Examining Open (Source) Communities as Networks of Innovation: Implications for the Adoption of Open Thinking by Teachers

by Alec Couros
Social Sciences Conference, 2006
Rhodes Greece
Outline

Introduction to the Open Movement

Paradigm Shift/The Open Mindset

Roots: Open Source Software

Open Content

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Implications for Teachers & The Development of Innovative Communities

Resources & Contact
Paradigm Shift/The Open Mindset
The Open Movement

... part of an evolving paradigm

Adapted from Downes 2004
The Open Movement

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Opposing Forces
The Open Movement

... part of an evolving paradigm

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Open vs. Closed

Adapted from Downes 2004
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To:
“Given enough eyes, all bugs are shallow.” (Torvalds, 1997)

“In a world without walls or fences, you don’t need Windows or Gates” (Interview, 2005).
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From my perspective, I classify the open source movement as a culture, an ideology, and a better way for humans to work together on shared pursuits.
A New World of Information & Collaboration

Google Maps

Zoom Quilt

Post Secret
Roots: Open Source Software
Familiar Images
The Not So Familiar
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The Creative Commons website (and related activities) has become an important presence in the development and warehousing of open content.
Using the Creative Commons

Creative Commons is a nonprofit that offers a flexible copyright for creative work.

- **Audio**
  - music, sounds, speeches...

- **Images**
  - photos, illustrations, designs...

- **Video**
  - movies, animations, footage...

- **Text**
  - books, blogs, essays...

- **Education**
  - lesson plans, course packets, textbooks...

**Find**
Music, photos, and more

**Publish**
Your stuff, safely and legally

Learn more...

Creative Commons offers a flexible range of protections and freedoms for authors and artists. We have built upon the "all rights reserved" of traditional copyright to create a voluntary "some rights reserved" copyright. We're a nonprofit. All of our tools are free.

Recent Features
Open Content Implications

The eGranary Digital Library

Delivering Digital Teaching Materials to African Universities
Blogs & Wikis
Blogs
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- Simple syndication and subscription through various aggregators (no need to check page for updates).
Blogs for Every Purpose
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Social Action
Diaries
Business
Politics
Scholarly
Course Enhancement
Conference
Collaborative Learning Space
Knowledge Management
Photo/Moblogs
Podcasts
Social Action Blogs
FALLUJAH IN PICTURES
PICTURES FROM FALLUJAH THAT PROBABLY WON'T BE ON YOUR TELEVISION.
EMAIL CONTRIBUTIONS TO FALLUJAHPICTURES@GMAIL.COM.

TUESDAY, NOVEMBER 16, 2004
reconstruction

FALLUJAH, IRAQ: Iraqis carry a body in a bag as they walk down a street as US Marines with 3/5 Marines Civil Affairs

WARNING WARNING WARNING These images are extra...
if you lived here, you'd already be home.
WASHINGTON (AFP) - The US military promise...
A video grab by television pool shot by U.S. ne...
Please be respectful of one another and the dead w...
U.S. Marines inspect a body after a battle with ...
A blood stained Iraqi man cries in a hospital...
Ten days ago these men were alive.
An Iraqi nurse treats 2-year-old child Mustafa A...
Social Action Blogs

The South-East Asia Earthquake and Tsunami Blog

aka the SEA-EAT blog. News and information about resources, aid, donations and volunteer efforts.

Tsunami Help Home  Enquiry  Missing Persons  News Updates  Help Needed  Help Offered

SUNDAY, MAY 01, 2005

450,000 kids to be given vitamin A in coastal Sri Lanka

The UN children’s agency UNICEF said today it has teamed up with Sri Lanka’s government to give vitamin A to 450,000 children living in coastal areas hit by the December tsunami. Vitamin A deficiency impairs a child’s immune system and increases the severity of childhood diseases, as well as leading to poor eye sight and even blindness. <>

“With the tsunami and subsequent population displacement, people have lost their natural sources of food and are exposed to unclean water sources and inadequate sanitation facilities, all of which could increase the risk of childhood diseases,” said Geoffrey Keele, a communication officer at UNICEF. Sri Lanka was the second worst-hit country after Indonesia by the tsunami. It killed more than 31,000 people here and made 900,000 others homeless.

