

National Association of Legislative Information Technology (NALIT)

Planning for Success 2007

North Dakota Legislative Branch
Maryann Trauger, Manager IT

A Brave New World - XML for Publishing and Business

- **Develop an XML Authoring and Publishing Environment to:**
 - Eliminate costs associated with continued support and maintenance of the IBM legacy Mainframe, hosting fees, and data incompatibility
 - Reduce the level of manual effort involved with authoring, validating, reviewing, and printing legislative materials
 - Replace all legacy, obsolete, silo systems with current technologies based on the effective use of XML and largely COTS products

A Brave New World - XML for Publishing and Business

- **Develop an XML-based business environment where data is tracked, monitored, exchanged, and reused:**
 - Provide increased visibility into the business environment, monitoring events, and informing other processes
 - Provide increased reporting capabilities; realtime tracking with realtime posting
 - Provide increased data auditing and data distribution capabilities

Two-Phased Project – Under Construction



- **Phase I – Business, process, document, and data analysis (1/2006)**
 - Identified all the actors, events, process points, data needs, and document controls
 - Assessed all documents for data reuse and opportunities for further automating document generation
 - Provide increased data auditing and data distribution capabilities

**Results: Specifications for Implementation
And delivered new Conference Committee
Application**

Two-Phased Project – Under Construction

- **Phase II – Develop XML Publishing and Business Applications (7/2007)**
 - Build the data models for documents, business events, and transactions
 - Convert legacy data
 - Design and develop stylesheets, usability features for direct content creation
 - Establish the content repository, workflow and collaboration
 - Build the web-based and XML-enabled business applications to collect information, inform processes, trigger events, and support reporting



**Infrastructure: Commercial, Off -the-Shelf
Software Products**

Planning for Success

Dedicated Team

- **North Dakota Legislative Branch**
 - Review Board Participants (Including Project Management)
 - Subject matter experts – e.g., Clerks, Legislative Assembly members, Journal Reporter
- **PTC/Arbortext**
 - Architects, Sr. XML developers, Technical Consultants (Java, web services, portal development)
 - Program Management
- **Capstone Consulting**
 - Technical Consultants (development and data migration)

Building on Strong Products and Hefty Experience

Planning for Success



Old World View

12/03/98 LEGISLATIVE COUNCIL - ADD COMMITTEE HEARING LR5020M1

COMMITTEE NAME: Appropriations (Rep. J. Dalrymple)
SUBCOMMITTEE: _____ COMMITTEE HEARING
DATE: ____ TIME: ____ (A=A.M. P=P.M.)

BILL NUMBER: _____ SEQUENCE NUMBER: _ (1-9) FOOTNOTE: _ (1=* 2=**)

DESCRIPTION:

PRESS ANY F-KEY TO EXIT

Used: Session 2005

New World View

CONFERENCE COMMITTEE SCHEDULE

View Schedule
Manage Committees
Manage Meetings
Manage Members

Select an option: Add a Meeting Committee: HB1002

1. Select a date on the calendar to the right.
2. Click on the checkbox beside the desired available starting time of the meeting.
3. Click on the checkbox beside the desired finishing time of the meeting.
4. Next a drop-down list will appear on which you can select from the available rooms

◀ April 2007 ▶

Su	Mo	Tu	We	Th	Fr	Sa
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	1	2	3	4	5
6	7	8	9	10	11	12

Conference Committee - HB1002 (04/05/07)							
Time	House	Senate			Clerk		
	Carlisle, Ron (R)	Thoreson, Blair (R)	Kroeber, Joe (D)	Christmann, Randel (R)	Kilzer, Ralph (R)	Tallackson, Harvey (D)	House Agriculture
<input type="checkbox"/> 5:00 AM							
<input type="checkbox"/> 5:30 AM							
<input type="checkbox"/> 6:00 AM							
<input type="checkbox"/> 6:30 AM							
<input type="checkbox"/> 7:00 AM							
<input type="checkbox"/> 7:30 AM							
<input type="checkbox"/> 8:00 AM							
<input type="checkbox"/> 8:30 AM							
<input type="checkbox"/> 9:00 AM							
<input type="checkbox"/> 9:30 AM							
<input type="checkbox"/> 10:00 AM							
<input type="checkbox"/> 10:30 AM							

