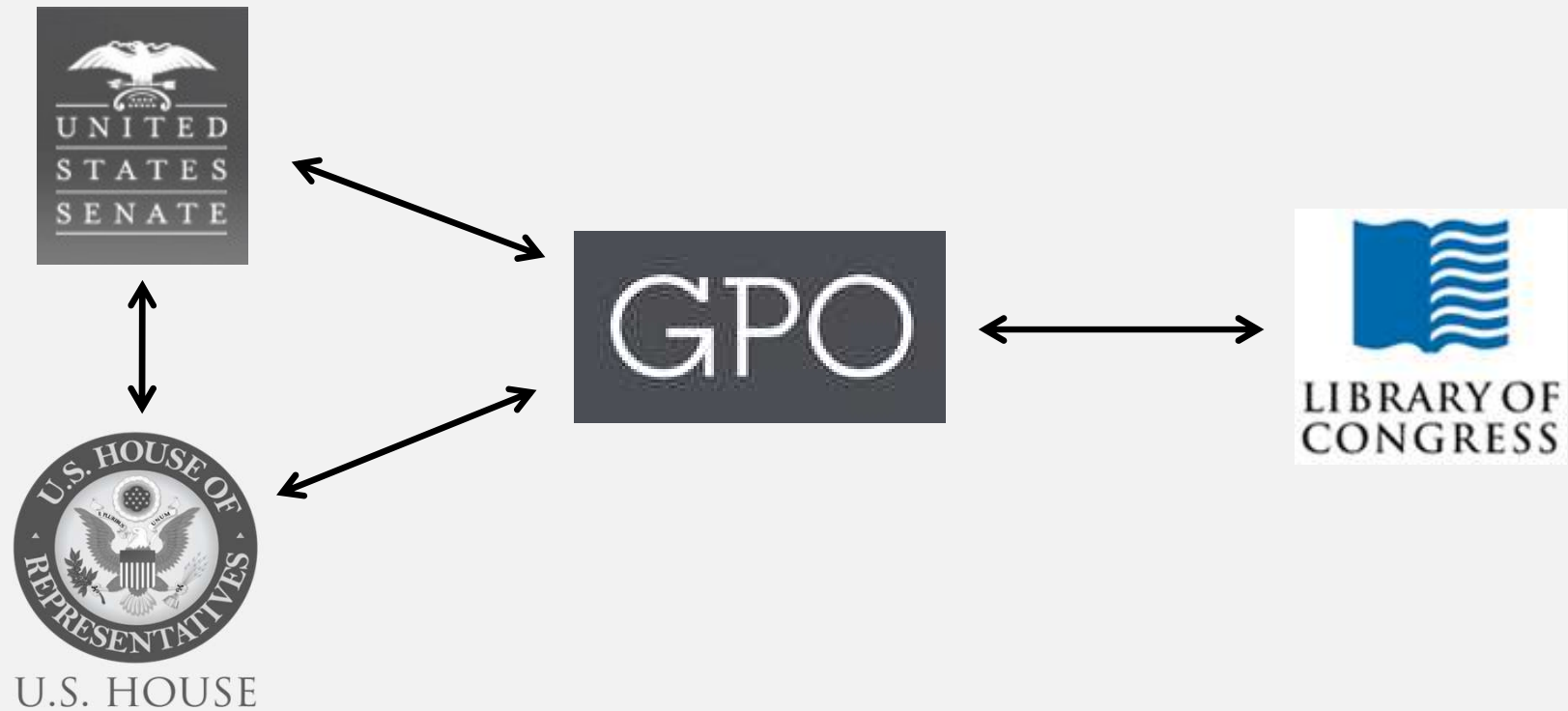# Reports

Standardized Formats for Legislative Documents, USLM

- Initial Report - Required by Section 501 of House Resolution 756 of the 116th Congress - PDF

- Quarterly Report 1 - October 15, 2020 - PDF

- Quarterly Report 2 - January 15, 2021 - PDF

- Quarterly Report 3 - April 15, 2021 - PDF

- Quarterly Report 4 - July 15, 2021 - PDF

- Quarterly Report 5 - October 15, 2021 - PDF

- Quarterly Report 6 - January 15, 2022 - PDF

- Quarterly Report 7 - April 15, 2022 - PDF

//usgpo.github.io/innovation/reports/

The Solution:
JSON
HTML

Continued excitement about

- the release of the Congress.gov API

- upcoming release of responsive HTML for bill text

- Work being done regarding USLM and data modeling

Data Exchange: Simple

More comprehensive workflows can be found on the Innovation Hub:
https://usgpo.github.io/innovation/resources/

