

# OLA Super Conference 2014 1323: Introducing New Media to Hansard: Building a Foundation for Knowledge Management

January 31<sup>st</sup> 2014
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Rosalind Guldner



## What is Hansard?

Hansard is the official record of the debates of the Ontario Legislature and its standing committees.



No. 100

Nº 100

ISSN 1180-2987

Legislative Assembly of Ontario

Second Session, 40th Parliament

Assemblée législative de l'Ontario

Deuxième session, 40e législature

Official Report of Debates (Hansard)

Journal des débats (Hansard)

Thursday 12 December 2013

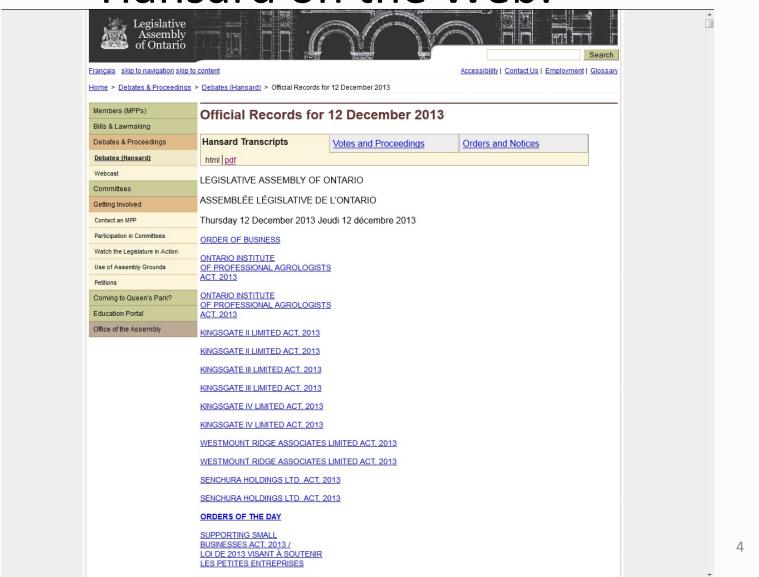
Jeudi 12 décembre 2013

Speaker Honourable Dave Levac Président L'honorable Dave Levac

Clerk Deborah Deller Greffière Deborah Deller



# Hansard on the Web:





# The challenge:

- Too much information
- Too many formats
- Hard to maintain
- Overlap & confusion what is authoritative?
- Poor search functionality



# The old "green page:"

### Hansard Web Reference

Hansard Reference Search

House Hansard Search

Assembly In**tra**net Home Page

Ontario Legislative Library

Assembly In**ter**net Home Page

### **MEDIA**

Newsdesk

Canada NewsWire

Ontario Press database/TPToday

### **GOVERNMENT**

Ontario Government Ontario Municipalities Canadian Government Today's Petitions

Interjections

English Style Guide

French Style Guide

ONTERM

### **EDUCATION**

Ontario Colleges Ontario Universities

### POLITICS

Ontario Liberal Party Ontario Progressive Conservative Party Ontario New Democratic Party Ontario Green Party

### MISC

Canadian Geographical Names database First Nations Communities in Ontario Ontario road map Ontario statute database Federal statute database