(Source: Associated Press)

Stray at 8:37:00 PM | 0 comments | Post Comment | Want to help? | ▶

India gives survivors of tsunami 2p in compensation

There was anger and astonishment in India’s Andaman and Nicobar Islands this week after the Indian government started handing out compensation cheques to survivors of December’s tsunami - for as little as two rupees (2p) each.

Residents of the Islands, the area of India worst hit by the Boxing Day tsunami, have felt abandoned by the
Blogs in Education
Blogs in Education

WHAT'S INSIDE

Login to your blog
Start your own blog!
UThink FAQ
Ways to Use Blogs
How to use Movable Type
Templates
Service Guidelines and Description
Blog Directory
Categories in UThink
Into the Blogosphere
Home

Uthink
BLOGS AT THE UNIVERSITY LIBRARIES

Bringing weblogs to the students, faculty & staff of the University of Minnesota.

WELCOME TO UTHINK: BLOGS AT THE UNIVERSITY LIBRARIES

UThink is available to the faculty, staff, and students of the University of Minnesota Twin Cities, and is intended to support teaching and learning, scholarly communication, and individual expression for the U of M community. All you need to login and start blogging is your U of M Internet ID and Password. If you have any questions or comments, please send us an email at uthink@umn.edu. Give it a try today!

April 28, 2005

GOOD NEWS!

Many users of UThink probably don’t realize this, but we are using an older version of Movable Type (the software that runs this site). Currently, we are using MT 2.661 and while it has served us well there is a new version of Movable Type that we think will work a lot better. Well, it took us a while, but we have finally purchased a license to Movable Type 3.16. Movable Type 3.16 will provide the same functionality you’ve grown accustomed to through UThink, but it offers a whole lot more:
Blogs in Education

weblogs.ucalgary.ca
Sharing the knowledge that makes up the University

weblogs.ucalgary.ca - sharing the knowledge of the University

This is an experimental shared content publishing system, providing weblogs, polls, and collaborative book writing to students, faculty and staff of the University of Calgary. If you have any questions, or would like to know more about the service, please contact the weblog administrators.

Top 10 new technologies

I came across this on Denise K.’s blog Librarian’s Rx. It outlines what the Top 10 up and coming technologies might be. I haven’t even heard of most of them. It’s published in the May 2005 issue of Technology Review. On the list are such goodies as airborne networks, quantum wires and bacterial factories.

By the way – I love the new WYSIWYG editor – much more user friendly. Also kudos on the beautiful photo on the home page, an excellent choice.

Michelle
Welcome

Welcome to the Home Page of the Faculty of Education at the University of Regina. We are pleased that you are considering a program of studies that could lead to a Bachelor of Education, Bachelor of Education After Degree, Postgraduate Diploma in Education, Master of Education, Master of Vocational/Technical Education, Master of Human Resource Development, or a Ph.D.

The Faculty of Education at University of Regina serves society by educating classroom teachers and preparing educational leaders. As indicated in our Mission Statement, we are committed to making the world a better place by enhancing and expanding educational opportunities for all learners. We do this through our teaching, research, and community outreach activities.

The Faculty of Education offers many exciting possibilities for individual and collaborative projects that are focused on examining, critiquing, and improving teaching-learning opportunities for children, youth and adults. We invite you to join us in developing these projects and in contributing to educational change that is responsive to and respectful of the diverse needs of learning communities within and beyond Saskatchewan.
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Probably the most popular wiki is Wikipedia, but other wikis include Wikitravel, Wikibooks, Wiktionary, Wikiquote, Wikinews, Wikispecies and Wikicommons.
The **University of Regina** (UofR) is a degree granting institution located in the southeast quadrant of Regina, Saskatchewan, Canada. The main campus is bounded by the streets of Wascana Parkway and University Drive. The UofR presently has a population of over 12,500 full and part-time students.

