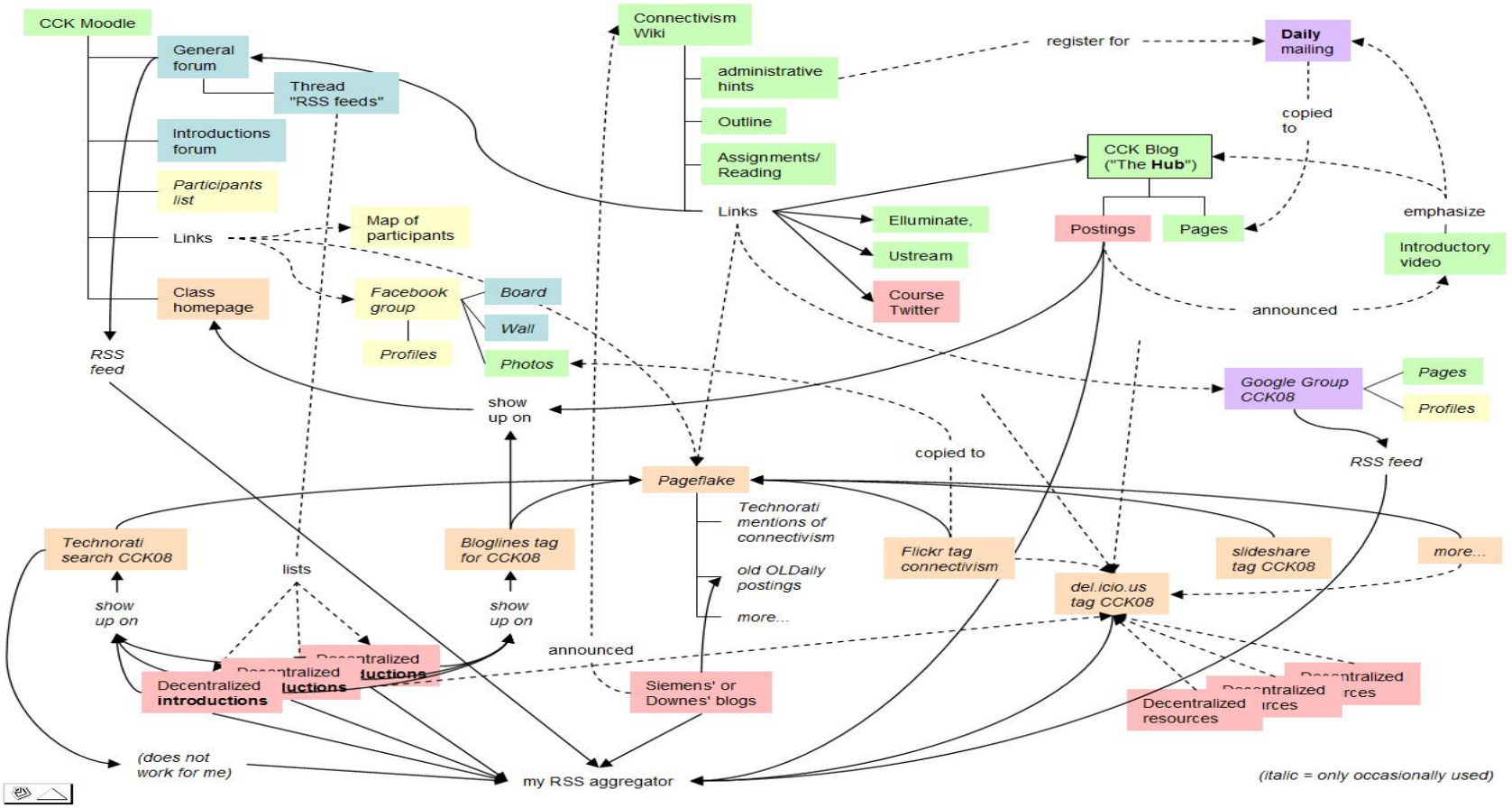
Connectivism & Connective Knowledge



The Best Example…

- 12 week course, readings, activities…
- The course on connectivism is probably the best (early) example of what we mean
  - We began with the course itself – what we wanted to cover
  - We then added communications tools
  - And then the students took over…

Overview…

- George Siemens and I ushered roughly 2200 students through a 12 week online course
- Some of these paid tuition and are getting credit, but most of them attended the ‘open’ course

The Course

- Offered through the University of Manitoba
  - 12 weeks long
  - credit in Certificate in Adult and Continuing Education and Certificate in Emerging Technologies for Learning
  - Explored the concepts of connectivism and connective knowledge

Connectivism

"At its heart, connectivism is the thesis that knowledge is distributed across a network of connections, and therefore that learning consists of the ability to construct and traverse those networks."

What Connectivism Is

http://halfanhour.blogspot.com/2007/02/what-connectivism-is.html

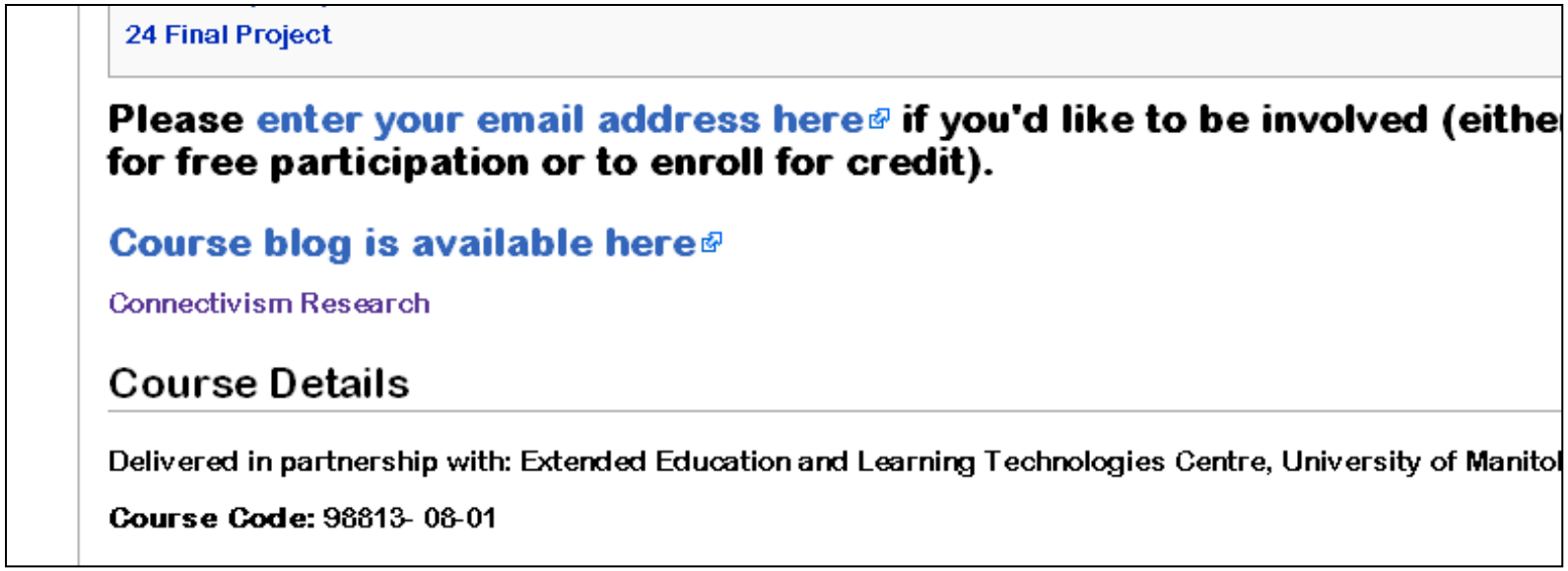
Course Components

- The Wiki…

http://ltc.umanitoba.ca/wiki/Connectivism

Course Components (2)

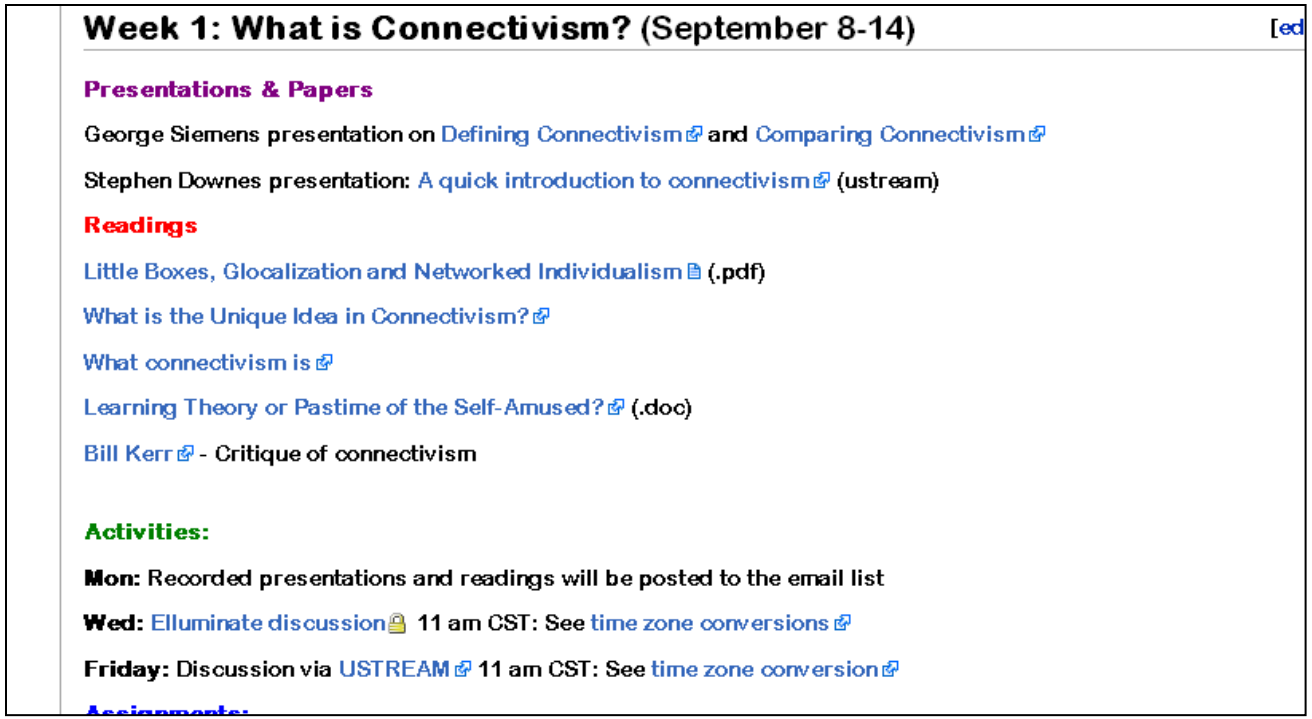
- Open Enrollment



- The course was advertised in both of our blogs…

Course Components

- Readings….