Inaugurated: Session 2007

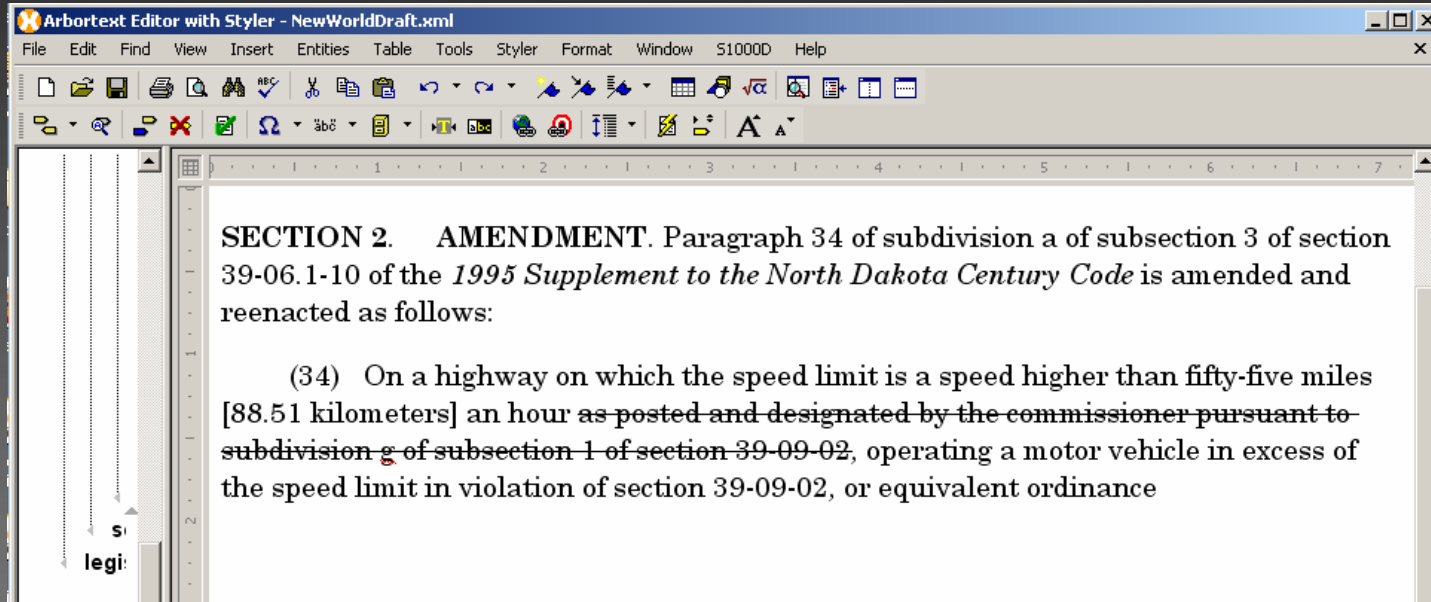
Planning for Success

Old World View

```
DI T      LROKS1. SPFTMP1. CNTL. TSCFI PT(HAAS0500) - 01.00  Columns 00001 00072
Command --->                               Scroll ==> CSR
00091 39-06.1-10 of the 1995 Supplement to the North Dakota Century Code
00092 is amended and reenacted as follows: :ep.
00093 :p34x2.(34)-On a highway on which the
00094 .br
00095 speed limit is a speed higher
00096 .br
00097 than fifty-five miles &brk. 88.51
00098 .br
00099 kilometers&brk. an hour :o. as posted
00100 .br
00101 and designated by the commissioner pursuant to
00102 .br
00103 subdivision g of subsection 1 of
00104 .br
00105 section 39-09-02:eo., operating a
00106 .br
00107 motor vehicle in excess of the
00108 .br
00109 speed limit in violation of
00110 .br
00111 section 39-09-02, or equivalent
00112 .br
00113 ordinance: ep.
00114 .bl
00115 :lines.
```

Drafters' view: Session 2007

New World View



Drafters' view: Session 2009