

On Being Radical

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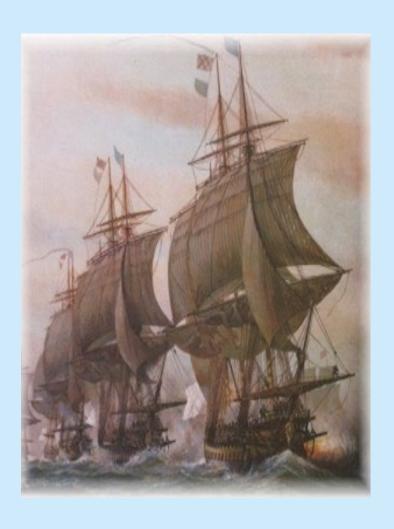
November 18, 2005







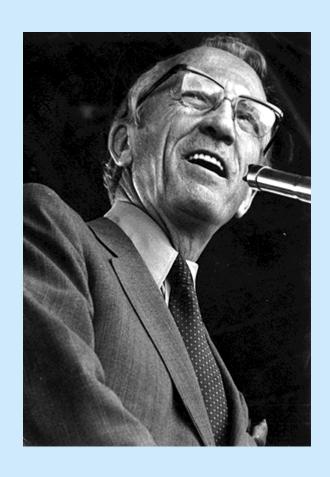
Two paths meet...



- Two paths meet today...
 my path, which has
 taken me from my
 home... and your path,
 which has taken you
 from yours...
- How did that happen?
 Do we even stop to ask the question?



What is Radical?



Tommy Douglas

- Public Health Care
- Rural Electrification
- More...

"a rather dangerous radical in the community of Weyburn, stirring up the unemployed to ask for more money and sticking my nose into places where it was none of my business."

http://www.weyburnreview.com/tommydouglas/welcome.html

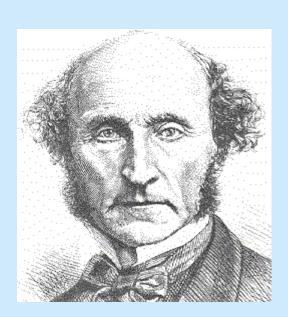


The Subjection of Women

John Stuart Mill (1869)

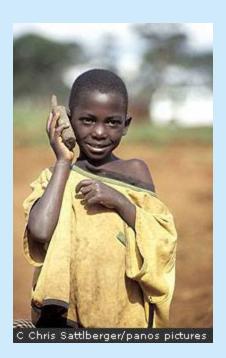
 "The principle which regulates the existing social relations between the two sexes — the legal subordination of one sex to the other — is wrong itself, and now one of the chief hindrances to human improvement "

http://www.constitution.org/jsm/women.htm





What is Radical? (2)



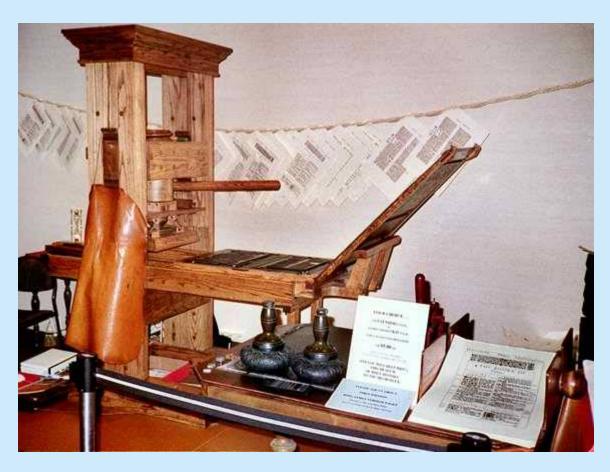
- WSIS in Tunisia... global internet governance, access to all... yet...
 - Bloggers and journalists are arrested
 - Photographs are banned
 - Soldiers on every street corner

http://www.economist.com/sponsor/utica/





Technology Changes Everything...



http://home.flash.net/~bibleetc/press.jpg



Technology Changes Everything...



http://club.guns.ru/images/convention/10.jpg



Technology Changes Everything...



http://imagecache2.allposters.com/images/2/Posters/PO7029.jpg



Technology Changes Everything...



http://ubiqcomputing.org/eval_materials.html



Yesterday...