Week 1: What is Connectivism? (September 8-14) [ed

Presentations & Papers

George Siemens presentation on Defining Connectivism and Comparing Connectivism

Stephen Downes presentation: A quick introduction to connectivism (ustream)

Readings

Little Boxes, Glocalization and Networked Individualism (.pdf)

What is the Unique Idea in Connectivism?

What connectivism is

Learning Theory or Pastime of the Self-Amused? (.doc)

Bill Kerr - Critique of connectivism

Activities:

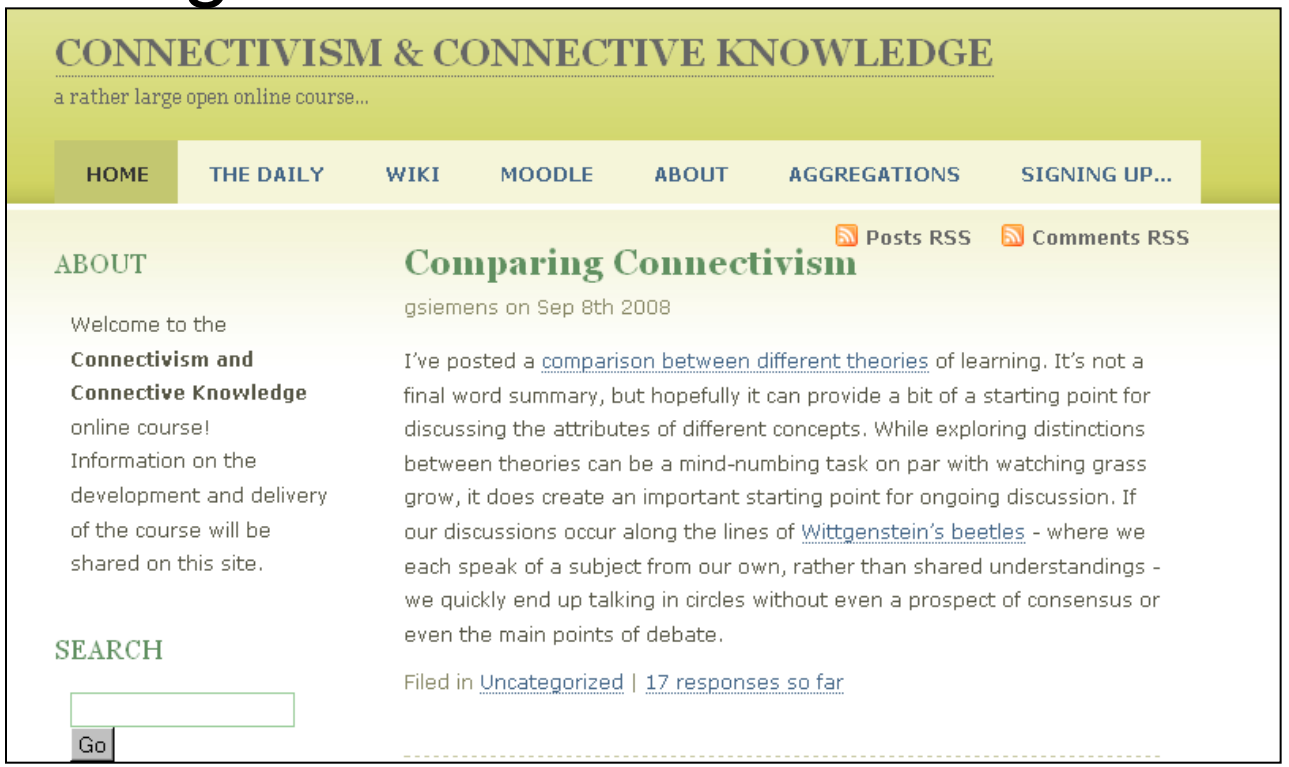
Mon: Recorded presentations and readings will be posted to the email list

Wed: Elluminate discussion 11 am CST: See time zone conversions

Friday: Discussion via USTREAM 11 am CST: See time zone conversion

Course Components (3)

- The Blog



http://ltc.umanitoba.ca/connectivism/

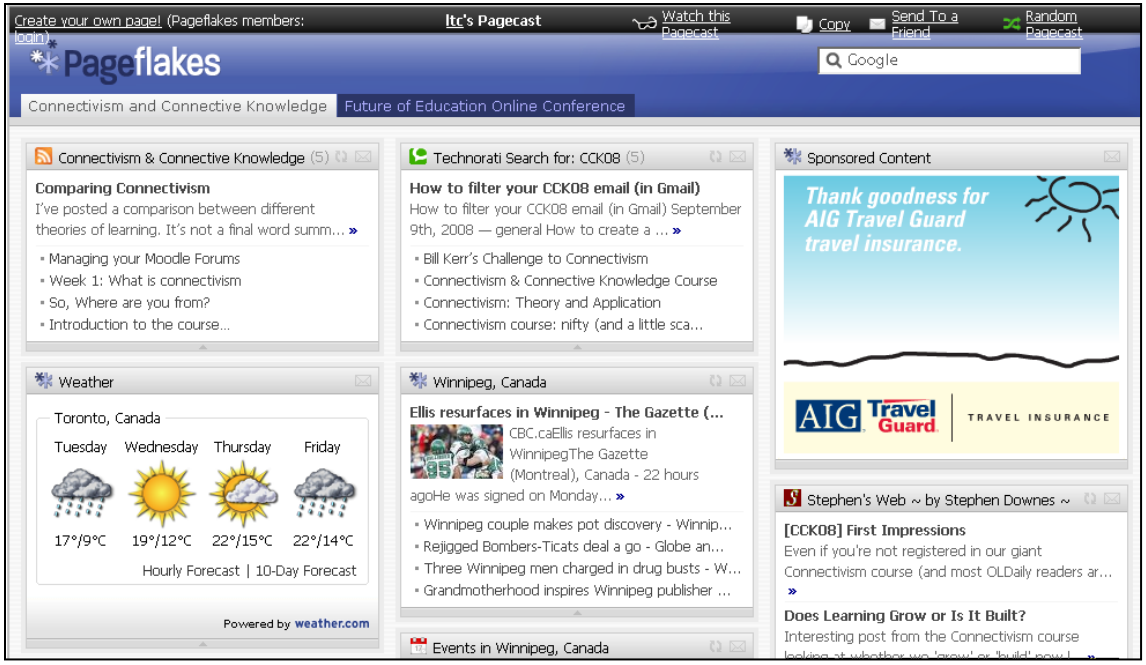
Course Components

- Course Moodle Forum

http://ltc.umanitoba.ca/moodle/course/view.php?id=20

Course Components

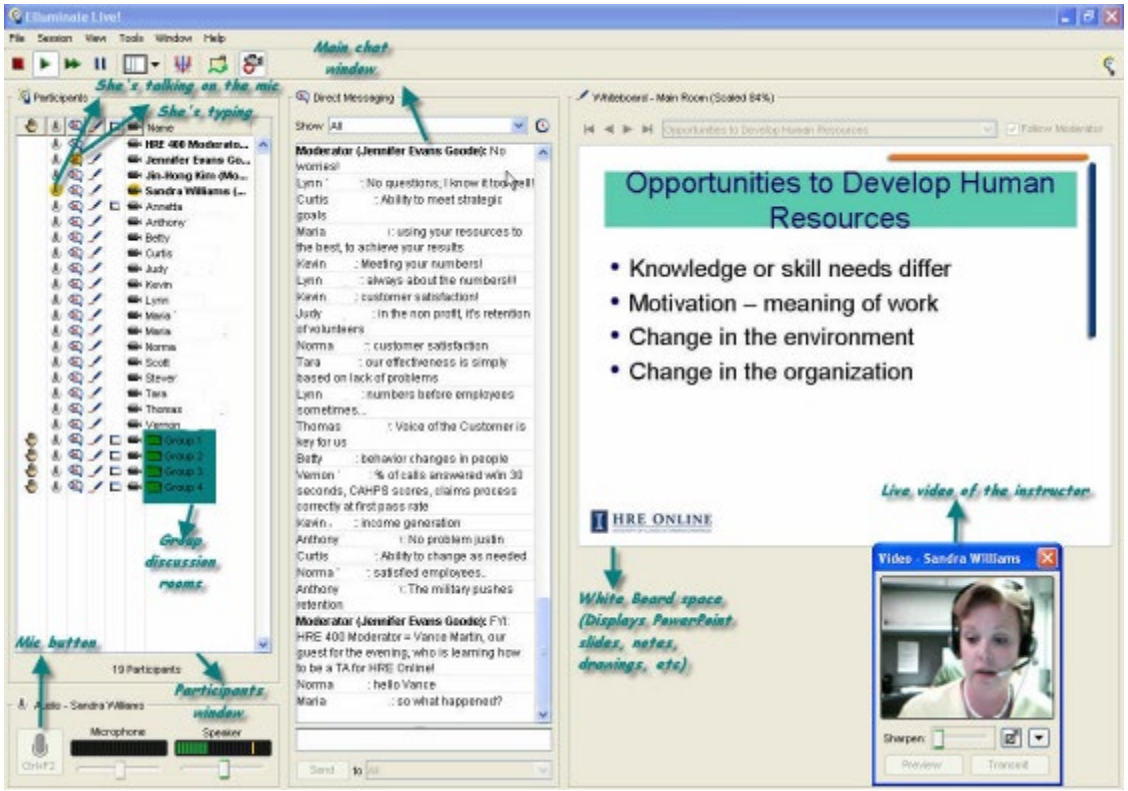
- Pageflakes Site



http://www.pageflakes.com/ltc

Course Components

- Elluminate Discussions (Wednesdays)



