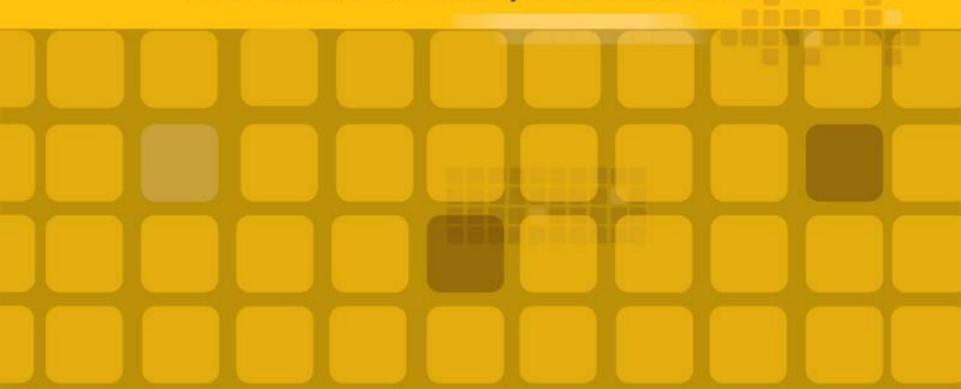








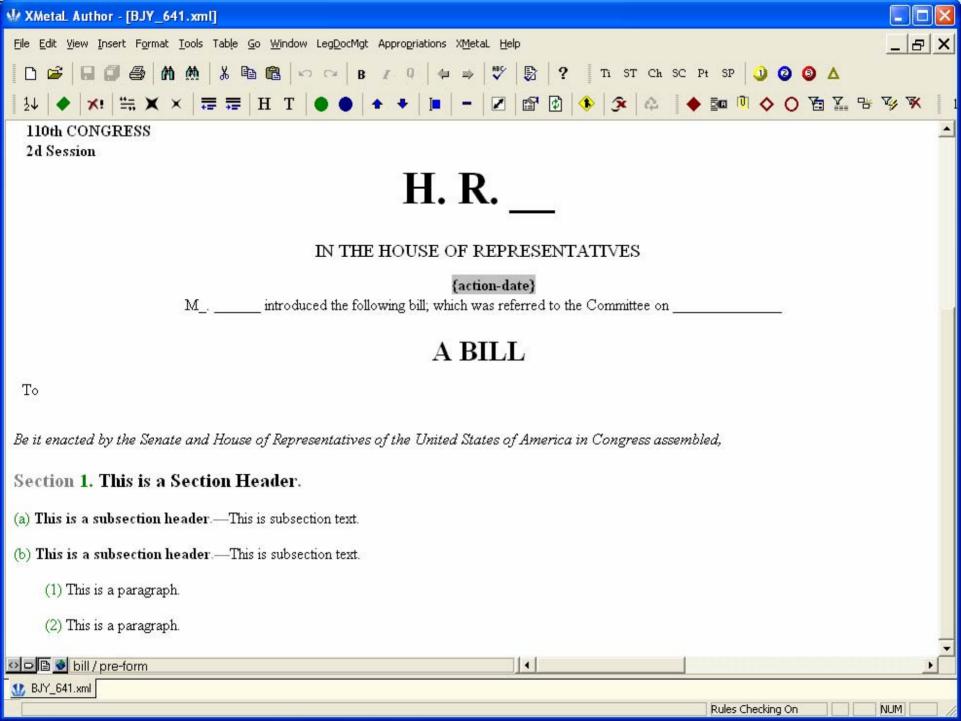
25 - 26 November 2008 // European Parliament // Brussels



Drafting Legislation Using XML in the U.S. House of Representatives

Kirsten Gullickson, Senior Systems Analyst House of Representatives of the United States of America

For more information: http://xml.house.gov



Who uses the XML editor?

House Office of Legislative Counsel

- Main drafters of House legislation, est. in 1919;
- 3,108 bills and resolutions introduced in 2008;
- 35 attorneys and 15 support staff;
- Attorneys are non-partisan; Attorneys develop expertise in particularly areas of the law, as well as legislative drafting expertise.