34,000 feet over Greenland

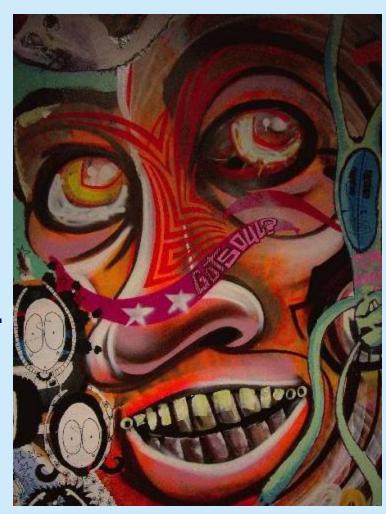


http://www.downes.ca/photos/Palermo/22.htm



What I Can Do...

- I can, with a click of a button, reach out and touch a life half way around the world...
- This is not theoretical –
 I know I can do this
- How did this happen?
- And what's next?



What is Radical? (3)

 "...a system of society and learning where each person is able to rise to his or her fullest potential without social or financial encumberance, where they may express themselves fully and without reservation through art, writing, athletics, invention, or even through their avocations or lifestyle..."



Education: A Radical Idea...

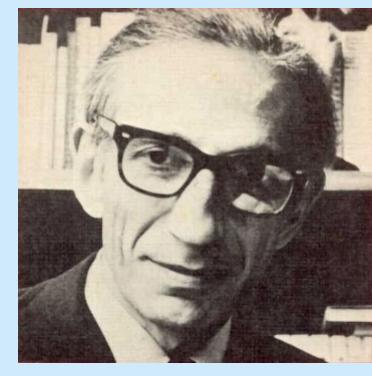
- Mill (Principles of Political Economy, 1848)
- "An effective national education of the children of the labouring class, is the first thing needful..."
- "Education is incompatible with poverty..."
- "The grounds of hope are, that there has been no time in our history when mental progress has depended so little on governments, and so much on the general disposition of the people"

http://www.econlib.org/library/Mill/mlP26.html



Ivan Illich

"The current search for new educational funnels must be reversed into the search for their institutional inverse: educational webs which heighten the opportunity for each one to transform each moment of his living into one of learning, sharing, and caring."



http://www.tierversuchsgegner.org/Pharmakri tik/ivan-illich-closeup.jpg

http://www.ecotopia.com/webpress/deschooling.htm



Seymour Papert

 "What grade are you in?' is a natural question you ask a kid, or 'What subject are you doing in third period?' These are not intrinsic to the nature of creating a good learning environment. They are caused by a previous level of knowledge technology, where the only way we could give out knowledge was by a production-line method."



What is Radical? (4)

- When new technology the press, the gun, the computer – empowers a previously disenfranchised population, the ideas brought forward by that population are universally condemned as radical...
- Today, the computer is empowering society as a whole...



The New Empowerment



http://www.cluetrain.com/

- The millenials a generation that has become empowered
- Cluetrain evolution from consumption to coproduction
- Learner centered design the interdependence between teacher and learner – a sharing of power



Empowering Technology

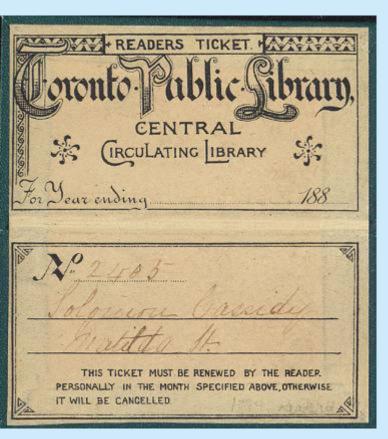


- The Interactive Web (Web 2.0)
- Blogs, CMSs, Wikis
- Podcasts, screencasts, video
- Instant messaging, Skype
- Wireless access, the mobile web

- This is how it happens...
- Where do we go next?



