

Learning Networks

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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?

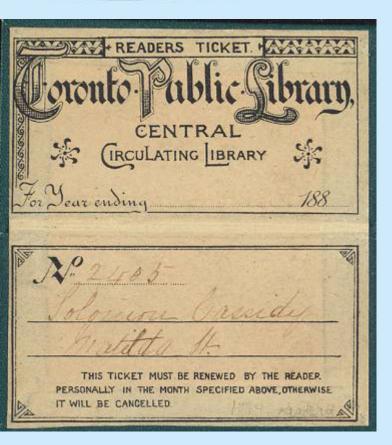
Learning...

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



Foundational 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/

Radical Ideas...

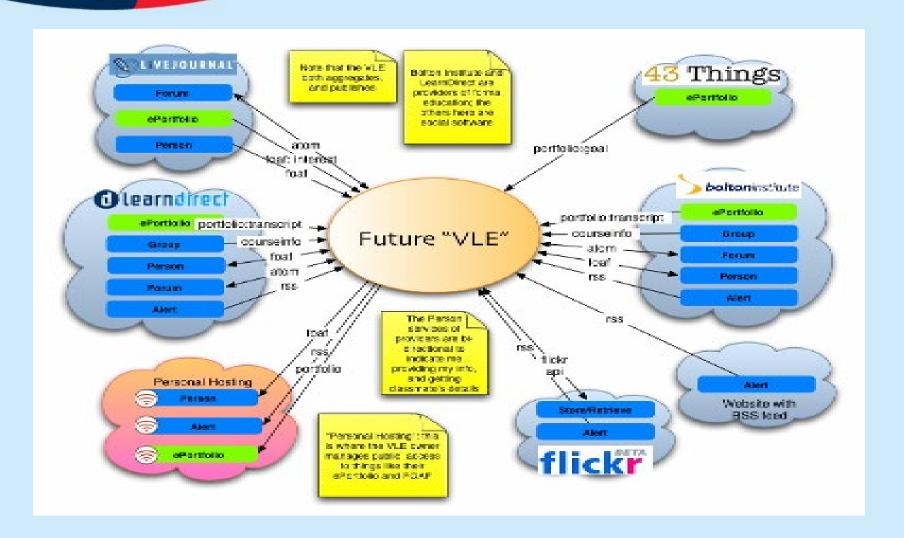
Three Principles of Effective E-Learning:

- <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...



E-Learning 2.0...