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### History

In **1911**, Methodists established a residential high school called Regina College on College Avenue starting with an enrollment of 27 students. In **1925**, it became a junior college of the University of Saskatchewan (UofS) upon which it started to offer first year classes in arts and sciences. In the 1930s, the range of courses was extended as the campus was transferred to the control of the UofS.

In **1961**, the college was granted full-degree granting status and officially became part of the UofS, and thereby know as Regina Campus. The arts and sciences programs evolved with the growth of the Regina Campus, which held its first convocation in 1965. A Faculty Council was formed with the goal of making the campus autonomous. In **1974**, the University of Regina was established as an independent institution.

In the summer of 2005 the University of Regina will be host to the Canada Summer Games. Many events will take place in the newly completed Center for Kinesiology and Health Studies (CKHS). The administration of the games will proceed from the University of Regina Students Union (URSU) offices.

### Federated Colleges
Social Networks in the Main/Meme Stream
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- Object-centred sociality - the idea that successful social networks are based on both individuals and shared objects.
FOAF Networks
FOAF Networks

Friendster is the fun and safe way to organize your social life

New to Friendster?
Join now - it's free and takes less than a minute to sign up.

Join Now

Already a member?

email: alec.couros@uregina.ca
password: ********

Remember my email

Log In

Forgot your password?
Problems logging in?

Find out why more than 13 million people have joined Friendster, the FREE online service to:

- Stay in touch with your friends
- Find and reconnect with old friends
- See how your friends are connected

- Be reminded about friends' birthdays
- Meet new people through your friends
- Have fun browsing people who share similar interests

Learn More >>
Social Bookmarking Services
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**File Extentions**
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- by artya72... on 2005-05-02 00:38:16
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- to google vi corporate by hanamura... on 2005-05-02 00:38:09
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**Boing Boing: Xeni Get Your Gun**
- The worst of Boing Boing to date. Ooh, you're so edgy that you decided wouldn't it be cool to shoot a real gun. Why not, right? So cool for having thought of it first, eh? Meh. First pr0-er-porn, then bukkake, now guns. How hip. Snooze.
- to boingboing/itsome stupid oldnews by tomharpel... on 2005-05-02 00:38:08
- copy this item

**SOCKS 5 FREE PROXY LIST - ONLINE PRIVACY, ANONYMOUS SURFING, PROTECT PRIVACY - FREE SOCKS 5 PROXIES LIST IS MAINTAINED REALTIME: NEW PORT 1080, IRC PROXY LIST, MIRC PROXY, MSM MESSENGER, SOCKS, WINGATE PROXY.**
- to anonymous socks proxy list by astro1138... and 1 other person... on 2005-05-02 00:38:05
- copy this item

**The P G Wodehouse Society**
- to Books by Pipstow... on 2005-05-02 00:38:05
- copy this item

**HappyCow- Vegetarian Restaurants - Health Food Stores- San Diego, California**
- to sendiego vegan food by rkokzik... on 2005-05-02 00:38:04
- copy this item

**CSS Image Maps - Flickr-like Technique?**
- to css map map by ill... and 354 other people... on 2005-05-02 00:37:55
- copy this item

**:c**
- rails blog with code good code snippets
- to rails blog programming by luke0x... and 3 other people... on 2005-05-02 00:37:53
- copy this item

**Overstimulate**
- Jesse Andrews’ blog

**most active**
- blog
- software
- programming
- design
- music
- mac
- web
- osx
- css
- reference
- art
- news
- blogs
- linux
- tools
- apple
- javascript
- java
- iger
- photography
- politics
- humor
- games
- fun
- webdesign
- howto
- cool
- books
- tech
- funny
- search
- google
- internet
- development
- rss
- technology
- python
- ...
Social Bookmarking Services

Zniff beta updated

Zniff - "the human search engine" that uses information from Spurl.net to find and rank web pages has been upgraded. We call it beta #2

The new version is faster, more stable and among other things allows you to sort results by time and subscribe to query results via RSS.

check it out...

Welcome back courosa.