### Google

Today's TOC

**Committee Notes** 

PDF Reference

Legislative pages

Hansardwiki

### BUSTNESS

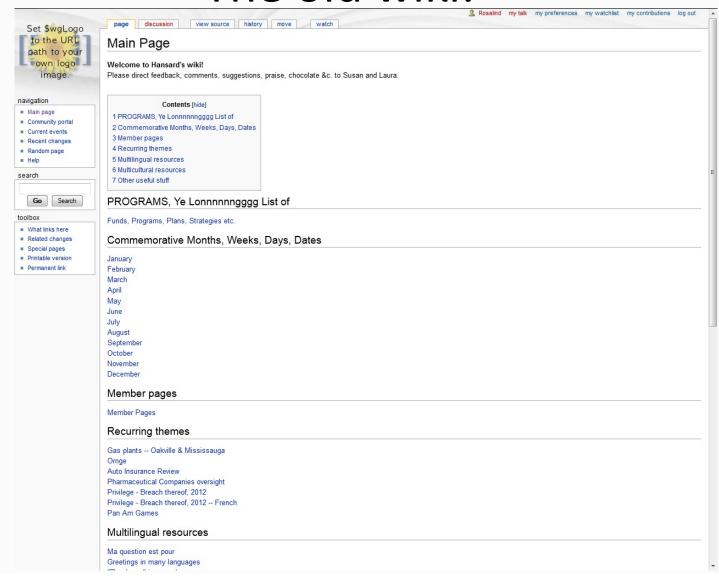
Canadian Yellow Pages Canada411

### **HEALTH / MEDICINE**

Drug name database Pharmaceutical company links

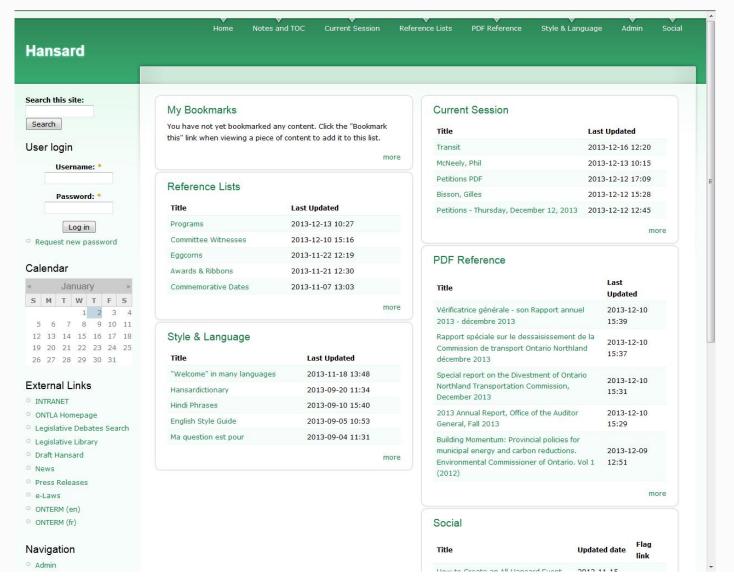


# The old wiki:





# The new (and improved!) "green page:"





# Why use a web content management system (CMS)?

- WordPress
- Joomla
- Drupal



# **User Consultation**



**Content:** What resources should stay? What should go?

Online survey

**Navigation**: How should these resources be organized?

Card sorting exercise





Sign In

Help

Home I

How It Works

Examples -

Survey Services \*

**Plans & Pricing** 



### Need to Reach a Targeted Audience?

Looking for the right people to fill out your survey? Meet SurveyMonkey Audience, home to millions of qualified respondents ready to take your surveys and give you the feedback you need to make better decisions.

Learn more

### SurveyMonkey Enterprise

Give your entire team access to our powerful online survey platform. SurveyMonkey Enterprise helps anyone in any function use surveys to make smarter decisions, while your organization gets complete control of your data, users and billing.

Learn more

Join Our 15+ Million Customers Stay Connected 12



# **Survey Questions**

- 1. Resources ranked on the following
  - Frequency of use (1 low, 5 high)
  - Level of usefulness (1 low, 5 high)
- 2. Search preferences
  - Do staff search all resources at once or within each resource separately?
- 3. General comments and feedback



# Survey Results

- 1. Ranking resources
  - Some resources rarely used but very useful
- 2. Search preferences
  - Most participants preferred a site wide search
- 3. General comments and feedback
  - Suggested links to external resources
  - Comments on what should be on the Social page