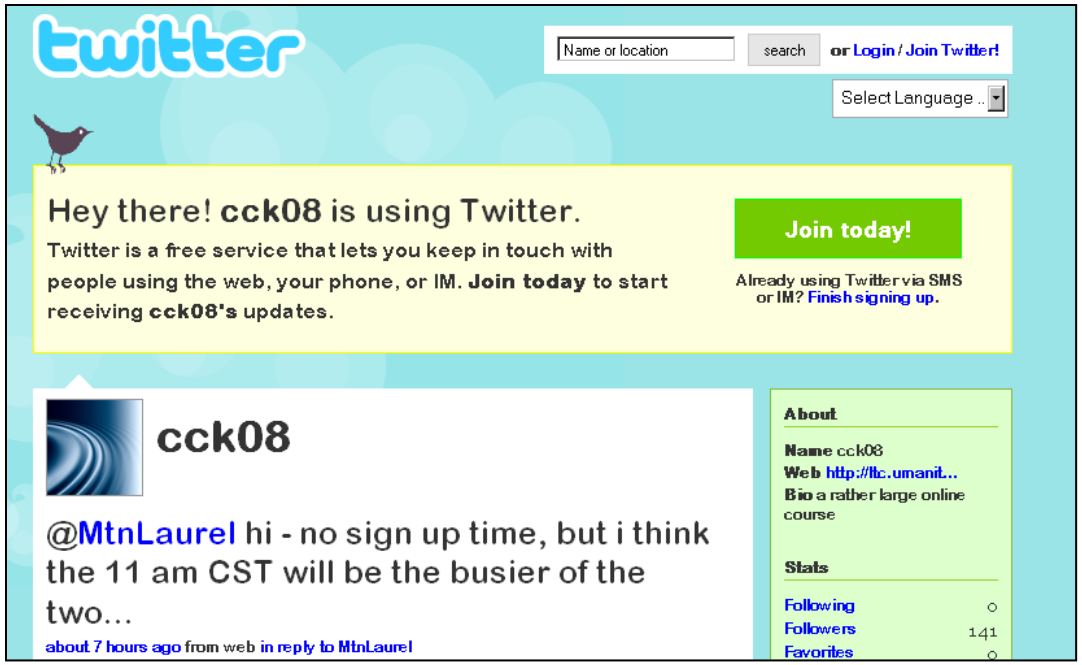
Course Components

- Ustream

http://www.ustream.tv/recorded/688902

Course Components

- Twitter…

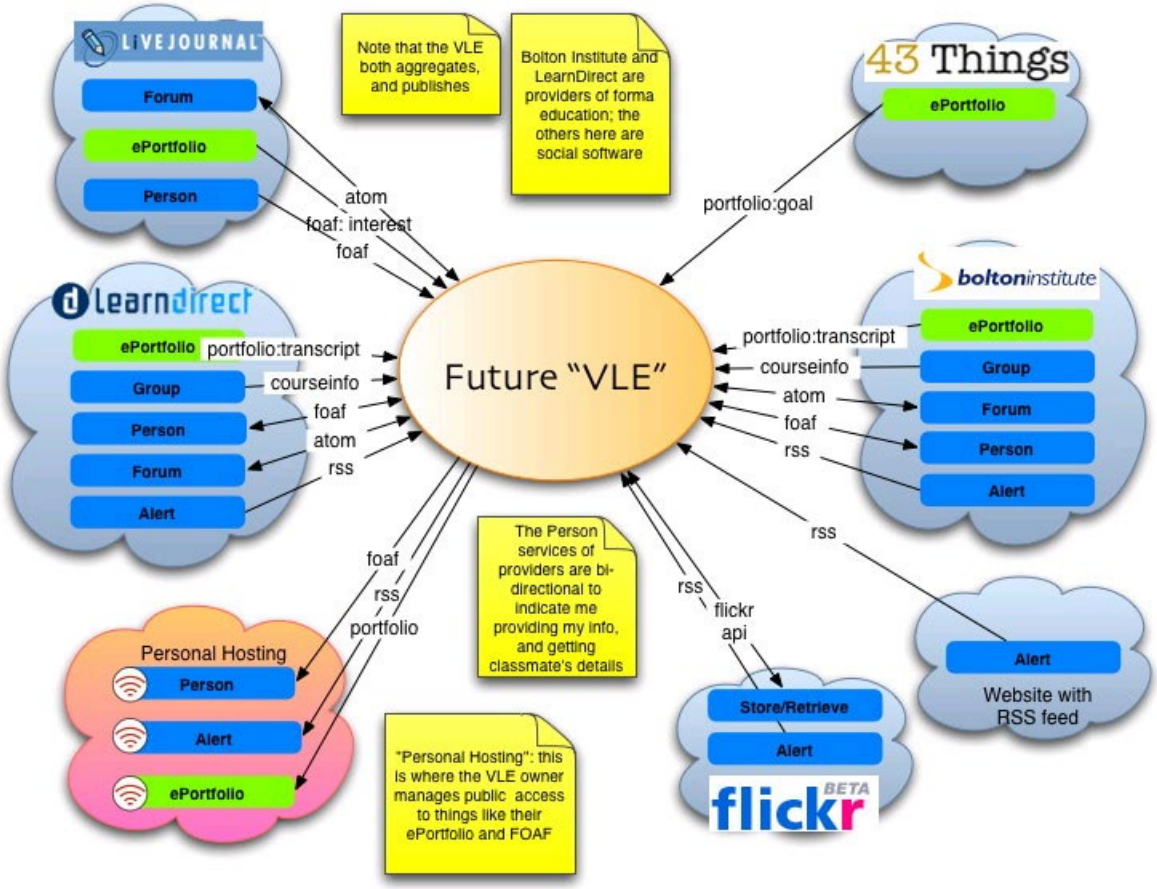


http://twitter.com/cck08

Course Components

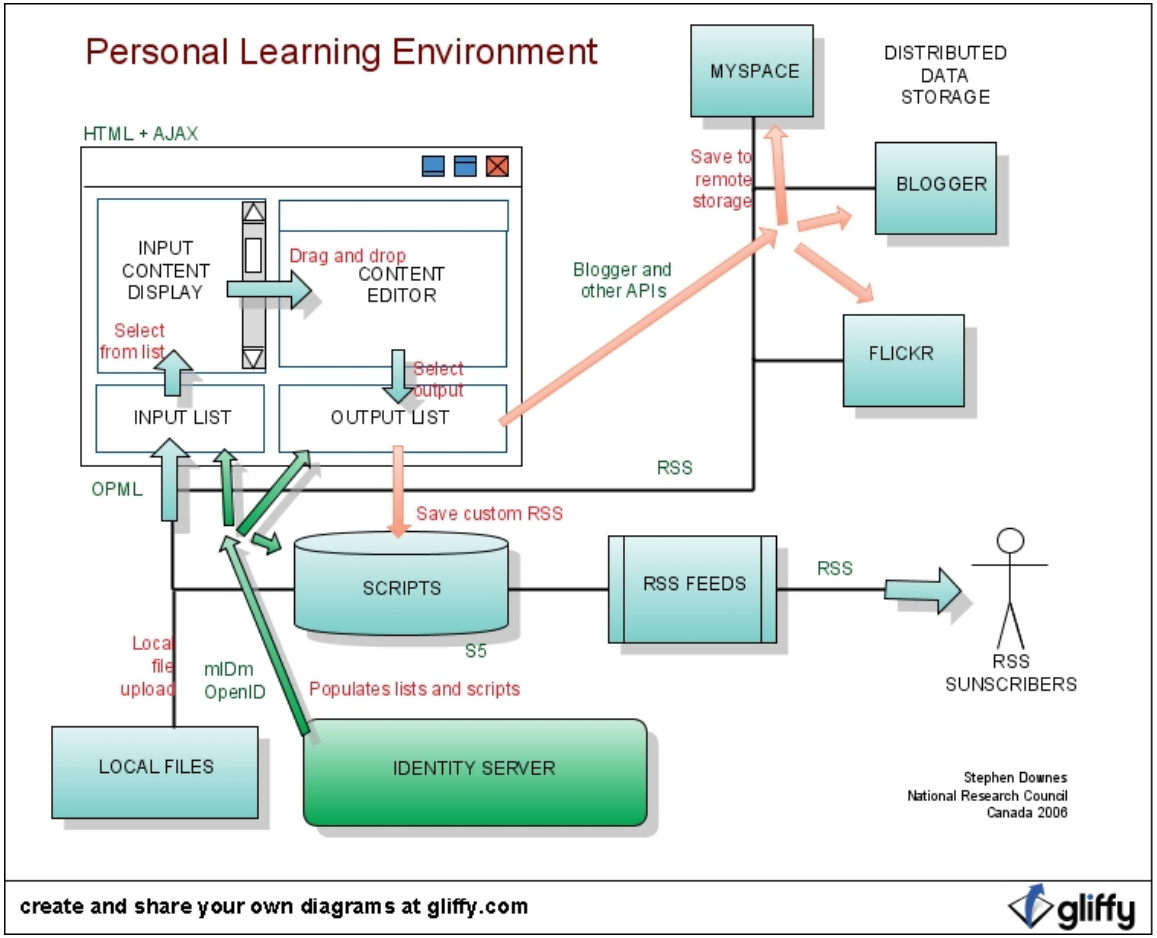
- gRSShopper…

The Main Idea



The web of the future isn't about visiting sites, it's about connecting resources.