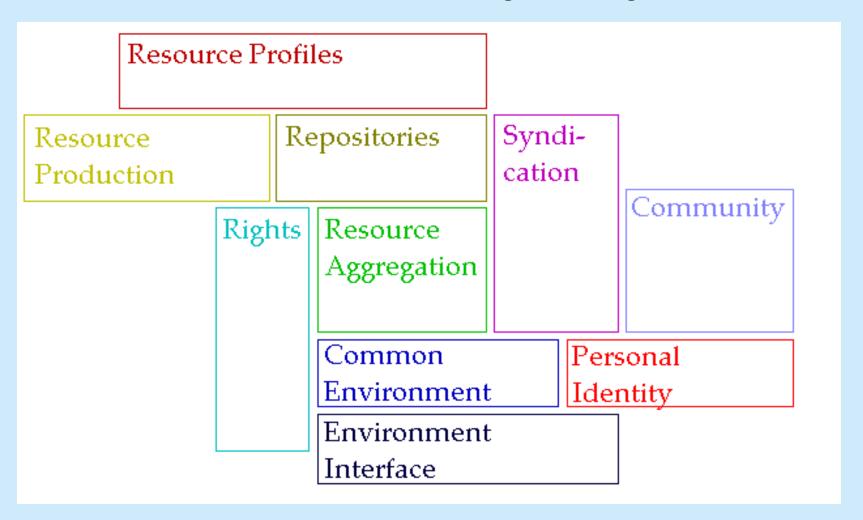


http://elearnmag.org/subpage.cfm?section=articles&article=29-1



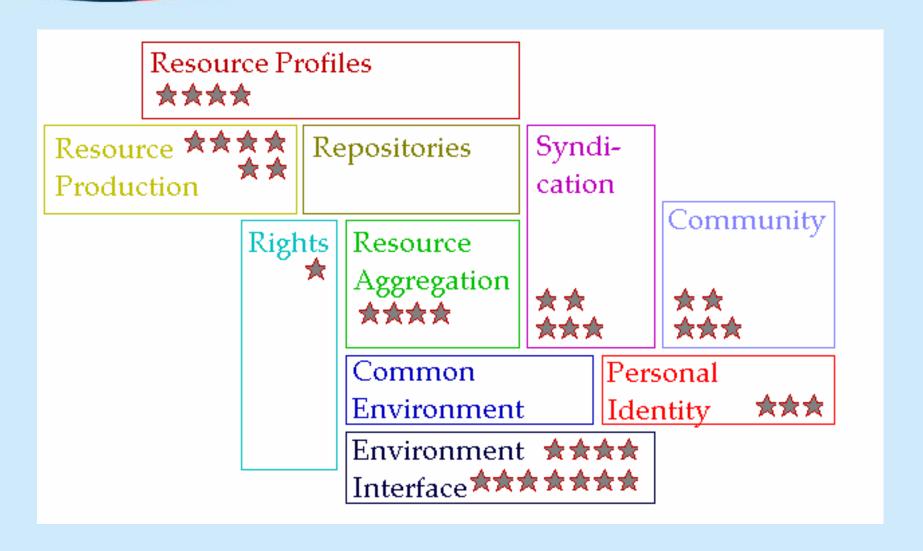
Architecture

Rethinking Learning Resources...



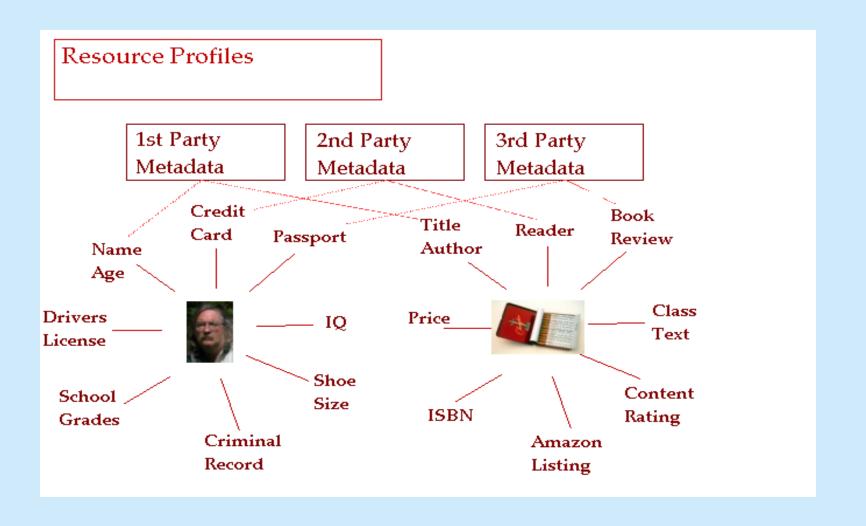


The NRC Connection...





