Tag, Annotate, Rate and Share: Activities of Daily Living on the Web

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Topics

• Motivation and Background
• Projects
  – 51 Weeks and the “Conference App”
  – Open Educational Resources
    • Finder and Recommender
• Challenges and Enablers
Open Enables Quite A Bit!
Simplify, simplify, simplify
Web 2.0 … What do you use?

…discuss…
Now things get a bit “messy”

First, the “Conference App”
SEPTEMBER 18, 2007 MY PROGRAM

Welcome & introductions: launch of SIRTEL'07. Riina Vuorikari, Nikos Manouselis, Erik Duval. Leto. 0 attending
(Add to My Program)

YouTube. F. J. Martin. Leto. 0 attending (Add to My Program)

Video keynote by F. J. Martin, Founder and CEO of MyStrands, followed by a chat-based Q&A session
Motivating Questions…

• How do we get scale?
• How do we get relevant content/context at the right place at the right time?
• How do we expose current content/context/relationships outside of initial deployment?
• What problems do we currently face?
• How do we leverage what people are already doing?

folksemantic tools
Philosophical Approach

• Fast development and deployment
• Modular tools
• Don’t invent when there’s a class leading tool
• Open, open, open
  – Source code
  – Get your data in (and out!)
• “Scratch our own itch”, “eat our own dog food”
• Each tool is cool, they’re much more interesting when “mashed up”
Folksemantic Approach

- Semantic Web and web users’ way
- Human-centric, not computer-centric
- No complicated ontologies
- Simple technologies…
  - RSS, tagging
  - Use existing tools, don’t invent yet another photo sharing app, build on what exists and what people user
  - Open APIs
Web 2.0...more than just blogs and wikis

• Simple, targeted, mashable tools
• Leverage social networks and information
• User generated stuff
• Open and free
• Reputation and identity
www.folksemantic.org
www.mocsl.com

annotate share folksonomies
remix sequence tag find reuse
translate mashup alter filter
discuss aggregate relate rate
identity community widgets
Concept:

- You spend maybe a week a year going to conferences and meetings
- You make connections, you find out what colleagues are doing, you find out new ideas
- What happens when you go home?
- What happens the other 51 Weeks?
51 Weeks

- On-going social network to connect you to colleagues met at conferences
- Ability to form/build online professional identity
- Formalize “informal” activities
- Have I said yet we rely on mashups of existing tools?
- “Enduring” project, uses folksemantic/MOCSL tools
Switching gears...
Open Educational Resources

• Background
• OER/OCW Finder
  – www.ocwfinder.org
• OER Recommender
  – www.oerrecommender.org
OpenCourseWare (OCW) Repositories

- OpenCourseWare started by MIT in 2002
- “Publication” of MIT providing access to course materials
- Key Aspects
  - Does not grant degrees
  - Does not provide access to faculty*
  - Course materials (content varies in depth and breadth)
  - Licensed “openly” (aka “open content”), using a Creative Commons Attribution-NonCommercial-ShareAlike* license
- 1550 courses published (of 1800 anticipated)
- MIT OCW, ~640,000 monthly visits (09/2006)
OCW Movement

• Movement expands outside of MIT
  – Tufts, Johns Hopkins School of Public Health, Utah State University
  – Notre Dame, British Open University, Open University of the Netherlands
  – Spanish Universities, Japanese Universities, list growing

• OCW Consortium (launched 2006)
  – Over 100 members
  – Over 3,000 courses published
  – www.ocwconsortium.org

• Consortium-wide, ~810,000 monthly visits (est., 09/ 2006)
Building on top of OCW Repositories

- RSS feeds of Dublin Core metadata
  - Forthcoming for all OCW Consortium members
  - MIT OCW, all eduCommons adopters already publishing RSS Feeds
- “Web 2.0” approach
- Low barrier to entry
- Faster, cheaper, “better” (?)
OCW Finder

Select ✦ OR | Type →

Tag Browser
- materials (37)
- mathematics (72)
- mechanical (68)
- media (38)
- medicine (7)
- mit (1447)
- music (14)
- nuclear (30)
- nutrition (1)
- ocean (22)
- philosophy (39)
- physics (52)

OpenCourseWare Courses

<table>
<thead>
<tr>
<th>Description</th>
<th>Tags</th>
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<tr>
<td>Wavelets, Filter Banks and Applications, Spring 2003</td>
<td>mit mathematics</td>
</tr>
<tr>
<td>Wave Propagation, Fall 2004</td>
<td>mit mathematics</td>
</tr>
<tr>
<td>Topics in Theoretical Computer Science : Internet Research Problems, Spring 2003</td>
<td>mit mathematics</td>
</tr>
<tr>
<td>Topics in Combinatorial Optimization, Spring 2004</td>
<td>mit mathematics</td>
</tr>
<tr>
<td>Theory of Numbers, Spring 2003</td>
<td>mit mathematics</td>
</tr>
</tbody>
</table>

www.opencontent.org/ocwfinder/  
www.ocwfinder.org
OER Recommender

• Building additional services on top of OCW Finder
• What are “like” courses?
• What about learning object repositories?
  – Provide context for Learning Objects
  – Provide links to “richer” experiences for course users
OER Recommender

OER Recommender links you to open education resources related to web pages you are browsing

Search!

Get the OER Recommender Greasemonkey script!

You must have the Greasemonkey Firefox Add-on installed
Some of Our Other Cool Tools

• Didily – relate
  – Describes relations between websites, uses folksonomic descriptions, stored in RelStore
  http://scrumdidilyumptio.us/

• Ozmozr – find, aggregate, share
  – Build online identity, share information, social filtering
  http://ozmozr.com/

• Send2Wiki – create, share
  http://send2wiki.com/
Challenges and Enablers

- Skills and dedication—the TEAM
- Focus and funding
- Simplicity
  - Tool features
  - Visual design
- Speed and timeliness
  - Quick tool development
  - Ruby on Rails
  - Deploy “alpha” tools
  - Drop some promising tools in favor of more relevant ones
- Use, use, use
  - “Scratch our own itch”/“eat our own dog food”
  - Partnerships
Simplify, simplify, simplify
Questions?

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