Radical Ideas...



 Connectivism - knowledge resides in a diversity of opinions

http://www.elearnspace.org/Articles/connectivism.htm

 Open Access - file-sharing, open source, open content

http://creativecommons.org/

http://www.soros.org/openaccess/

 The Open Society – transparency, accountability, partnerships

http://www.nplc.com/

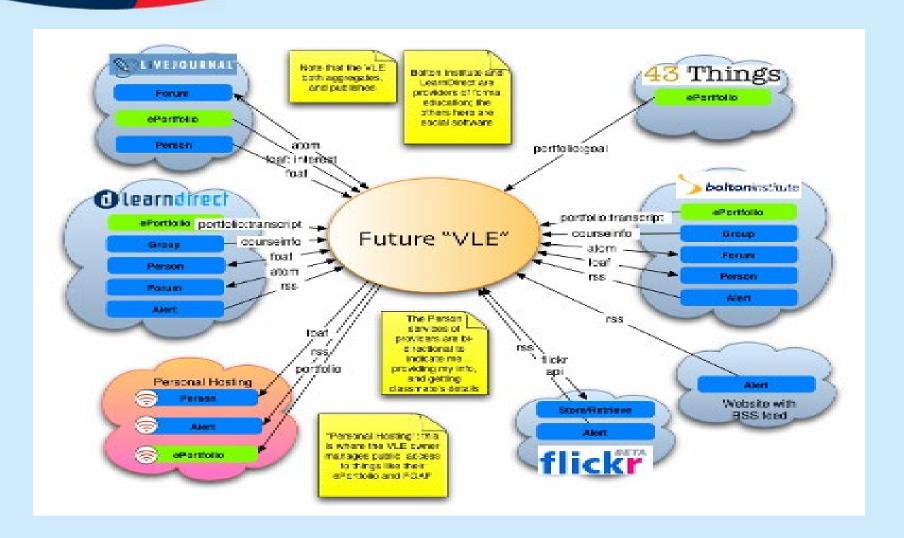
Learning...

Learning as a network phenomenon...

- · Web of user-generated content (eg. Wikipedia)...
- Social networks and communities (entails a genuinely portable (and owned) identity
- Networks of interactions (aggregate, remix, repurpose, feed forward) – syndication
- The personal learning centre



E-Learning 2.0...



http://elearnmag.org/subpage.cfm?section=articles&article=29-1

Radical Ideas...

Three Principles of Effective E-Learning:

- <u>Interaction</u> participation in a learning community (aka a community of practice)
- <u>Usability</u> simplicity and consistency
- <u>Relevance</u> aka salience, that is, learning that is relevant to you, now

More on these...



Interaction

- "... the capacity to communicate with other people interested in the same topic or using the same online resource."
- Why do we want it?
 - Human contact ... talk to me...
 - Human content ... teach me...



Interaction Guerillas

- Interaction: Guerilla Tactics
- If interaction isn't provided, create it, blog it...
- If your software doesn't support interaction, add it (Javascript, RSS)
- Use back-channels, route around blocking GMail, Flickr, IM, more

Usability

Usability:

- "... probably the greatest usability experts are found in the design labs of Google and Yahoo!
- Elements of Usability
 - Consistency ... I know what to expect...
 - Simplicity ... I can understand how it works...



Usability Guerillas

- Important: your institutional CMS is almost certainly dysfunctional – create your own distributed knowledge management system...
 - Create a blog on Blogger, just to take notes
 - Store photos on Flickr
 - Create a GMail account and forward important emails to yourself (and take advantage of Google's search)
 - (Maybe) use Google desktop search, Google Base http://base.google.com

Relevance

Relevance:

- "... learners should get what they want, when they want it, and where they want it "
- Generating Relevance
 - Content … getting what you want
 - Location, location, location...