Hot spurs

- Essential bookmarks for web designers and web developers (by 19 within timeframe)
- Home - Torrent Typhoon - Search All Major BitTorrent Sites In One Place (by 15 within timeframe)
- MakeZine.com: Free TiVo: Build a Better DVR out of an Old PC (by 13 within timeframe)
- The 46 Best-ever Freeware Utilities (by 11 within timeframe)
- www.freetechbooks.com :: Index (by 11 within timeframe)
- Xtra-Google (New) The Best of Google on one searchable page (by 5 within timeframe)
- Tiny Management for Artists: The Movie (by 3 within timeframe)
Photo Sharing Communities
Photo Sharing Communities

Tags / whatsinmybag

You're looking at all the public photos tagged with whatsinmybag.

Related:
whatsinyourbag, bag,
whatsinyourbag

See also:
stuff, contents, whatsinmybag, purse, gadgets, backpack, timbuk2

CBC.ca RSS
Get the latest news stories and choose the news you want.
cbc.ca/rss

Free Blog
Create Your Own Blog - Its Free Post, Publish, Get Feedback
Photo Sharing Communities
Photo Sharing Communities
Implications for Teachers & The Development of Innovative Communities
Developing ECMP 355/ECMP 455
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- Students used Spurl to keep track of online resources, and lists were shared through aggregation.
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- Students also developed their own blogs, and students used Bloglines (web-based aggregator) to keep track of student posts.
- Students used Spurl to keep track of online resources, and lists were shared through aggregation.
- An interactive course directory was developed to track student progress and to was used to help build relationships between the students and instructor.
The Reality of Happy Slapping

This last semester, I’ve mentioned happy slapping a fair bit, along with other aberrant, digitally-inspired behaviours. If you haven't heard of happy slapping, well it’s a phenomenon sweeping the UK in which an individual slaps or strikes a (usually) complete stranger while the incident is recorded on a video-enabled mobile phone. Of course, since such phones are also Bluetooth or MMS equipped, videos can be usually traded, shared and uploaded, and competition promotes one-upness.

A recent article by Carl Longino (via Boing Boing) helps to support the point that these incidents should be taken seriously, and instigators are violent criminals. Longino points to a video compilation by blogger Alfie Dennen which shows just how violent these attacks can in fact be.

If you are at all sensitive to violent video footage, skip it. However, if you want to see how bad this problem could get, you may want to take a look. Scary stuff.

Posted by courosa at 03:34 PM | Permalink | Comments (0) | TrackBack (0)
Week #8 Overview

Filed under: ECMP Main — courosa @ 1:53 pm

Well today we looked at telecollaborative projects and virtual environments. Of course, there is a list of telecollaborative projects on [Week #8 of the course site](http://example.com) that I have provided, and a simple Google search on telecollaborative projects will get you tons more. One of the projects I did not mention in class was the [Flat Stanley](http://example.com) project (as many of you are already aware of it). [Flat Stanley](http://example.com) made the news the other day as he attended the Oscars with [Clint Eastwood](http://example.com). Be sure to check [Tech Task #5](http://example.com) as it involves your research and description of a telecollaborative project.

For the rest of the class, we experienced a tour of the [TappedIn](http://example.com) environment. [TappedIn](http://example.com) acts as a virtual professional development environment for teachers, and can be an amazing resource. Check out the [TappedIn Calendar](http://example.com) for upcoming events.

Important Note: In lieu of the March 16th class, you will be asked to attend any March TappedIn PD session. You will be asked to describe the session in your blog. You may want to start looking for sessions of interest asap.

Thanks, and talk to you all next week.
Feed Aggregation

Bloglines provides two ways you can share your subscriptions with others. First, to enable sharing, you must make sure that your profile allows sharing. Once sharing is enabled, all of your subscriptions and folders become public. When viewing a subscription, you can click the 'Edit' link to toggle individual folders and subscriptions private. A private folder or subscription will not show up in either a Blogroll or in the /blog view, as described below.

