Web 2.0 Trends and Technologies:
Example of a NRCan-ESS project Blog.
Linda Richard – October 2006

Natural Resources Canada

Ressources naturelles Canada
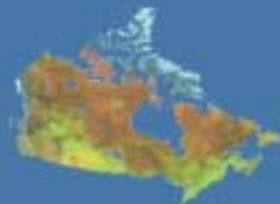
Canada

Web 2.0

- Meaningless marketing buzzword?
- New conventional wisdom?

Common components

Source: O'reilly

Defining Web 2.0 by examples

Web 1.0
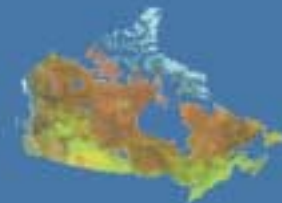
- Britannica online
- Personal web sites
- Screen scraping
- Publishing

Web 2.0

- Wikipedia
- Blogger
- Web Services
- Participation

Etc…

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Web 2.0

Web 2.0 does not have a hard boundary but rather a gravitational core.

Source: O'reilly

- User controls own data.
- Architecture of participation
- Harnesses collective intelligence.

Etc…

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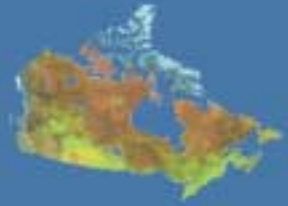Ressources naturelles Canada

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Web 2.0 – Emerging Technology

Hype Cycle of Emerging Technology

← Web 2.0 and Blogs - 2 years ago.

VISIBILITY

TIME

| Technology Trigger | Peak of Inflated Expectations | Trough of Disillusionment | Slope of Enlightenment | Plateau of Productivity |
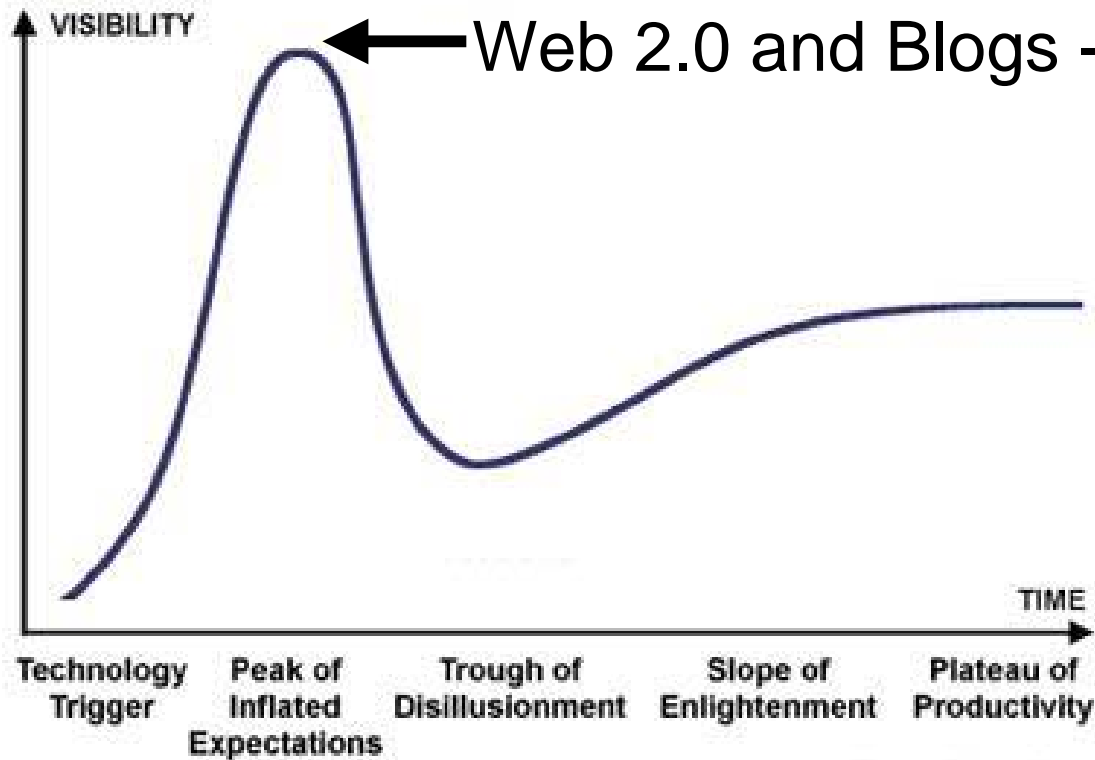
Source: Gartner Group

Functional/User Requirements

Natural Resources Canada   *Earth Sciences Sector*

Geological Survey of Canada

Natural Resources Canada > Earth Sciences Sector > Geological Survey of Canada

- Working group spread across country.
- Project is complex and consists of many activities.

Functional/User Requirements

Natural Resources Canada
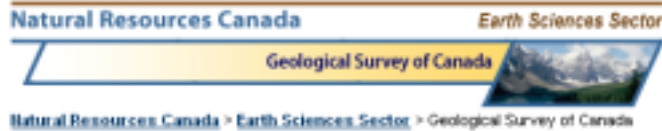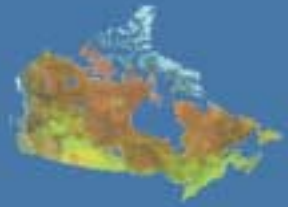
Earth Sciences Sector

Geological Survey of Canada

Natural Resources Canada > Earth Sciences Sector > Geological Survey of Canada

- Varied background of project participants: IT, IM, scientific.