Relevance Guerillas

- Develop unofficial channels of information (and disregard most of the official ones)
- Create 'project pages' on your wiki (you have a wiki, right?) with links to templates, forms, etc.
- Demand access

Networks

Properties of successful networks...

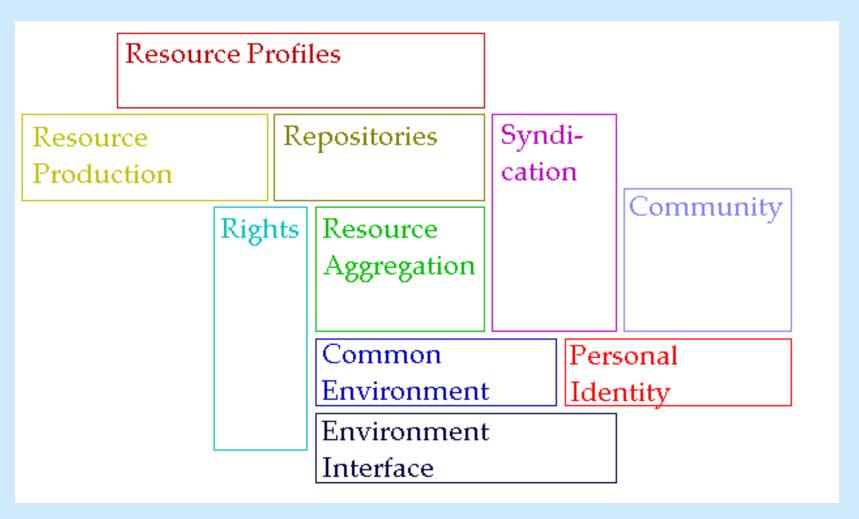
- Charles Vest three key attributes:
 - Diversity (many objectives)
 - Interwoven (many activities)
 - Open (many minds)
 - Charles M. Vest, SAC, August 8, 2005

http://jade.mcli.dist.maricopa.edu/cdb/2005/08/08/opencourseware-sac2005



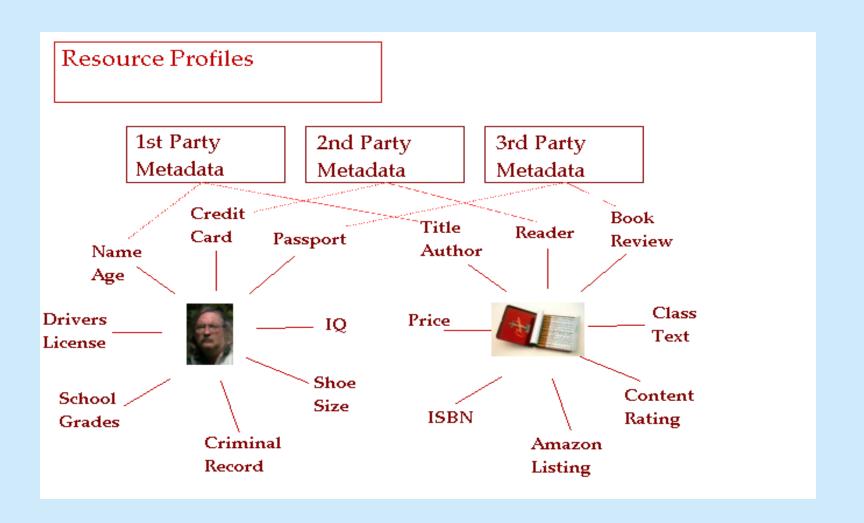
Metaversity

Rethinking what is radical...