Blogrolls

On many blogs, there are lists of links to other blogs. These lists are called blogrolls. You can incorporate your Bloglines subscriptions into your blog, as a blogroll, by including a small piece of HTML that loads a script from Bloglines. Use the following wizard to generate the HTML for your blog. If you leave the Folder field blank, all of your public subscriptions will be displayed. If you leave the Link Target field blank, links will load in same window as the blogroll.

Your User Name: couros
Folder to Display:
Link Target:

Generate HTML

Using CSS, you can customize the appearance of your blogroll. The blogroll has two <div> tags, which let you change the appearance of folder titles and subscriptions. For more...
<table>
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<th>Name</th>
<th>Email</th>
<th>Major Project</th>
<th>Portfolio</th>
<th>Blog</th>
<th>Blog RSS</th>
<th>Location</th>
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<td></td>
<td></td>
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</tr>
<tr>
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<td><a href="mailto:schellenberg@gmail.com">schellenberg@gmail.com</a></td>
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</tbody>
</table>
Continuing Developments
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Move to Moodle or Sakai vs. WebCT.
Continuing Developments

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- Use an open source video conferencing tool versus WebTrain.
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- Development of a Faculty wide blogging system.
- Continued promotion of the ICT 4 Teachers WebLog: a weblog for ECMP Alumni.
What Was Most Valuable?

Now that we are all done our ECMP class or classes, and are out in the working world (or will be there soon) … I was just wondering what everyone found to be the most valuable thing that they learned in ECMP. Or what do you think will be most valuable?

For me, ECMP 355 helped me to feel much more confident using computers, and incorporating technology into my lesson plans. Before that class I would have been lost trying to make a lesson plan that included the use of technology as a tool for learning. One of the most valuable things I learned in ECMP 355 was how to make a webpage. I was able to have my students make webpages during my internship, not only for personal use, but also for group projects.

The most valuable thing that I learned in ECMP 455 was Blogging!

What about everyone else?

0 Comments
Participant Activities
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- Open source software development
- Open publishing
- Open content development
- Advocacy
Perceived Benefits
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- Economics
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- Power of Networks
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- Adaptability/Transparency
- Economics
- Institutional Change
- Pedagogy/Critical Pedagogy
- Power of Networks
- Values/Free Culture
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- Technology skills/understanding of teachers
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- Technology decision making
- FUD
- Technology skills/understanding of teachers
- Perceptions of technology in the real world
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The following are key perceived barriers for openness (open thinking) being supported in educational environments.

- Lack of awareness
- Technology decision making
- FUD
- Technology skills/understanding of teachers
- Perceptions of technology in the real world
- Interoperability
Perceived Barriers

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- Lack of awareness
- Technology decision making
- FUD
- Technology skills/understanding of teachers
- Perceptions of technology in the real world
- Interoperability
- Power (control and domination)
What is open thinking?
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- Open thinking is defined as the tendency of an individual, group, or institution to give preference to the adoption of open technologies or formats in regards to software, publishing, content and practice. Open thinkers critique, question and seek to reject technologies or formats that compromise the power of adopters, especially in the freedom to use, reuse, edit and share creative works and tools. Open thinkers value group-based problem solving and give preference to tools that enable social collaboration and sharing. Open thinkers actively strive to replace adopted technologies and formats with open alternatives. Open thinkers advocate for the adoption of open technologies and practice.
Typical Teacher Network

Diagram showing connections between Curriculum Documents, Colleagues, Popular Media, Print & Digital Resources, and Family/Local Community.
The Networked Teacher
Issues For Supporting Open Thinking
Resources & Contact
Resources

- Creative Commons: http://www.creativecommons.org
- Flickr: http://www.flickr.com
- Spurl: http://www.spurl.net
- Delicious: http://del.icio.us
- The Open CD: http://www.theopencd.org
- Open Office: http://www.openoffice.org
- Blogger: http://www.blogger.com
- Wordpress: http://www.wordpress.org
- ECMP 455: http://education.uregina.ca/technology/ecmp455
Contact

Download this presentation from my blog:

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email: alec.couros@uregina.ca

or Google me: keyword ‘couros’