Resource Profiles





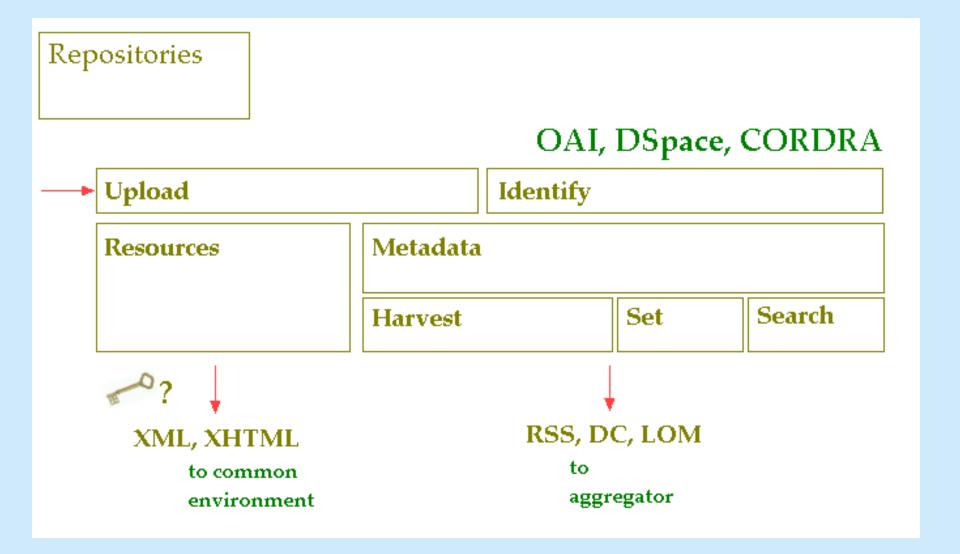
Resource Production

Resource Production



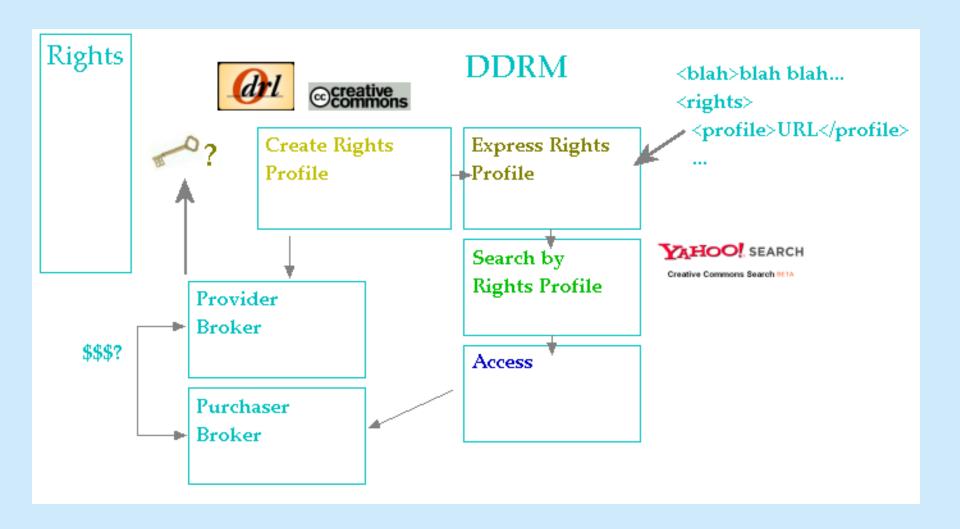


Repositories



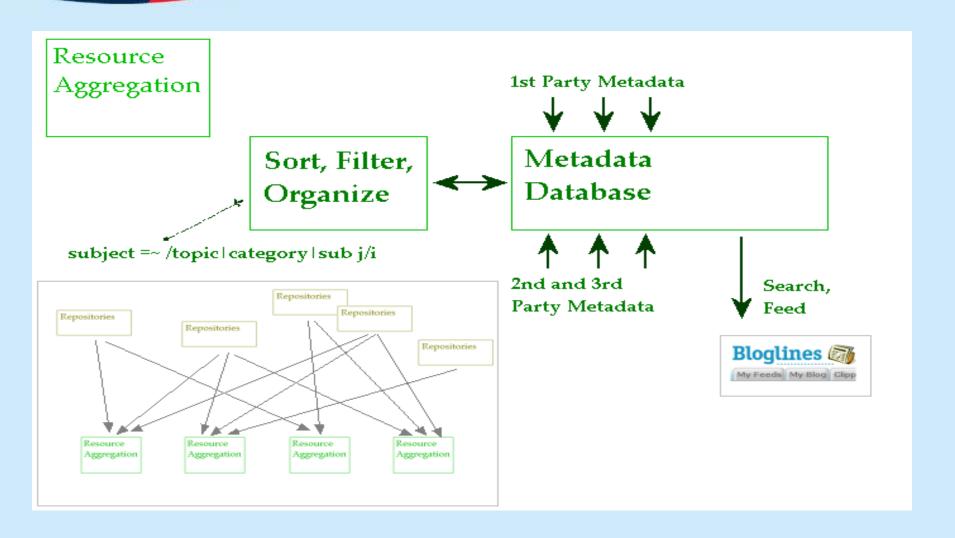


Rights



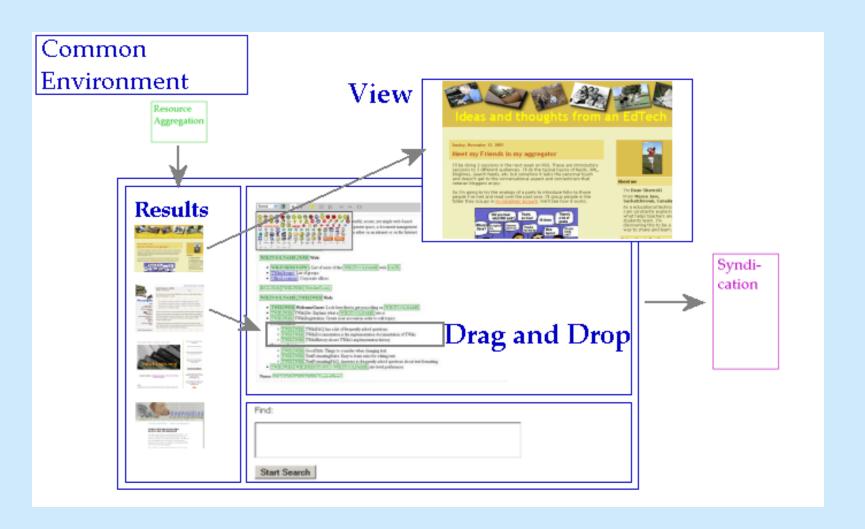


Resource Aggregation



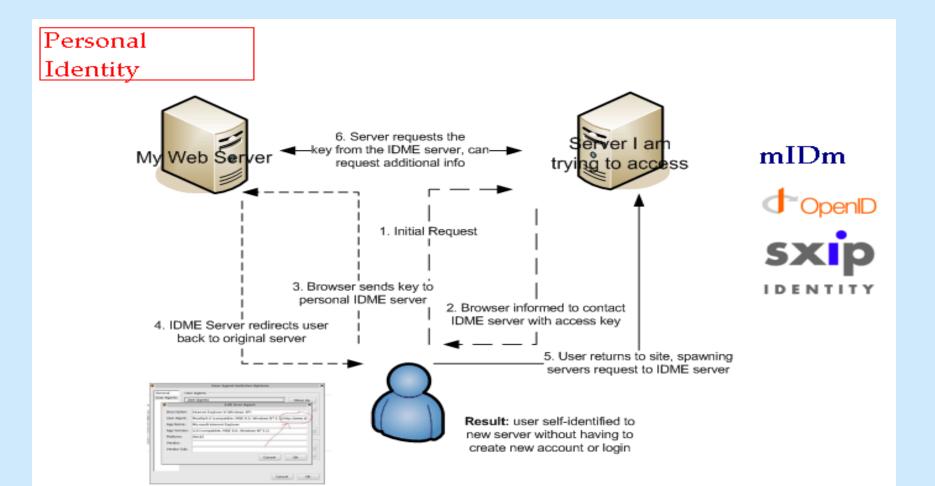


Common Environment