Architecture

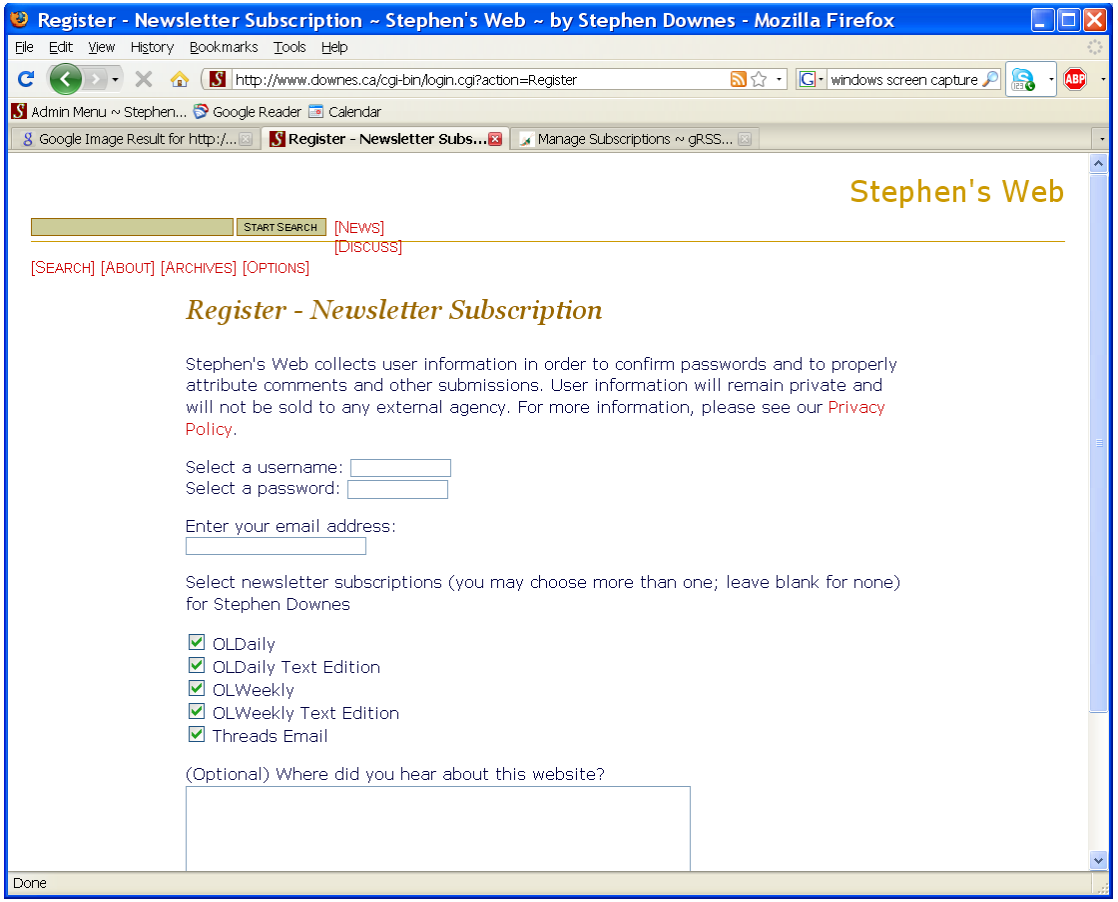


The application provides mechanisms to input, process, and distribute content.

Login

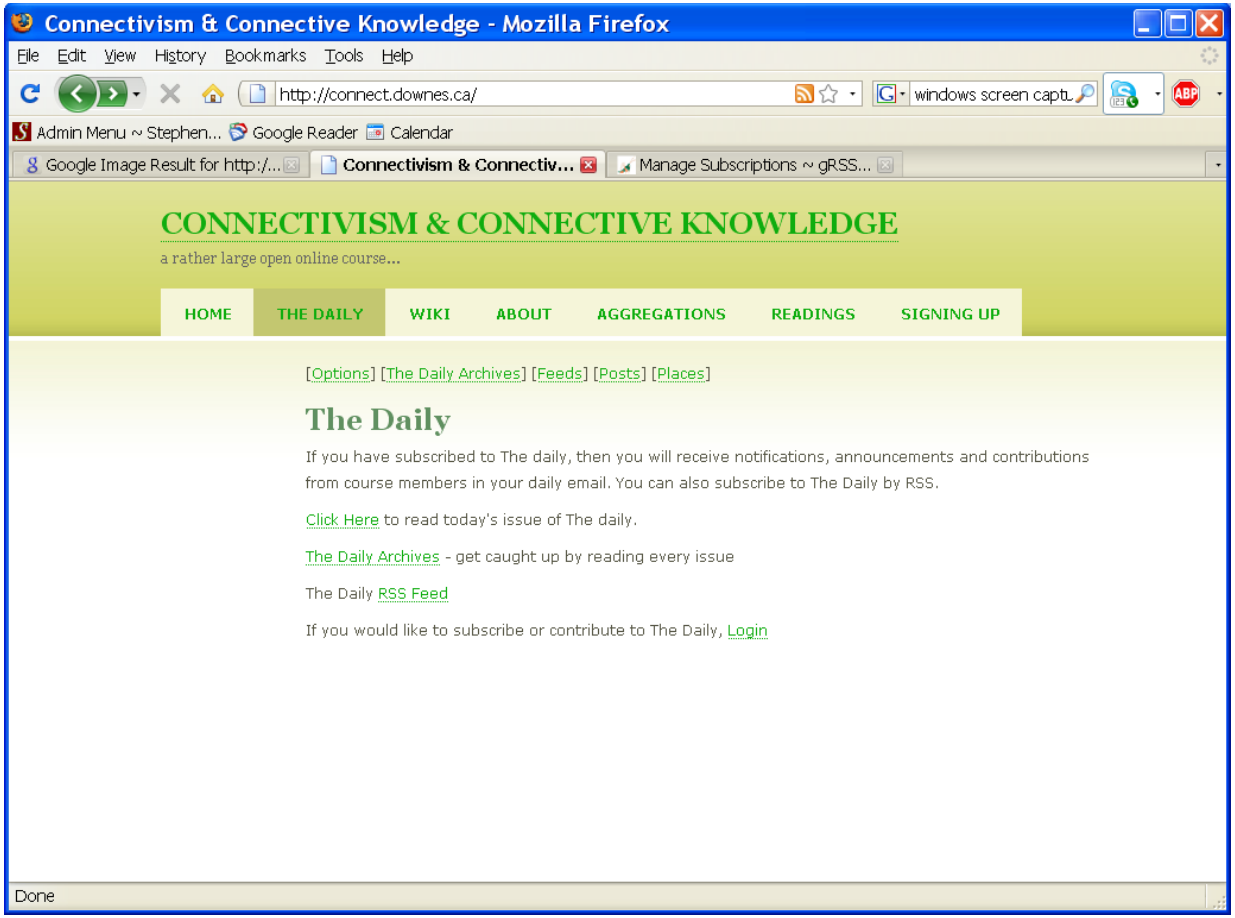
gRSShopper instances are *personal* sites intended to support single users or small groups (though visitors can sign in).