Resource Profiles





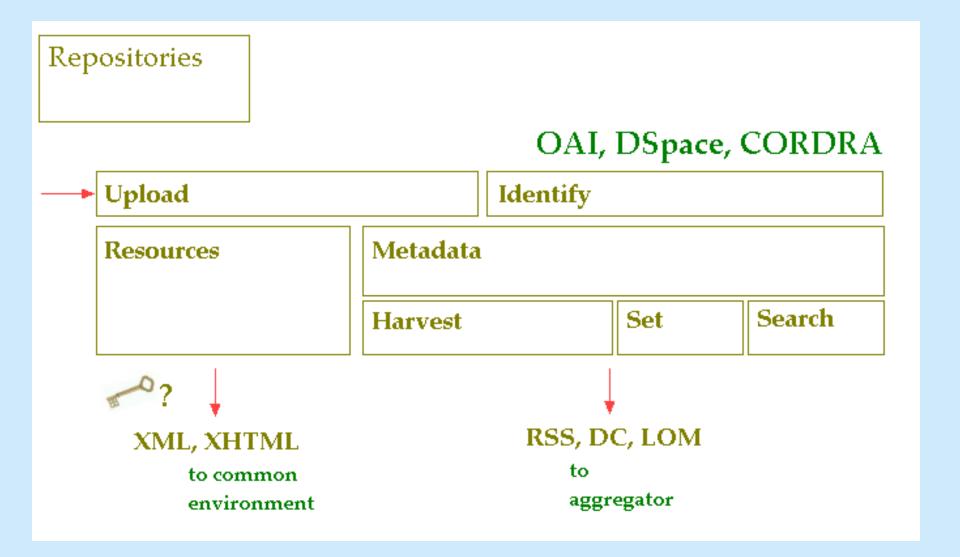
Resource Production

Resource Production



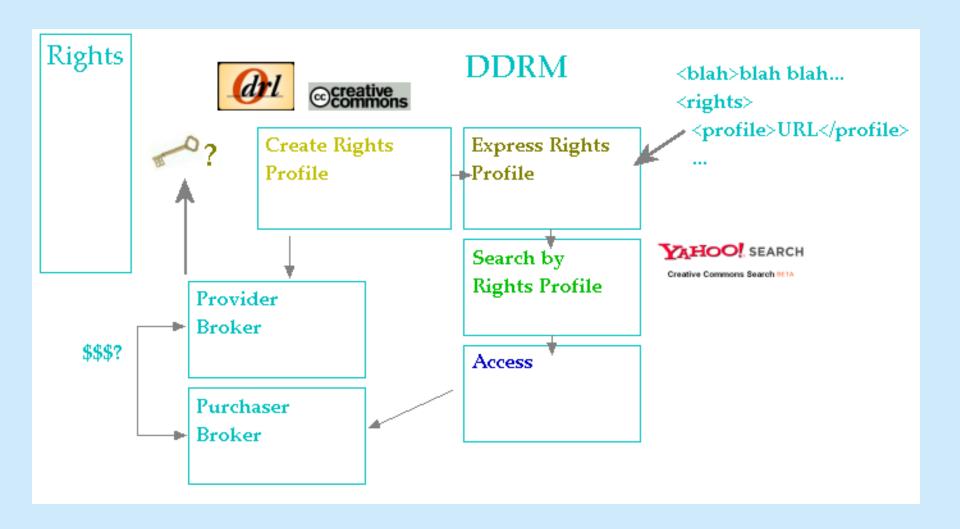


Repositories



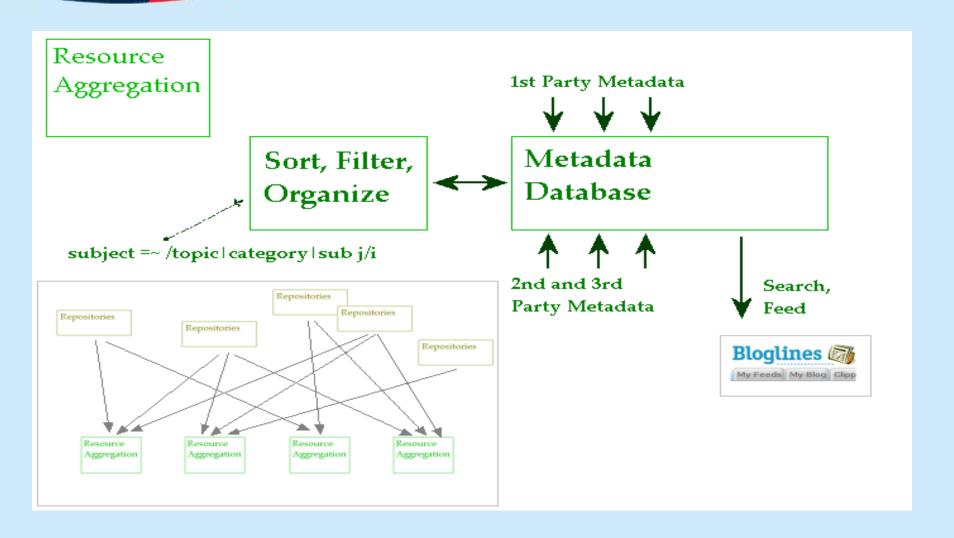


Rights



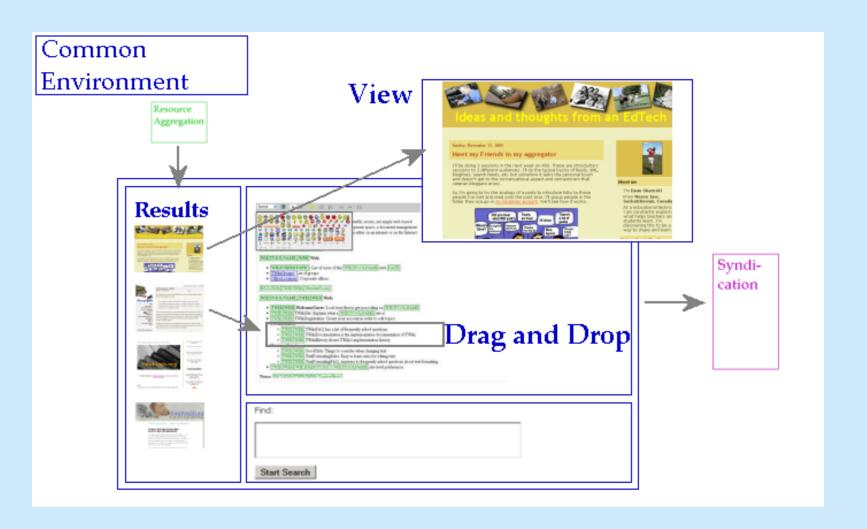


Resource Aggregation





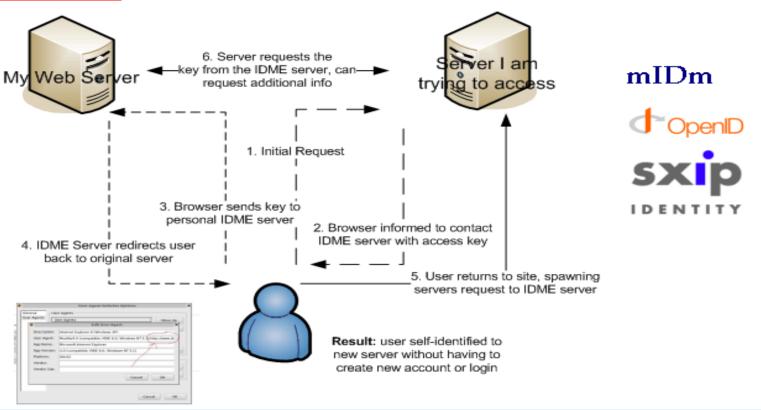
Common Environment





Personal Identity

Personal Identity





Environment Interface

Environment Interface

Common Environment

XSLT +



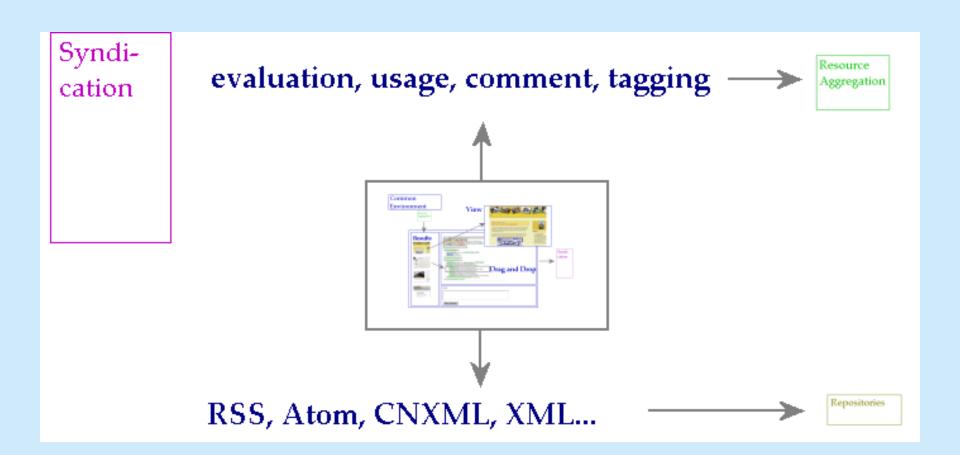