# **Taxonomy Development**



# **Taxonomy**

= vocabulary used to classify all content on our website

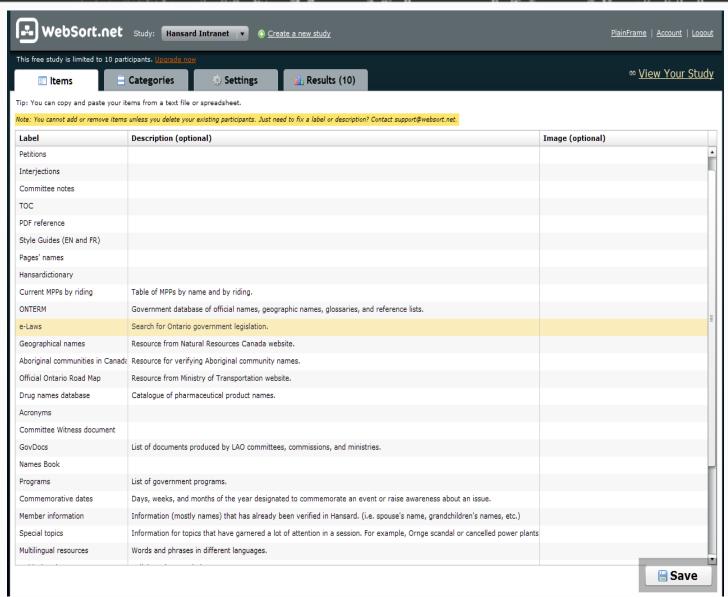
# **Card sorting exercise**

= a technique used in user experience (UX) design to identify patterns in how users expect to find information











# **Card Sorting Exercise**

- 1. Open vs. Closed sort
- 2. Analysis provided by WebSort
  - Item x Item table
  - Category x Item table
- 3. Low-tech method
  - participants sort flash cards in pairs or small groups



# **Card Sorting Results**

- 1. Resources tended to be grouped by:
  - content (e.g. geographical information; Member information)
  - origin (e.g. in-house vs. external resources)
- 2. Grouping by **function** was seen as well but was not as prevalent



# Hansard Taxonomy

(Part 1)

Notes and TOC

• Reporters' notes and Table of Contents

Current Session

- Current Topics (e.g. Gas plants, Transit funding, Ornge)
- Members' info; Pages' names; Petitions

Reference Lists

- Acronyms; Committee Witnesses; Programs, etc.
- Religious Observances; Sessional Dates, etc.

PDF Reference

Reports published by government and stakeholder organizations



# Hansard Taxonomy

(Part 2)

Style & Language

- House Style Guides (English and French)
- Hansardictionary and Multilingual Resources

Admin

• Conference Booking system and Staff Schedules

Social

- Blog posts and Events
- "How To" section

**External Links** 

 Links to websites and online content not maintained by Hansard



# **Building our New Site**



### Hansard

### Search this site:

Search

### User login

Username: \*

Password: \*

Log in

Request new password

### Calendar

«	January					»
S	M	Т	W	Т	F	S
			1	2	3	4
5	6	<u>7</u>	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

### External Links

- INTRANET
- ONTLA Homepage
- O Legislative Debates Search
- Legislative Library
- O Draft Hansard
- News
- O Press Releases

### My Bookmarks

You have not yet bookmarked any content. Click the "Bookmark this" link when viewing a piece of content to add it to this list.

more

more

### Reference Lists

Title	Last Updated
Programs	2013-12-13 10:27
Committee Witnesses	2013-12-10 15:16
Eggcorns	2013-11-22 12:19
Awards & Ribbons	2013-11-21 12:30
Commemorative Dates	2013-11-07 13:03

### Style & Language

Title	Last Updated
"Welcome" in many languages	2013-11-18 13:48
Hansardictionary	2013-09-20 11:34
Hindi Phrases	2013-09-10 15:40
English Style Guide	2013-09-05 10:53
Ma question est pour	2013-09-04 11:31

more

### **Current Session**

Title	Last Updated
Transit	2013-12-16 12:20
McNeely, Phil	2013-12-13 10:15
Petitions PDF	2013-12-12 17:09
Bisson, Gilles	2013-12-12 15:28
Petitions - Thursday, December 12, 2013	2013-12-12 12:45

more

Title	Last Updated
Vérificatrice générale - son Rapport annuel 2013 - décembre 2013	2013-12-10 15:39
Rapport spéciale sur le dessaisissement de la Commission de transport Ontario Northland décembre 2013	2013-12-10 15:37
Special report on the Divestment of Ontario Northland Transportation Commission, December 2013	2013-12-10 15:31
2013 Annual Report, Office of the Auditor General, Fall 2013	2013-12-10 15:29
Building Momentum: Provincial policies for municipal energy and carbon reductions. Environmental Commissioner of Ontario. Vol 1 (2012)	2013-12-09 12:51 24

### Hansard



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# Where to begin?