House Enrolling Clerks

- Prepare official engrossed version that passed the House and the official enrolled version that passed both chambers;
- 978 bills and resolutions passed the House in 2008; 99 bills originating in the House, passed both chambers, and were enacted into law.

Government Printing Office

 Prepares and publishes copies of the legislation for use by Congress; makes copies available to libraries and the general public. 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

1 W.L. Ashley Customs Building and United States Court-

2 house".

(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".

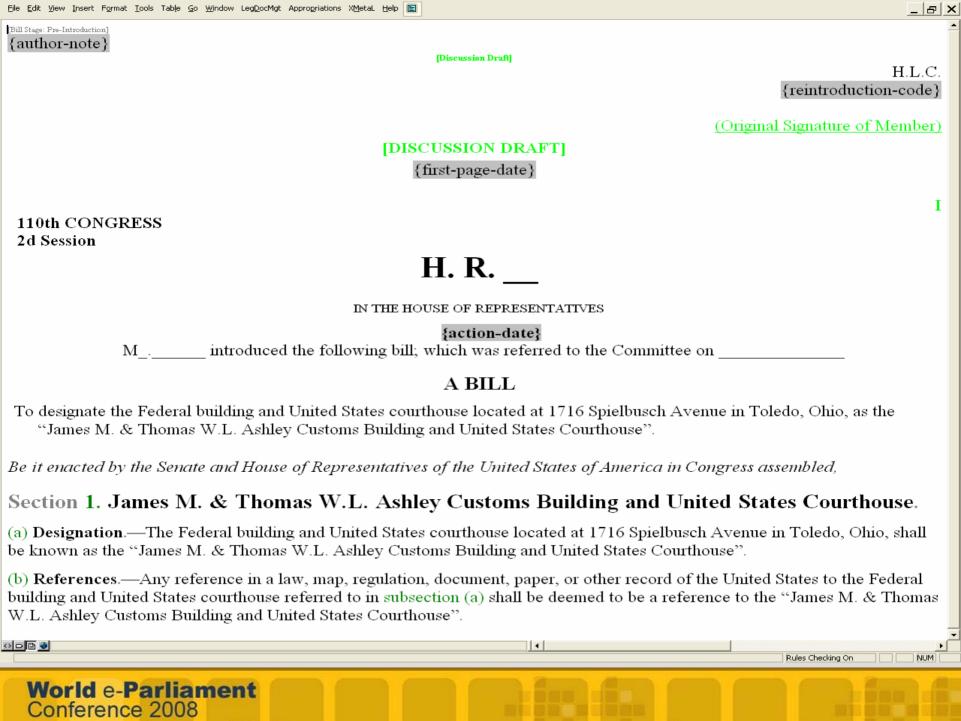
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The paper version is the official document of record.

Simple Document Workflow



- The House Office of Legislative Counsel drafts a bill for a legislator;
- The legislator introduces the bill on the House floor;
- The floor staff prepare the bill and transmit it to the Government Printing Office (GPO).
- GPO publishes the bill and makes it available to the public and the Legislative Branch in paper and electronic format;
- GPO transmits the bill to the Library of Congress.
- •The Library posts the bill online and provides additional information about the status of the bill.