Personal Identity





Environment Interface

Environment Interface

> Common Environment

XSLT +

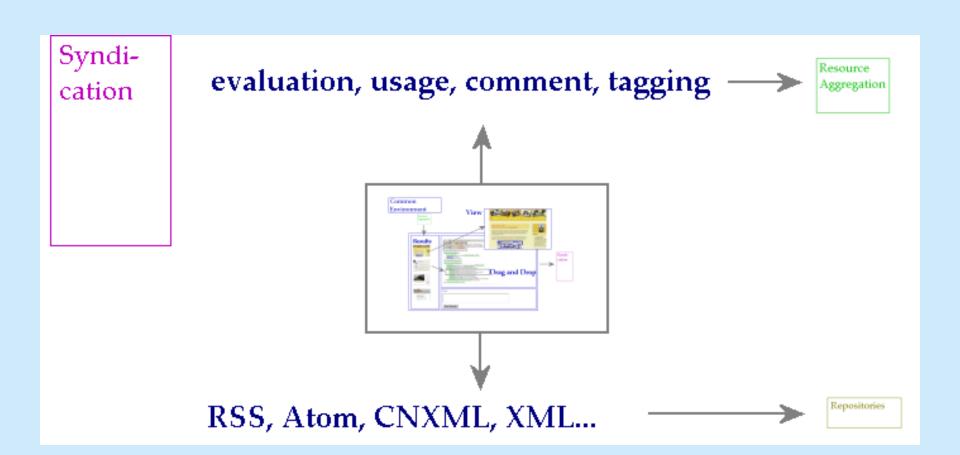




Workflow... games... simulations... appliances... courses...

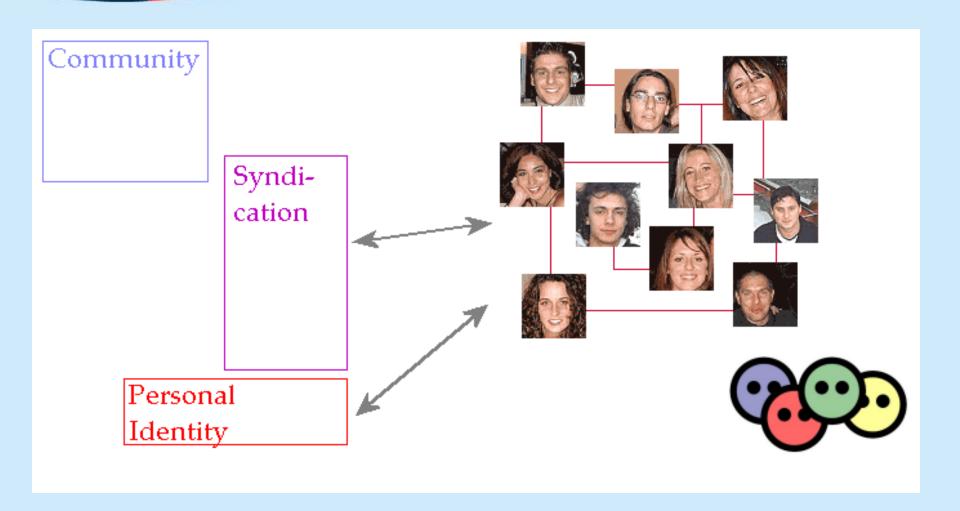


Syndication





Community



NRC CNRC

Institute for Information Technology



Science --at work for___ Canada