...since the last meeting

Next on the Agenda
Legislative Branch organizations

Change of Congress Tasks in the House and the Senate

Congressional Redistricting

Gain one	Gain two	Stay the Same	Lose one
Five • Colorado • Florida • Montana • North Carolina • Oregon	One • Texas	37	Seven • California • Illinois • Michigan • New York • Ohio • Pennsylvania • West Virginia

118th Congress Members-elect

Representatives

- 222 Republicans
- 212 Democrats

Delegates/Resident Commissioner

- 3 Republicans
- 3 Democrats

- 67 returning Members have new district numbers
- 74 Members-elect serving for the first time.
- One (1) non-consecutive returning Member

- *One election outstanding: recount in CO-03*
- *One vacancy due to the death of Rep. McEachin*

Unique Identifiers

Members

BioGuide IDs
— A000370

https://bioguide.congress.gov/search/bio/A000370
https://clerk.house.gov/members/A000370

House Committees/Subcommittees

Historic four-digit code
— AG00

https://clerk.house.gov/committees/AG00
https://clerk.house.gov/committees/AG14

Release of Data

- Members-elect data may be released later this month
- Official Member data will be released for the 118th Congress on opening day

------

- For duplicate name and salutations such as Ms/Mrs, use
  - https://clerk.house.gov/member_info/duplicate-names-117.pdf
  - *Has a change log on the back page that is helpful throughout the Congress.*

Next on the Agenda
Legislative Branch organizations

Change of Congress Tasks in the Senate

Q&A/Discussion

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Next on the Agenda

Reports/updates from civil society organizations and others

Next on the Agenda
Legislative Branch organizations

Reports from
- The House CAO's office
- The Senate Secretary's Office
- The Government Publishing Office
- The Library of Congress
- The House Clerk's Office

Q&A/Discussion

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Comparative Print Suite

Three types of comparisons

Document to document

Amendments contained in a legislative proposal to current law   Changes in existing law (Ramseyer/Cordon)

Amendments to legislative proposal   Committee amendments

Floor amendments

Changes to existing law

What do the Natural Language Processors need to do?

- Recognize
- Interpret
- Retrieve
- Execute

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,";

CLERK | UNITED STATES HOUSE *of* REPRESENTATIVES

Challenges: Finding provisions in Federal Law

No single unified code

Draft to several sources

- U.S. Code
- Statutes at Large
- Statute Compilations
- Other law (Revised Statutes of the United States, Uniform Code of Federal Evidence, Tariff Tables,…)

No single effective date; conditional effective dates

TRUST

- Drafter: Improves QA/QC while drafting

- Member: Can visually see the current law

- The Public: provides transparency and further insight on the Rule of Law

- Machine Learning: Hand-crafted semantics for our domain

The user notification system

If the changes to the existing law cannot be executed

- due to a drafting error,
- an error in the current law dataset, or
- an error in the solution itself (*unsupported instruction, something else*).

- It also alerts the user to when an amendment proposed in the bill has already been executed into current law.

Bill to bill differences

"(b) Chair; Membership.—The Administrator shall designate a representative to serve as the Chair of the advisory board. In addition to the Chair, the membership of the advisory board shall include ~~the Director of the Office of Personnel Management;~~—

"(1) the Deputy Director for Management of the Office of Management and Budget;

"(2) the Director of the Office of Personnel Management;

"(3) the Administrator of the Office of Electronic Government of the Office of Management and Budget;

"(4) the Assistant to the President and Chief Technology Officer; and

"(5) other individuals as may be designated by the Administrator.

Changes and Differences

Comparison variation one

"(b) Chair; Membership.—The Administrator shall designate a representative to serve as the Chair of the advisory board. In addition to the Chair, the membership of the advisory board shall include—

"(1) the Deputy Director for Management of the Office of Management and Budget;

"(2) the Director of the Office of Personnel Management;

"(3) the Administrator of the Office of Electronic Government of the Office of Management and Budget;

"(4) the Assistant to the President and Chief Technology Officer; and

"(5) other individuals as may be designated by the Administrator.

Changes and Differences | Comparison variation two

Demonstration

Q&A/Discussion

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Resources

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Next
Meeting

TBD: First quarter of 2023

Thank you

Kirsten Gullickson

Office of the Clerk
U.S. House of Representatives

Kirsten.Gullickson@mail.house.gov

For more information:
USGPO.GITHUB.IO/INNOVATION/

Thank you for attending!

Congressional Data Task Force – Public Meeting
Tuesday, December 13, 2022