110TH CONGRESS 1ST SESSION

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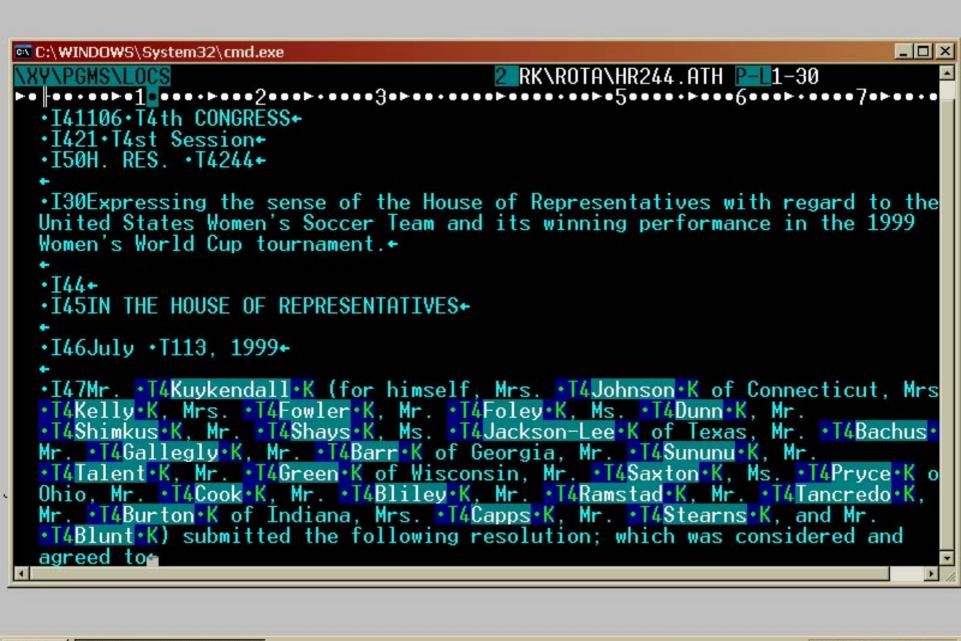
SECTION 1. JAMES M. & THOMAS W.L. ASHLEY CUSTOMS BUILDING AND UNITED STATES COURTHOUSE.

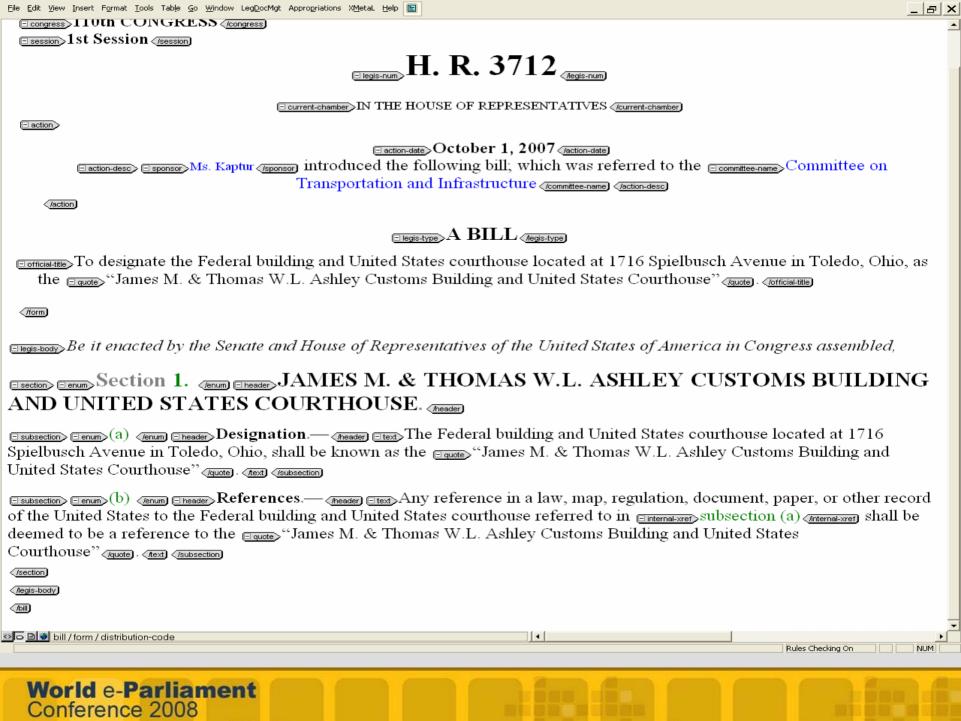
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- (b) REFERENCES.—Any reference in a law, map, regulation, document, paper, or other record of the United States to the Federal building and United States courthouse referred to in subsection (a) shall be deemed to be a reference to the "James M. & Thomas W.L. Ashley Customs Building and United States Courthouse".