Subscriptions



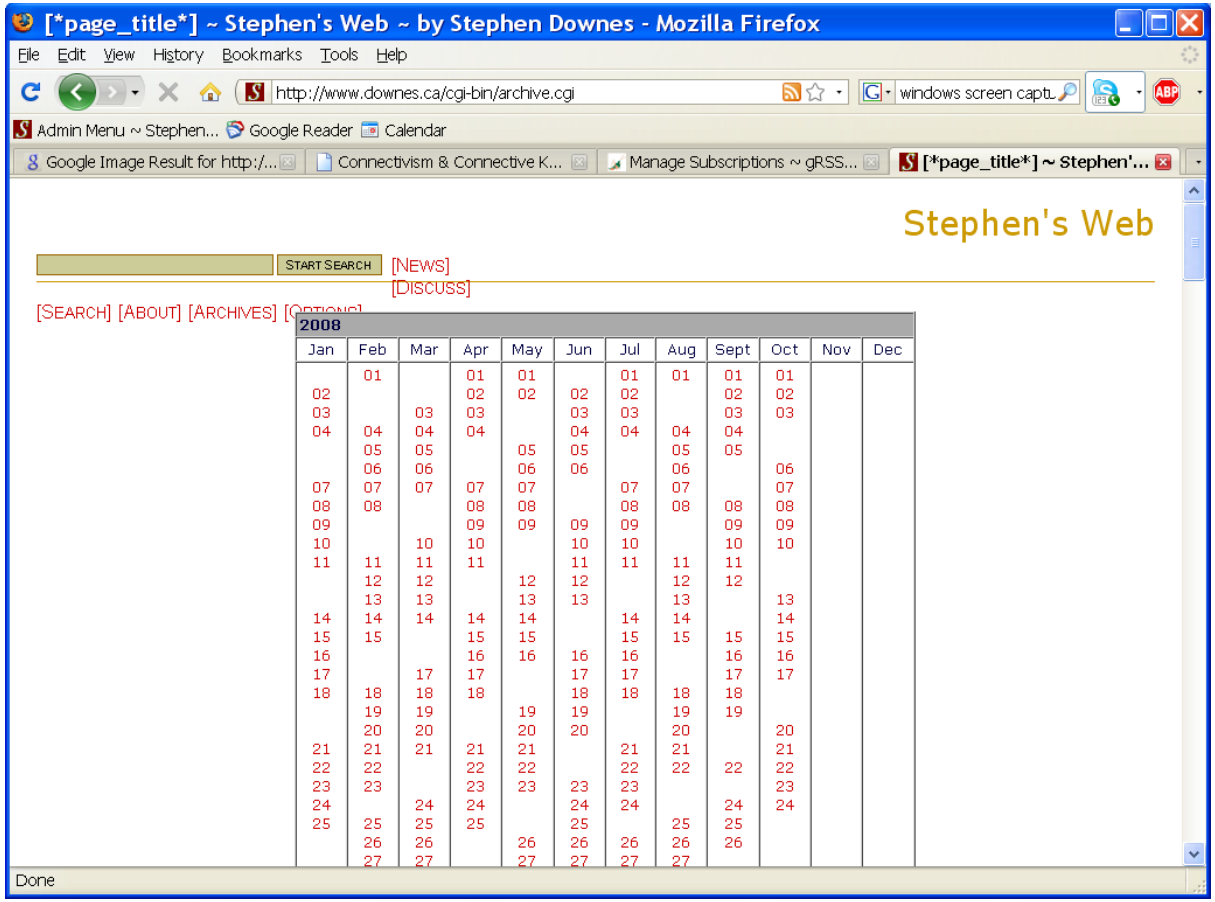
Visitors have a one-click way to subscribe to site newsletters (or they can sign up for RSS).