Workflow... games... simulations... appliances... courses...

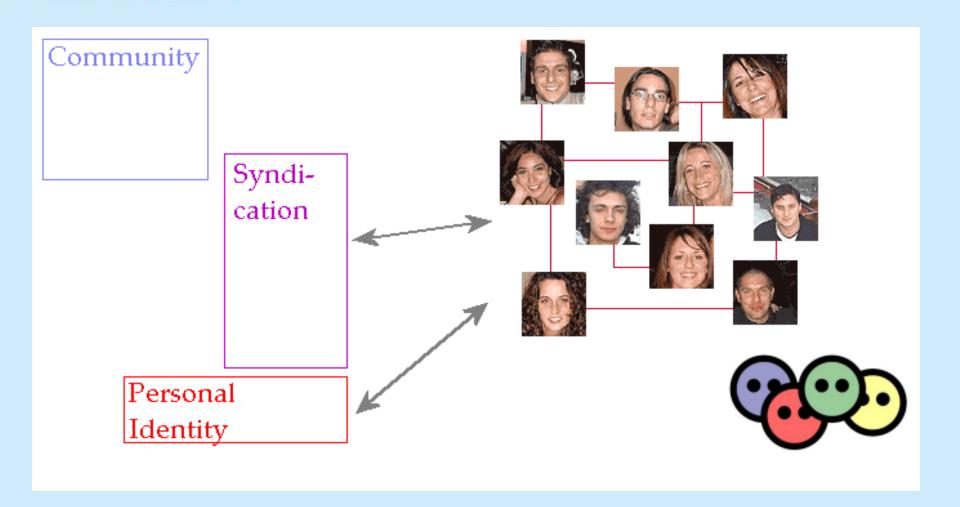


Syndication





Community





What is Radical? (5)

- To be radical is to grasp empowerment and define a vision based on that empowerment for a better, freer society...
- "...a society where knowledge and learning are public goods, freely created and shared, not hoarded or withheld in order to extract wealth or influence."



Coda (Aerial: A Coral Room)





There's a city, draped in net Fisherman net And in the half light, in the half light It looks like every tower Is covered in webs Moving and glistening and rocking It's babies in rhythm As the spider of time is climbing Over the ruins There were hundreds of people living here Sails at the windows And the planes came crashing down And many a pilot drowned And the speed boats flying above Put your hand over the side of the boat What do you feel?

http://www.katebush.com/

NRC CNRC

Institute for Information Technology



Science --at work for___ Canada