- Requires a user friendly solution.

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Functional/User Requirements

- Clear need for organized, easy, on demand access to project information.

- Need to be able to foster discussion between project participants.
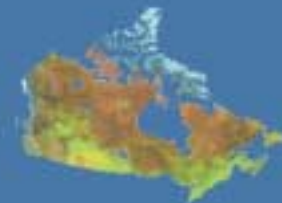
Email/Web Site

- Email solution : may lead to staff wasting a lot of time consulting their inbox. Does not allow good organization of information.

- Web Site : May be more costly, i.e. need for dedicated staff to manage. Does not foster discussion.

Project Blog

Project Blog

Grouping by activity

Blog Thread

Based on free Pivot technology/Basé sur la technologie sans frais de Pivot

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Blog Thread

Blog Thread

SMS Requirements Version 1.1

Attached is the latest version of the requirements for the sample management system (SMS). This document includes a description of the system, details on the concept of the study, how locations and samples are created and managed, detailed mock screens, etc... It's important that all lab group representatives take the time to consult this document. In particular, please have a look at the sample screens for rock and unconsolidated materials to make sure that the minimum required information has been captured.

Key components of the requirements are also available online. The following document explains how to access and use this online site

09.02.06 10.37 | Only one comment

- Multiple attachments.

- Attachments and comments all linked to each thread.

- Access to attachments requires software on users computer.

Thread Comments

Listing of all comments

We may also need to consider allowing the user to cha__ __ __e original language of production of the sample.

Comments...
[lieichar] (email) – 28 11 05 – 09:44

We need to go through screen by screen and pick out all the pick lists that needs CLF. I need to modify the database structure for this.
ptzeng (email) – 28 11 05 – 12:08

Click here to login and/o
Click here if you want to

SMS webservices
Current webservices fro
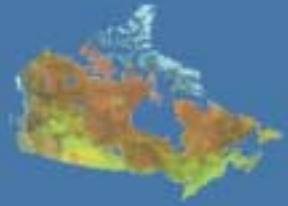
High Level Domain M
Attached is a high level

CLF and the SMS
Following our discussions here are the items that we have aggreed upon when it comes to CLF issues:

23 11 05 09:01 | **six comments, already**

Click the title to return to the discussion area after posting your comment.

Name:

Email:

Comment:

Remember personal info?
○ Yes
◉ No

Emoticons / Textile

RSS on reply

| **Post Comment** | **Preview Comment** | (__ __ister your username / Log in_)

Notify: ☐ Yes, send me email when someone replies.

Small print: All html tags except <b> and <i> will be removed from your comment. You can make links by just typing the url or mail-address.

09 01 06 13:40 | **No comments yet**
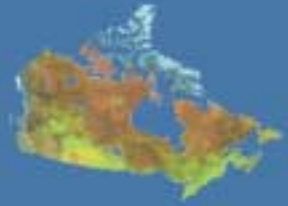
Searching the Blog

Search expression

Search Results

sms   [Search!]

Matches for 'sms':

- CLF and the SMS
- Geochron Delivery
- Oracle stored procedures and fuctions for SMS
- SMS database structure
- Welcome

Result lists threads

Blog Information Lifecycle

- Archiving of content while project is active.

- Project Blog can not be used to archive information that must be maintained beyond the project.

Other examples of GOC Blogs

Not really a Blog

- Individual Blog managed by a specific staff member.
- Used to communicate events, progress.
- One way communication.

Other examples of GOC Blogs

- Commercial blogs.

Challenges Facing Blogs
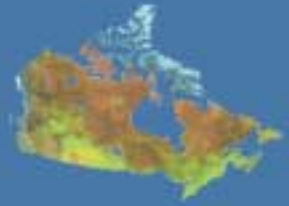
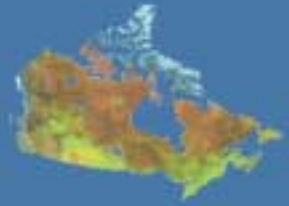- Cost of start up, i.e. effort of finding a suitable Blog technology.

- Yes, the Blog can be free, but you get what you pay for.

- Free solutions generally require more setup time.

- Must be setup on secure servers to protect information.

Challenges Facing Blogs

- User manages content.

- Advantage: cost savings, rapid availability of information.

- Disadvantage: user needs clear guidelines as to what is appropriate to post on a Blog.

Challenges Facing Blogs
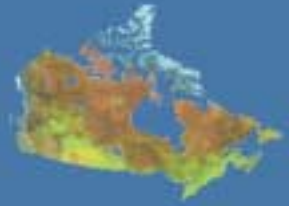
- User manages content and in principal owns the content (copyright).

- Not an issue for internal staff use. Information belongs to the organization.

- For external Blogs, this may be an issue for the GOC.

Challenges Facing Blogs
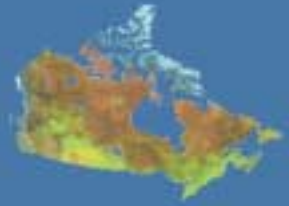
- Bilingualism of Blogs can be an issue.

- Internal blogs post in language of production.

- What about freedom of information access issues?

- Do we have an obligation to maintain this information.