Custom Pages



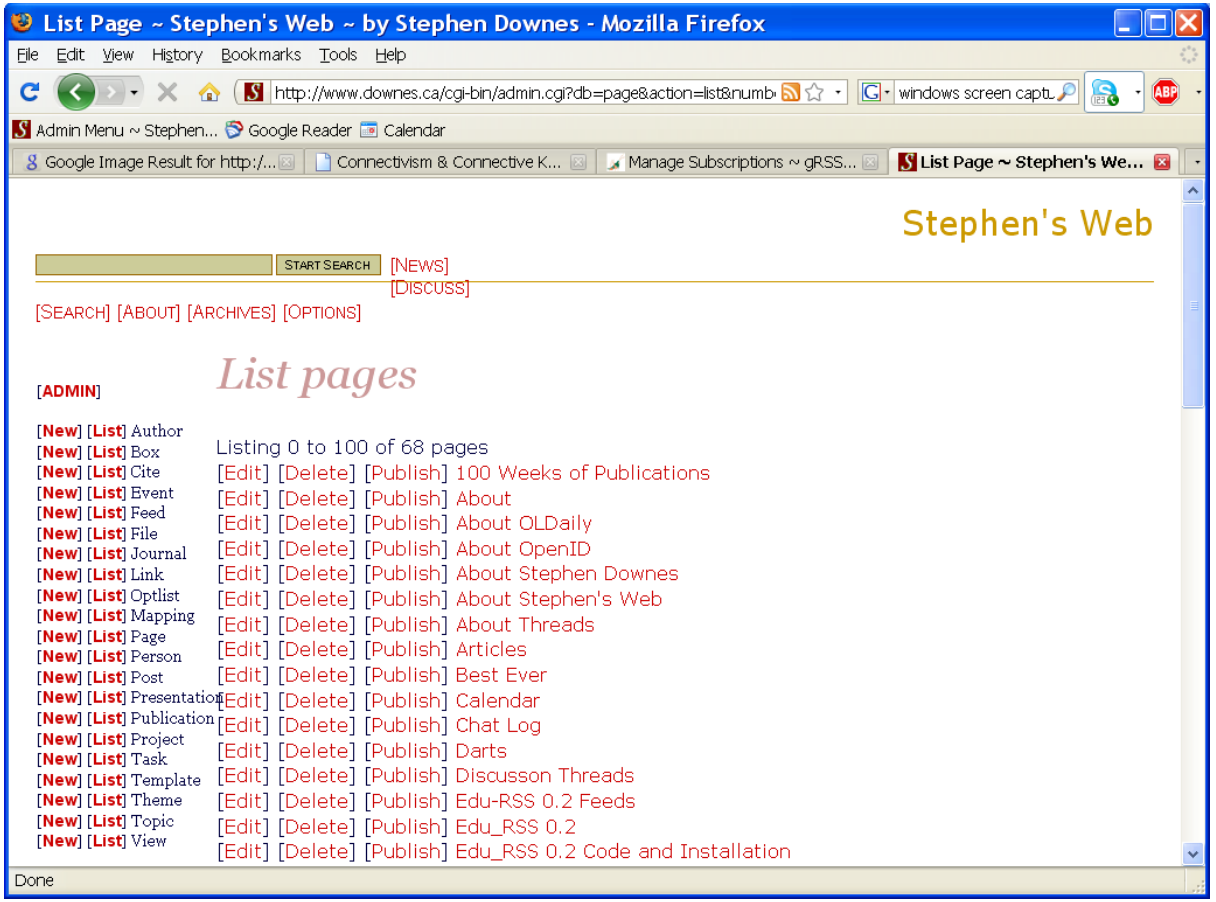
Content is organized into pages

Archive



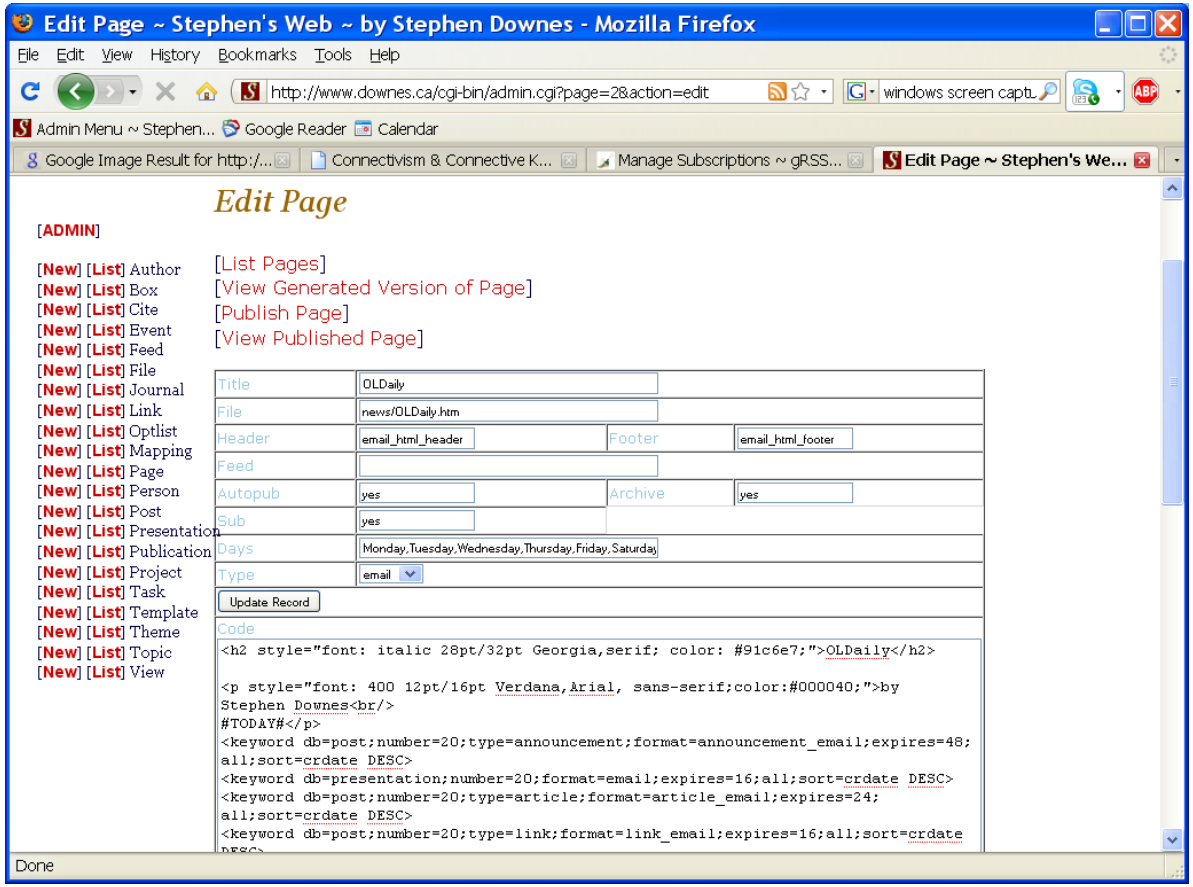
Pages auto-archive

Custom Pages



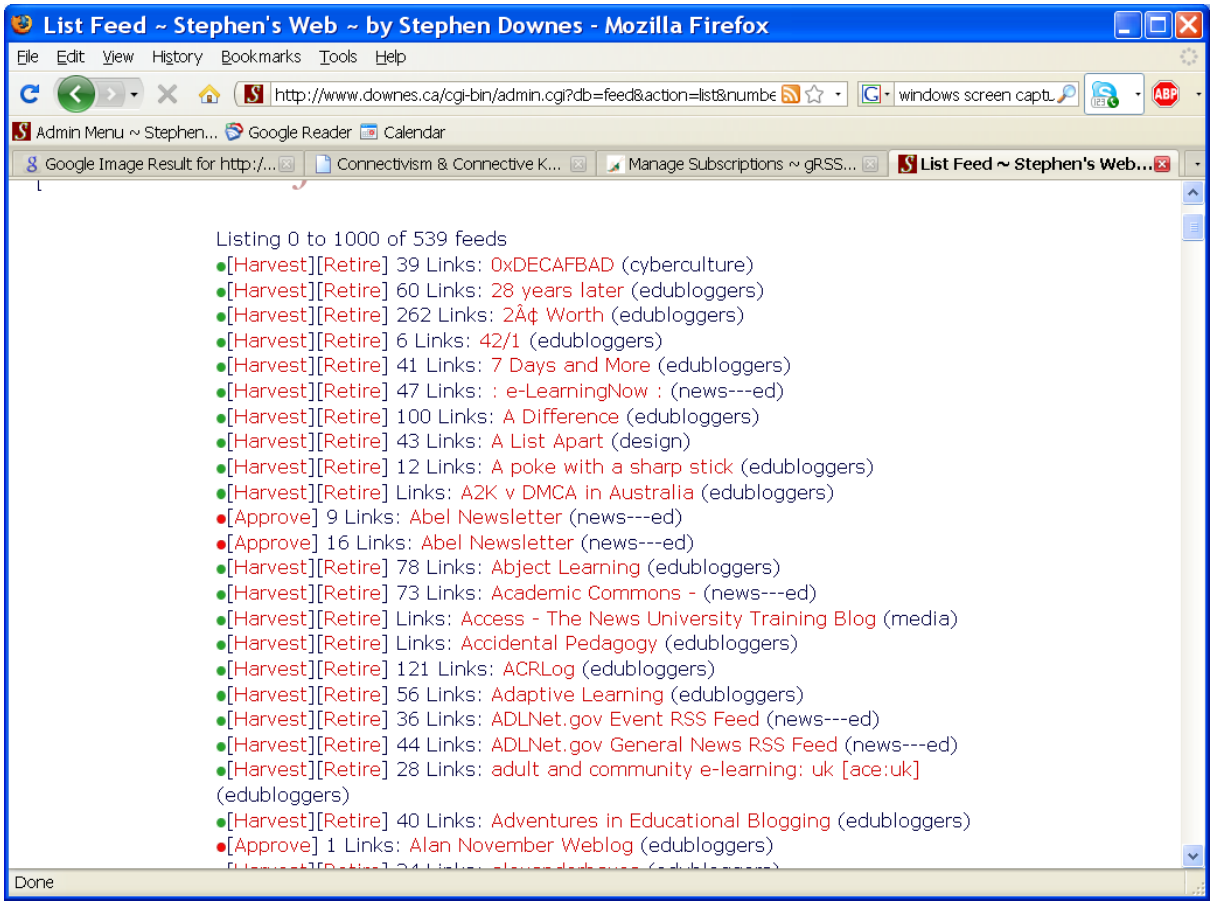
Multiple pages can be created; each page can be a newsletter (or not; you decide)

Page Creation



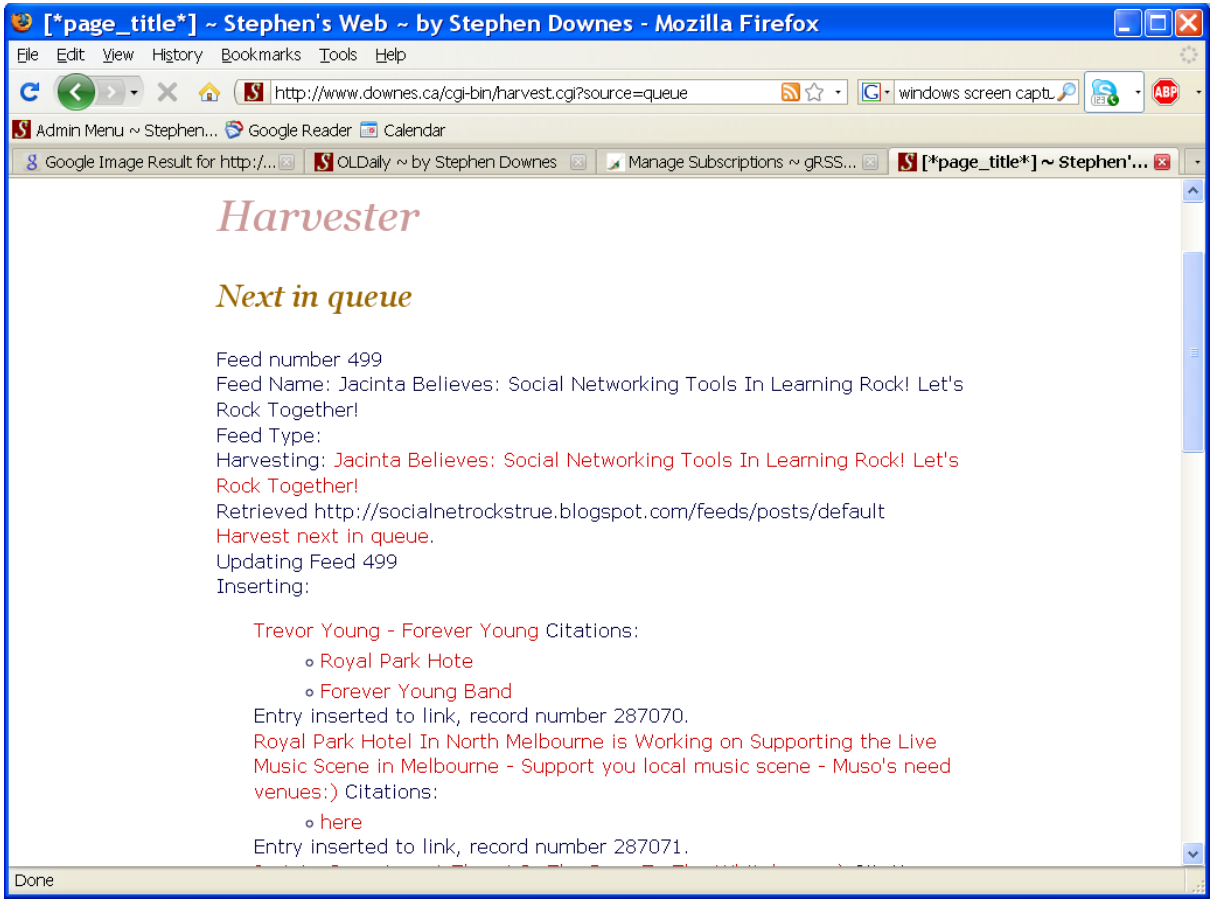
Pages are created automatically from a database of content types

Feed Management



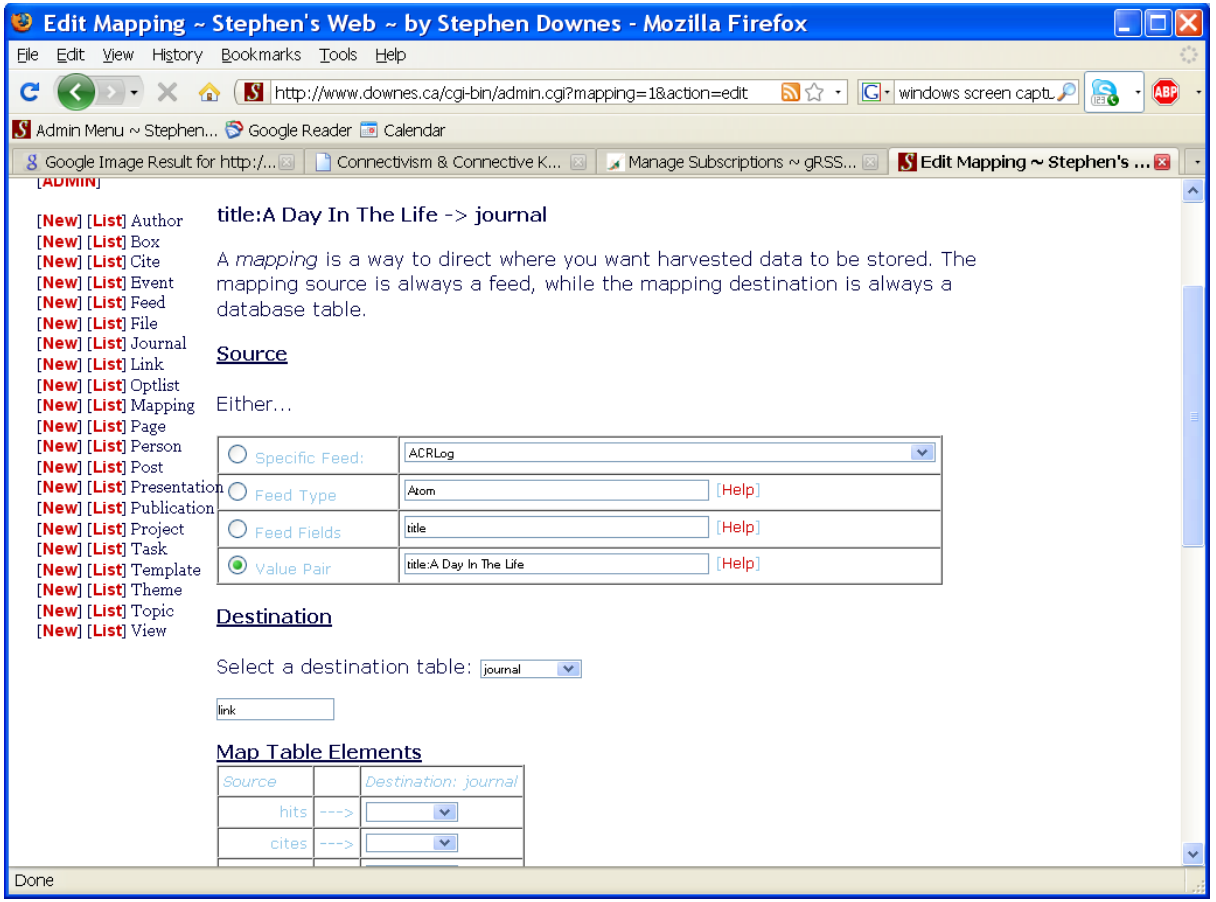
Content input comes from RSS feeds harvested by gRSShopper