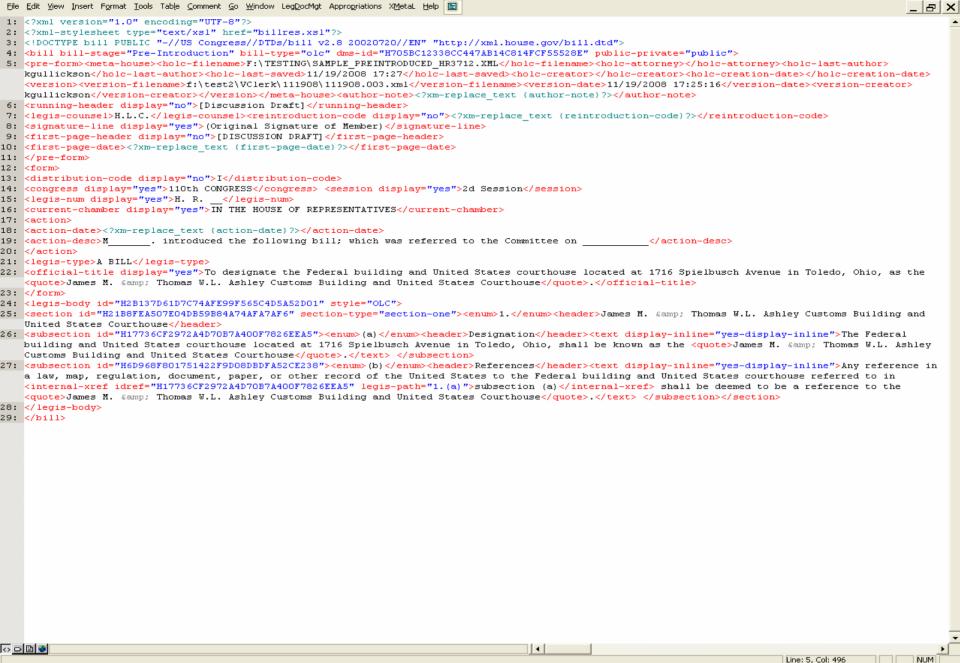


Goals for drafting in XML

- Minimize drafters' attention to typesetting;
- Maximize drafters' consideration of the legislative language itself;
- Provide "just-in-time" knowledge support during the drafting process;
- Provide a tags-off environment;
- Reduce training effort, and;
- Improve quality of output.







Smart Authoring

- Context sensitive;
- Auto-renumbering;
- Auto-regeneration of table of contents;
- Absence of typesetting rules while author drafts;
- Ability to move legislative structures around;
- Simple keystrokes.

File Edit <u>V</u> iew Insert F <u>o</u> rmat Iools Table <u>G</u> o <u>W</u> indow Leg <u>D</u> ocMgt Appropriations XMetaL <u>H</u> elp	_ & X
M introduced the following bill; which was referred to the Committee on	_
A BILL	
To	
Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled,	
Section 1. This is a Section Header.	
This is the table of contents:	
Sec. 1. This is a Section Header. Sec. 2. This is another Section Header. Sec. 3. This is another Section Header.	
Sec. 2. This is another Section Header.	
Sec. 3. This is another Section Header.	
(a) This is a subsection header.—This is subsection text.	
(b) This is a subsection header.—This is subsection text.	
(1) This is a paragraph.	
(2) This is a paragraph.	
(A) This is a subparagraph	
(B) This is a subparagraph—	
(i) This is a clause	
(ii) This is a clause—	
(I) This is a subclause.	
(II) This is a subclause.	
(aa) This is a item. Do bill/legis-body/section/text	
Rules Checking On	NUM
World e-Parliament Conference 2008	

Lessons Learned

- An XML editor can be created that meets the needs of the author, so the goals of consistent formatting, better search, and the ability to publish in multiple formats are achieved.
- Authors do not always like working in a structured editor. Ensure that the XML editor improves their document. Provide "smart authoring".
- A "tags-off" environment requires little XML knowledge by the authors.
- When naming elements, use easy to understand tag names.

Other Semantic Technologies

Library of Congress

- Persistent identifiers using Handles technology.
- http://thomas.loc.gov/home/handles/help.html

The Government Printing Office

- Authentication using Digital Signatures.
- http://www.gpoaccess.gov/authentication/

For more information

http://thomas.loc.gov/home/xml_help.html

http://xml.house.gov