- Drupal Core and modules
- See session handout for our modules list



# Taxonomy

- The basis of our site organization strategy
  - Views and Panels modules to display information

- Conference Room
⊕ Schedules
⊕ PDF Reference
⊕ Current Session
+ Petitions
∯ MPPs
⊕ Page Names
+ Parliamentary Procedure Authorities
+ Current Topics
+ Reference Lists
⊕ Awards & Ribbons
4 Search Online
+ Luke Hansard Accounts
Sessional Dates
⊕ Bills
⊕ Bills Entry
+ Commemorative & Religious Dates
Commemorative Dates

Reference Lists		
Title	Last Updated	
Programs	2013-12-13 10:27	Unbookmark this
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Eggcorns	2013-11-22 12:19	Bookmark this
Awards & Ribbons	2013-11-21 12:30	Bookmark this
Commemorative Dates	2013-11-07 13:03	Bookmark this
		more

Attached files	Title	Updated date
2012-2013 Report Office of the Ombudsman of Ontario.docx	2012-2013 Annual Report. Office of the Ombudsman of Ontario. July 2013	2013-10-22 10:44
AdamsReport.pdf	Review Report on the Special Investigations Unit Reforms, prepared for the Attorney General of Ontario by The Honourable George W. Adams, Q.C., February 26, 2003	2013-05-03 15:05
AirQualityTaskForce2010.docx	Report of the air quality task force to the Minister of the Environment: Southwest Greater Toronto Area, Oakville-Clarkson Airshed, David Balsille, June 2010	2013-10-22 10:45
AlternativeBudget04.pdf	Real Change; Real Choices: Investing in the Services Ontario Needs — and Paying for Them, Ontario Alternative Budget 2004, Canadian Centre for Policy Alternatives, May 2004	2013-11-12 17:16
AlterVotingTechReport.pdf	Alternative Voting Technologies Report: Chief Electoral Officer's submission to the Legislative Assembly. June 2013	2013-08-21 11:14
Anti-SLAPP_Report_2010.pdf	Anti-SLAPP Advisory Panel: Report to the Attorney General. October 28, 2010.	2013-09-30 10:10
Arthurs_Report_WSIB_2012.pdf	Funding Fairness: A Report on Ontario's Workplace Safety and Insurance System (Harry Arthurs, Chair, WSIB Funding Review) known as the Arthurs Report	2013-05-03 15:14
AuditorCitizenshipGrants07.pdf	Year-end Grants provided by the Ministry of Citizenship and Immigration: Special Review for the Premier of Ontario, Office of the Auditor General of Ontario, 2007	2013-05-03 15:14
AuditorGeneralAnnual07.pdf	2007 Annual Report, Office of the Auditor General of Ontario, Fall 2007	2013-05-03 15:15
AuditorGeneralAnnual08.pdf	2008 Annual Report, Office of the Auditor General of Ontario, Fall 2008	2013-05- <u>0</u> 3 15:15



### Search this site:

Search

### User login

Username: \*

Password: \*

Log in

O Request new password

### Calendar



### External Links

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- News
- Press Releases
- o e-Laws
- ONTERM (en)

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Committee Witnesses	2013-12-10 15:16
Eggcorns	2013-11-22 12:19
Acronyms	2013-10-23 16:37
Courts & related names	2013-05-28 13:34
Names Book	2013-03-18 12:11

### Commemorative & Religious Dates

Title	Last Updated
Commemorative Dates	2013-11-07 13:03
Jewish Observances	2013-10-30 14:21
Sikh Observances	2013-10-22 11:11
Hindu Observances	2013-10-16 09:33
Zoroastrian Observances	2013-10-16 09:32
Chinese Observances	2013-10-16 09:28
Muslim Observances	2013-10-11 13:58
Coptic Observances	2013-10-11 13:13