Harvester



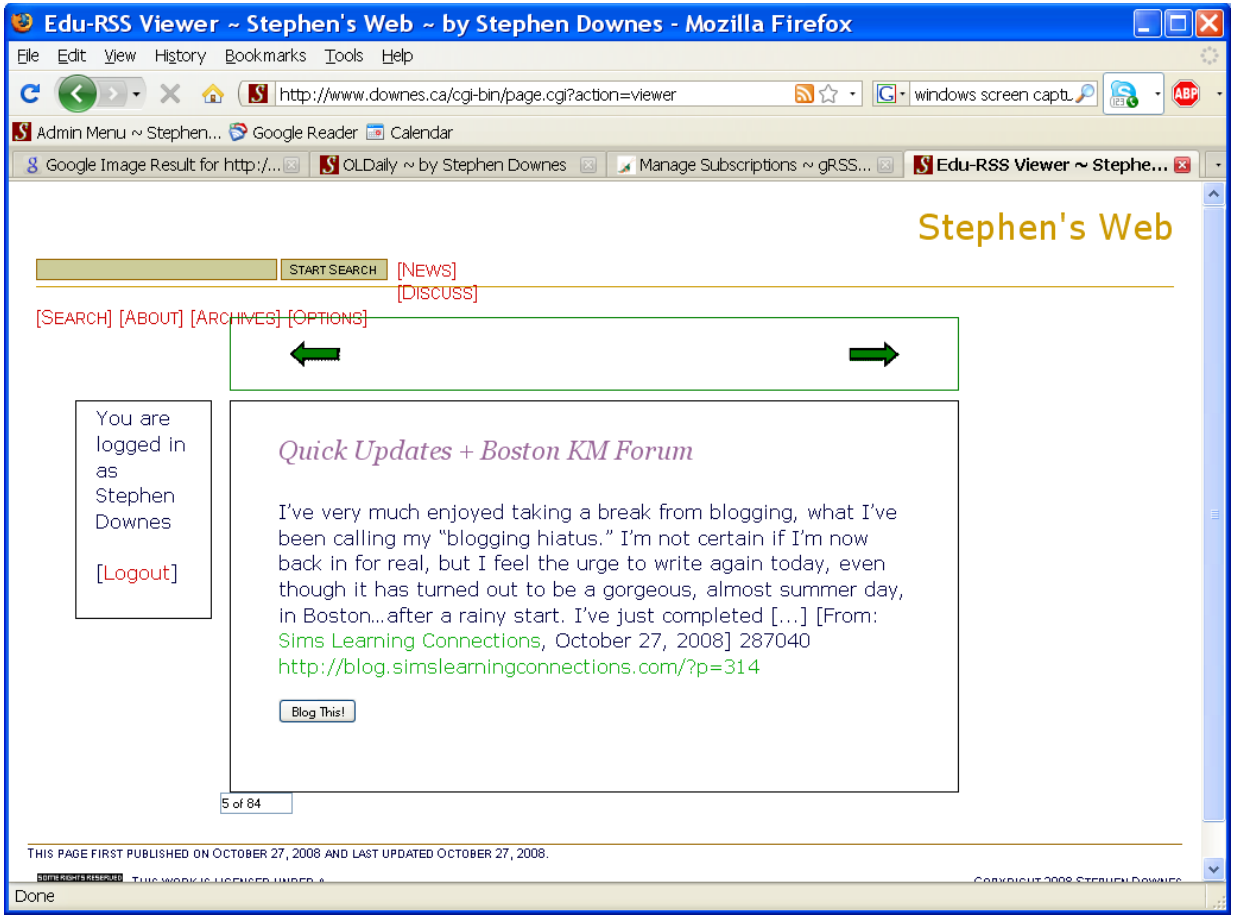
Harvester captures and analyzes incoming data (by topic, links, etc)

Mapping



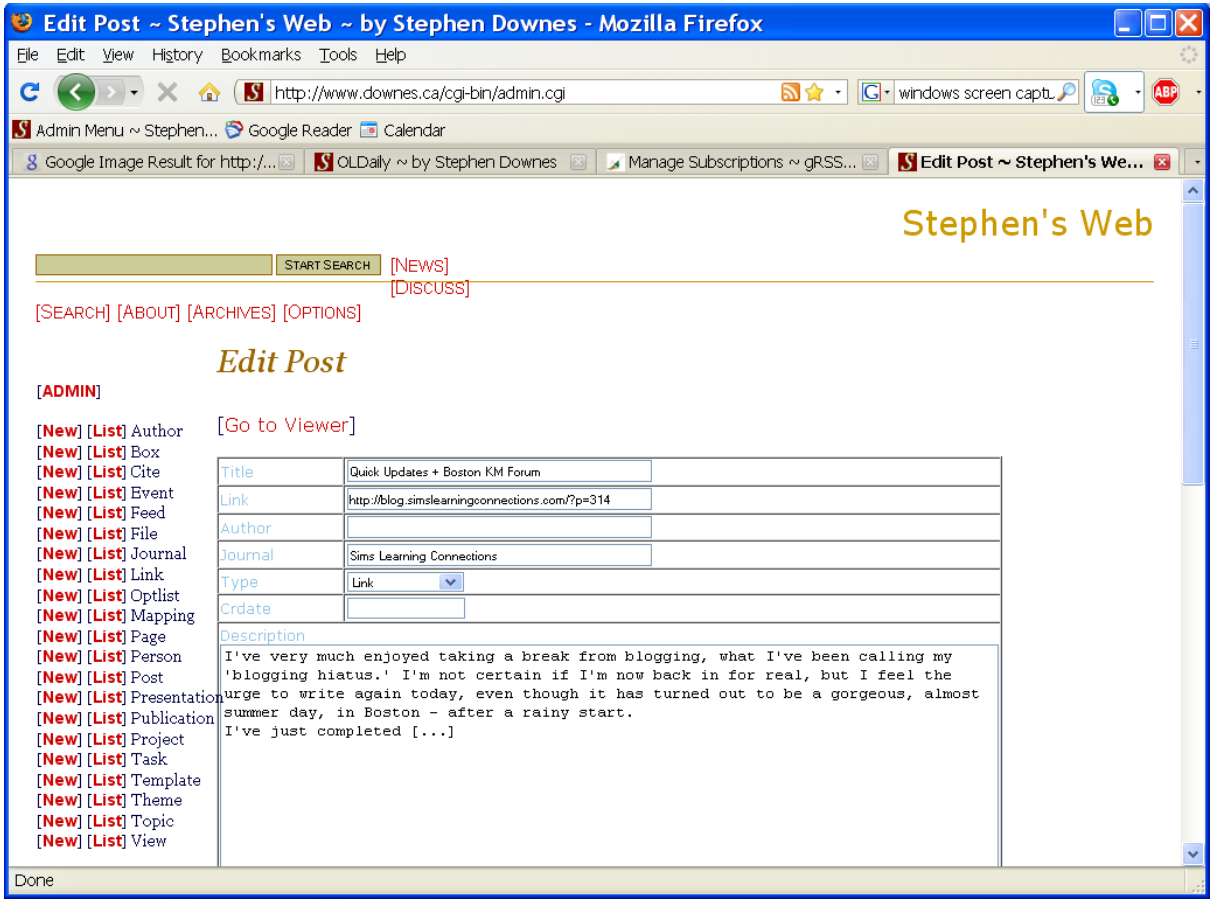
Incoming content can be mapped to any of a variety of data types