### Awards & Ribbons

Title	Last Updated
Awards & Ribbons	2013-11-21 12:30

### Bills

Title	Last Updated
Bills Archive	2013-05-09 12:14

### Sessional Dates

Title	Last Updated
Ontario Parliament, 1867 – current	2013-05-08 09:44

### Search Online (Formerly SPECLISTS)

Title	Last Updated
Search Online	2013-09-13 14:54

### Luke Hansard Accounts

Title	Last Updated
Luke Hansard Accounts	2013-07-10 12:06

30



# **User Profiles**

- In Drupal 6 Core
- Admin, Index & Reference, Editorial and Anonymous
- NodeAccess module



# Special features

Bookmarking using Flags module:

Title	Last Updated	
Pan Am Games	2013-12-10 11:51	Unbookmark this
Developmental Services	2013-11-14 14:17	Unbookmark this
Programs	2013-12-13 10:27	Unbookmark this
Transit	2013-12-16 12:20	Unbookmark this
Pharmaceutical companies	2013-11-19 15:06	Unbookmark this
Committee Witnesses	2013-12-10 15:16	Unbookmark this
Gas plants	2013-11-15 10:26	Unbookmark this



# Special features

- Search using Drupal Core search function
- Notes & TOC

Home Notes and TOC Current Session Reference Lists PDF Reference Style & Language Admin Social

### Hansard

Home

### Search this site:

Search

### Calendar

« January						
S	M	Т	W	Т	F	S
			1	2	3	4
5	6	7	8	9	<u>10</u>	11
12	13	<u>14</u>	<u>15</u>	16	17	18
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- News
- Press Releases
- e-Laws
- ONTERM (en)

### Hanfo

House Cttee

Today's TOC

### Cttee notes

DS15tc.htm

F24cy.htm

F25cy.htm

F26cy.htm

### confirmed)

### DEVELOPMENTAL SERVICES STRATEGY

**The Chair (Mrs. Laura Albanese):** Good morning, everyone. I call the Select Committee on Developmental Services to order.

### FAMILIES FOR A SECURE FUTURE

The Chair (Mrs. Laura Albanese): We'll hear first this morning from Families for a Secure Future

Ms. Judith McGill: Good morning

The Chair (Mrs. Laura Albanese): TY for making it down

Ms. Judith McGill: We sled down

The Chair (Mrs. Laura Albanese): You'll have up to 20 minutes

Ms. Judith McGill: Hello. My name is Judith McGill

Ms. Maureen Emmons: And my name is Maureen

Ms. Judith McGill: So we'd like to begin by thanking

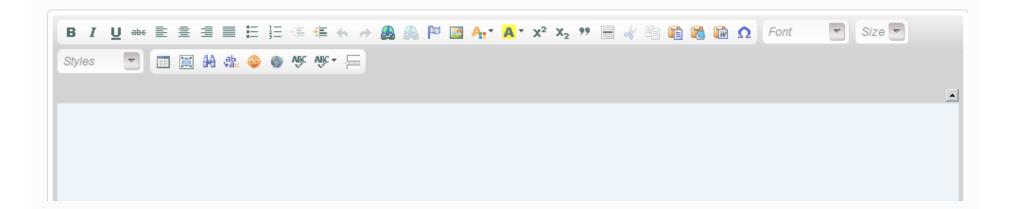
Will request Ombudsman quote (copied)

34



# Special features

WYSIWYG and CKeditor for text editing:





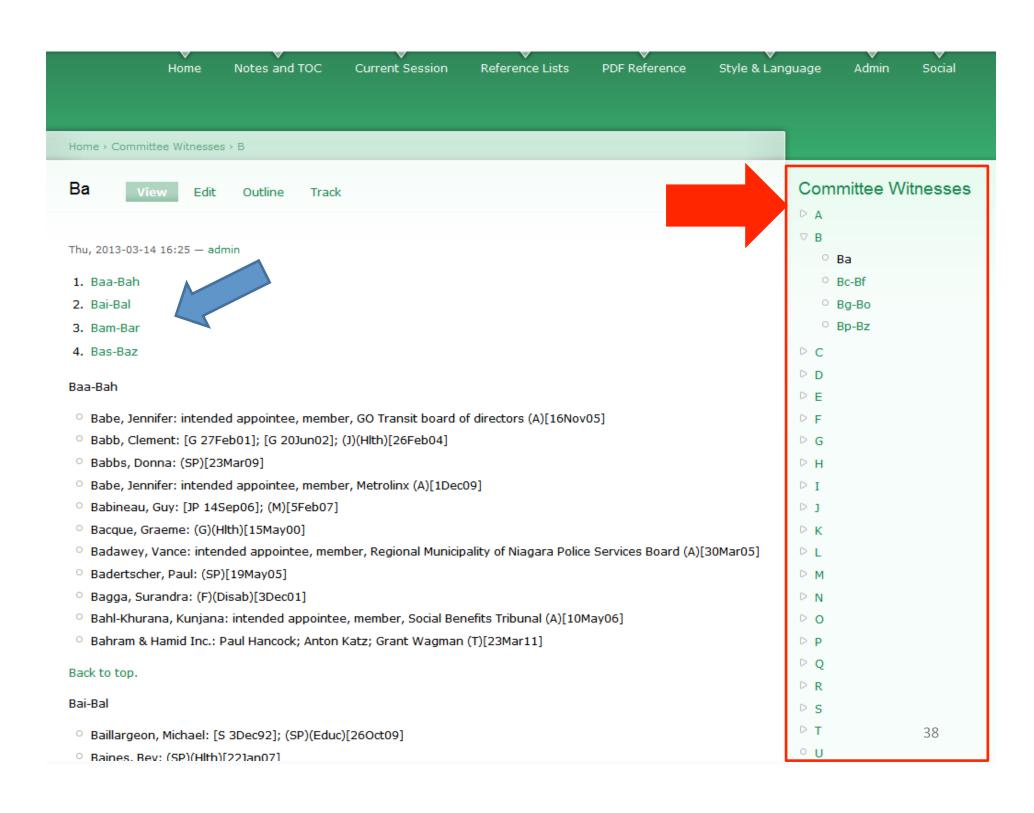
# Site building process

- Requested server space from Technology Services
- ALA's *Using Drupal to Build Library Websites* online course
- Drupal 6 site developed



## Inputting reference content

- Culling old lists
- Input revised lists
- Drupal 6 Core content types used:
  - Pages
  - File Attachments
  - Book Pages





## Working with Drupal

- Steep learning curve
- Simple to update once infrastructure is built
- Trouble-shooting without proprietary assistance



## Where to find help

- Drupal.org Documentation
- Forums
- Organizational IT support
- Me!



#### **Training**

- 1. Hands-on and done in small groups
- Two hand-outs provided: one with screen caps and one providing a path to each resource



#### **Handouts**



#### Content pane:

- Each block (outlined in black) on the home page displays the five most recently created or updated posts. The home page and category pages will be divided into blocks.
- To access a category page, you can click on the category heading (orange arrow). To access a post from these pages, click on its title (blue arrow).

#### Green Page Navigation:

- Homepage: black arrow
- · Notes and TOC: orange arrow
- · Current Session: blue arrow
- Reference Lists: green arrow
- PDF Reference: purple arrow
- Style & Language: yellow arrow
- · Social: pink arrow

#### Left-hand sidebar:

- Search bar (blue arrow)—this is the place to enter your search queries.
- If you have not logged into the site, you will find the login area right below the search bar.
- Calendar (black arrow)—events created by Hansard staff will be located here.
- External Links (purple arrow)
  - Assembly intranet site
  - o Assembly internet site
  - Legislative Debates Search
  - o Legislative Library Research Service
  - o Draft Hansard
  - o News
  - o Press Releases

#### Hansard Website: Resource Guide

Resource	Location	
Acronyms	Reference Lists > Names > Acronyms	
Assembly InTRAnet Home Page	External Links > INTRANET	
Assembly InTERnet Home Page	External Links > ONTLA Homepage	
Awards	Reference Lists > Awards & Ribbons	
Bills Archive	Reference Lists > Bills	
Bonjour!	Style & Language > Multilingual Resources > Bonjour!	
Commemorative Dates	Reference Lists > Commemorative & Religious Dates	
Committee Notes	Notes & TOC (on the navigation bar)	
Committee Witness document	Reference Lists > Names > Committee Witnesses	
Draft Hansard	External Links > Draft Hansard	
Drug names database	Reference Lists > Search Online	
e-Laws	External Links > e-Laws Reference Lists > Names > Eggcorns	
Eggcorns		
First Nations communities in Ontario	Reference Lists > Search Online	
Geographical names database	Reference Lists > Search Online	
House Hansard search engine	External Links > Legislative Debates Search	
Hansardictionary	Style & Language > Hansardictionary  Notes & TOC (on the navigation bar)  Current Session > Pages' Names	
Interjections		
Legislative Pages		
Luke Hansard accounts	ccounts Reference Lists > Luke Hansard Accounts	
MPP Info	Current Session > Members of Provincial Parliament	
Multicultural resources	Reference Lists > Commemorative & Religious Dates	
Multilingual resources	Style & Language > Multilingual Resources	
Names Book	Reference Lists > Names > Names Book	
Official Ontario Road Map	Reference Lists > Search Online	
Ontario Legislative Library	External Links > Legislative Library Research Service	
Ontario Statute Database	External Links > e-Laws	
ONTERM	Reference Lists > Search Online	
PDF Reference	PDF Reference (on the navigation bar)	



#### **Training**

- 1. Hands-on and done in small groups
- Two hand-outs provided: one with screen caps and one providing a path to each resource
- 3. Exercise questions for practicing site navigation and site search



### Training: Things to consider

- Differing skillsets of your staff
- What skills are mandatory to learn and what are optional
- Managing expectations for functionality



### Launch Day

- 1. Troubleshooting
  - User login issues
  - Fixing broken links
  - ActiveX settings on Internet Explorer
- 2. Usability
  - Text size
  - Opening pages in new tabs / windows
  - Bookmarks



# User Buy-in and Site Maintenance



### User Feedback System

- Existing reference question email account
- Excel file to record feedback and requests
- No major infrastructure changes made for three weeks
- Content addition/editing requests



## **Excel Feedback Tracking**

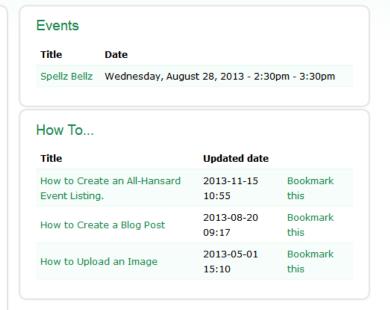
1	Α	В	C	D
	Date	Comment or Request	Action taken	Initials
1				
2	15-May-13	External Links add ONTERM	Leave this for now. Noted and logged.	at training
3	15-May-13	Calendar add conference booking function	Leave this for now. Roll out after trial period and when everyone has access to the site.	at training
4	15-May-13	Notes reading pane is a bit small – can we find a way to make it bigger and easier to read ?	This was Steve's question and he said it's not critical, so let's leave it for now and see if we get any other similar feedback in	at training
5	15-May-13	Adding an admin section	Not time critical for launch. We'll work on this (and maybe an expanded admin section with schedules and that type of thing?)	at training



#### **Social Section**

 All users have permission to update this section, defined by content type:

Social Posts		
Title	Updated date	
FOOD MIRACULOUSLY APPEARS ON SIGN-OUT DESK		
A Person Who Knows Things	2013-08-20 09:10	
Erica's Cat's Portraits	2013-08-20 09:10	Bookmarl this
sandbox	2013-08-20 09:10	Bookmarl this
BOX GRAVEYARD DISAPPOINTS YET AGAIN	2013-08-20 09:09	Bookmarl this
SEAN VAN WERT EXITS HANSARD IN INGLOURIOUS FASHION	2013-08-20 09:09	Bookmarl this





#### Expansion

- Interpretation department
- Administrative section
- Site infrastructure training for Index & Reference
- More content creators?
- Future Drupal upgrades



## Thank you!

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Erica Smith@ontla.ola.org

rosalind guldner@ontla.ola.org