Viewing Harvested Content



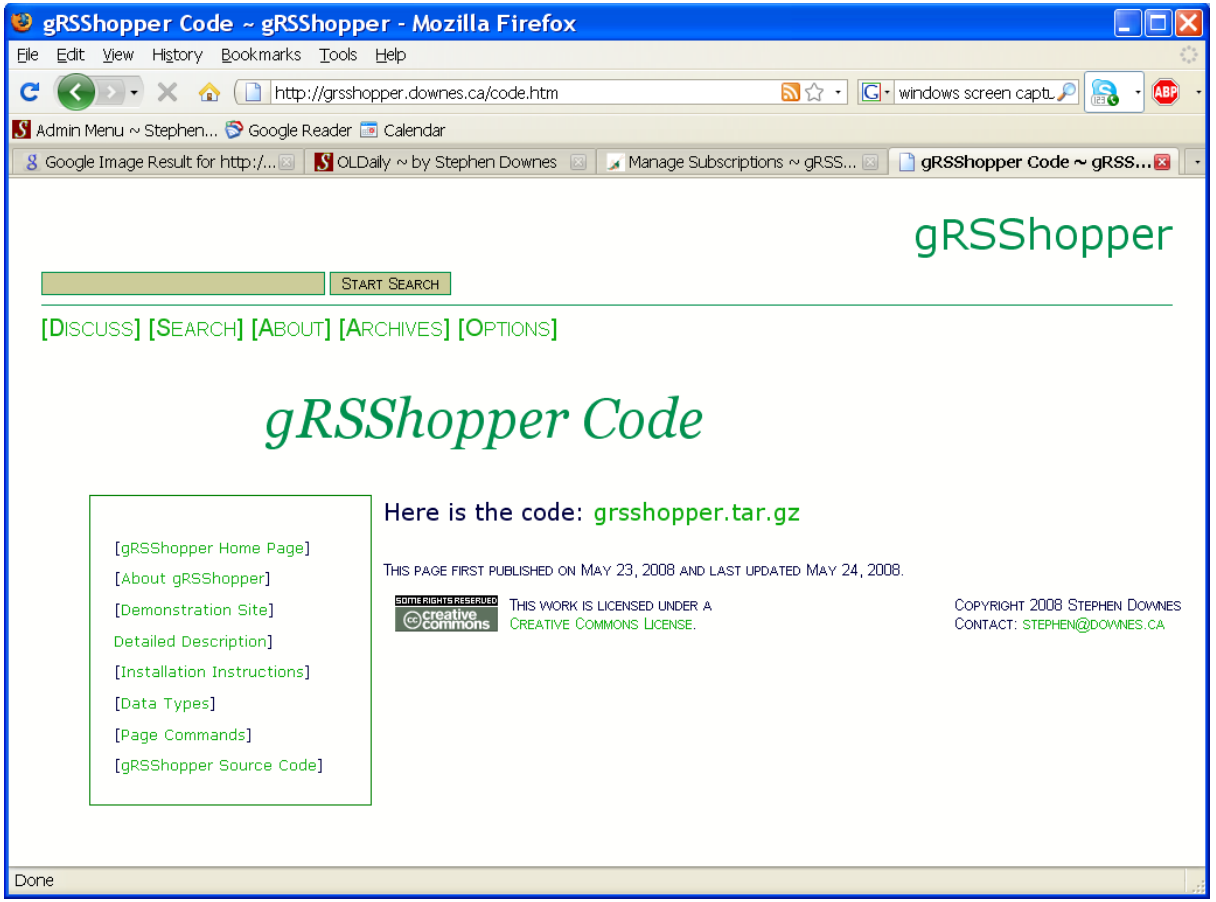
Harvested contents may easily be scanned in a viewer

Post Editor



Work with aggregated content to create new content

Open Source



gRSShopper code is available as an open source download

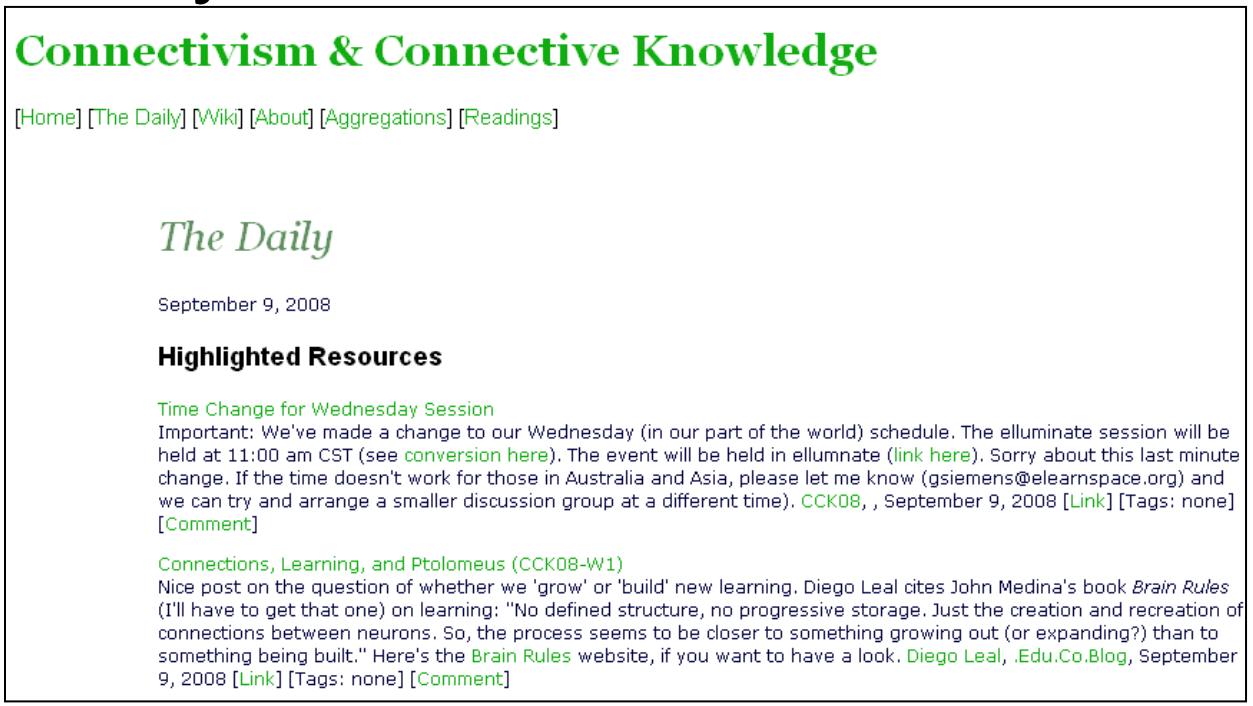
More

http://www.downes.ca

http://grsshopper.downes.ca

Course Components

- The Daily



Connectivism & Connective Knowledge

[Home] [The Daily] [Wiki] [About] [Aggregations] [Readings]

The Daily

September 9, 2008

Highlighted Resources

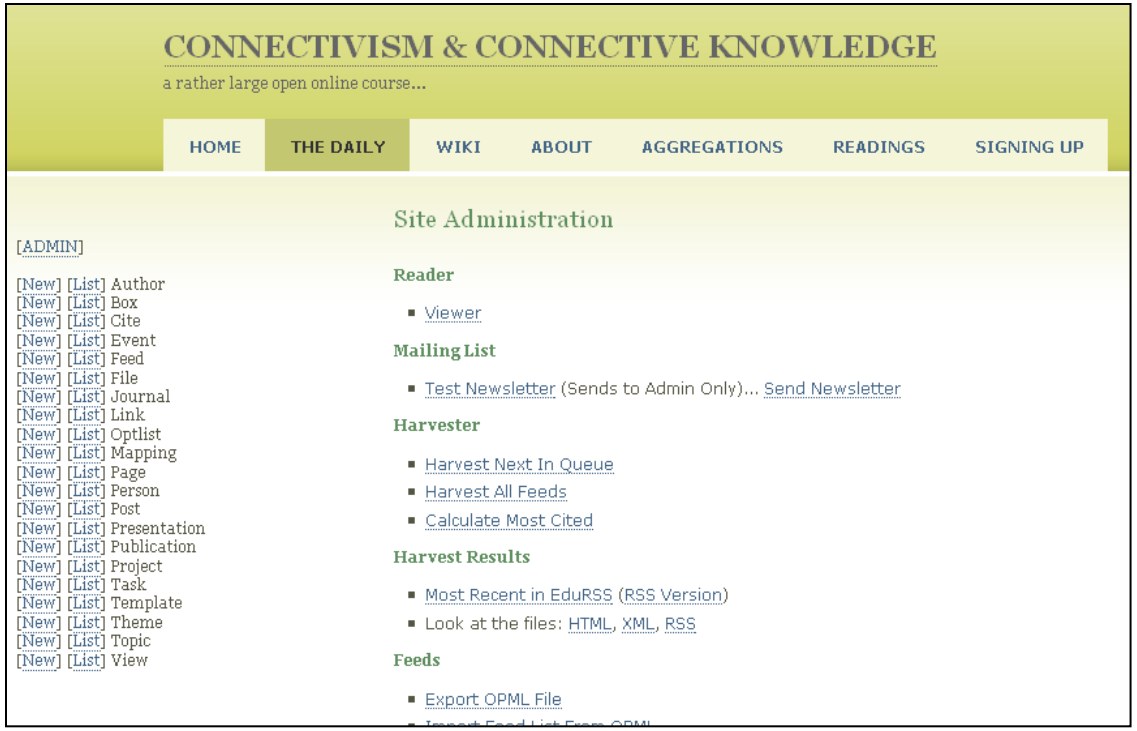
Time Change for Wednesday Session
Important: We've made a change to our Wednesday (in our part of the world) schedule. The elluminate session will be held at 11:00 am CST (see conversion here). The event will be held in ellumnate (link here). Sorry about this last minute change. If the time doesn't work for those in Australia and Asia, please let me know (gsiemens@elearnspace.org) and we can try and arrange a smaller discussion group at a different time). CCK08, , September 9, 2008 [Link] [Tags: none] [Comment]

Connections, Learning, and Ptolomeus (CCK08-W1)
Nice post on the question of whether we 'grow' or 'build' new learning. Diego Leal cites John Medina's book *Brain Rules* (I'll have to get that one) on learning: "No defined structure, no progressive storage. Just the creation and recreation of connections between neurons. So, the process seems to be closer to something growing out (or expanding?) than to something being built." Here's the Brain Rules website, if you want to have a look. Diego Leal, .Edu.Co.Blog, September 9, 2008 [Link] [Tags: none] [Comment]

http://connect.downes.ca/

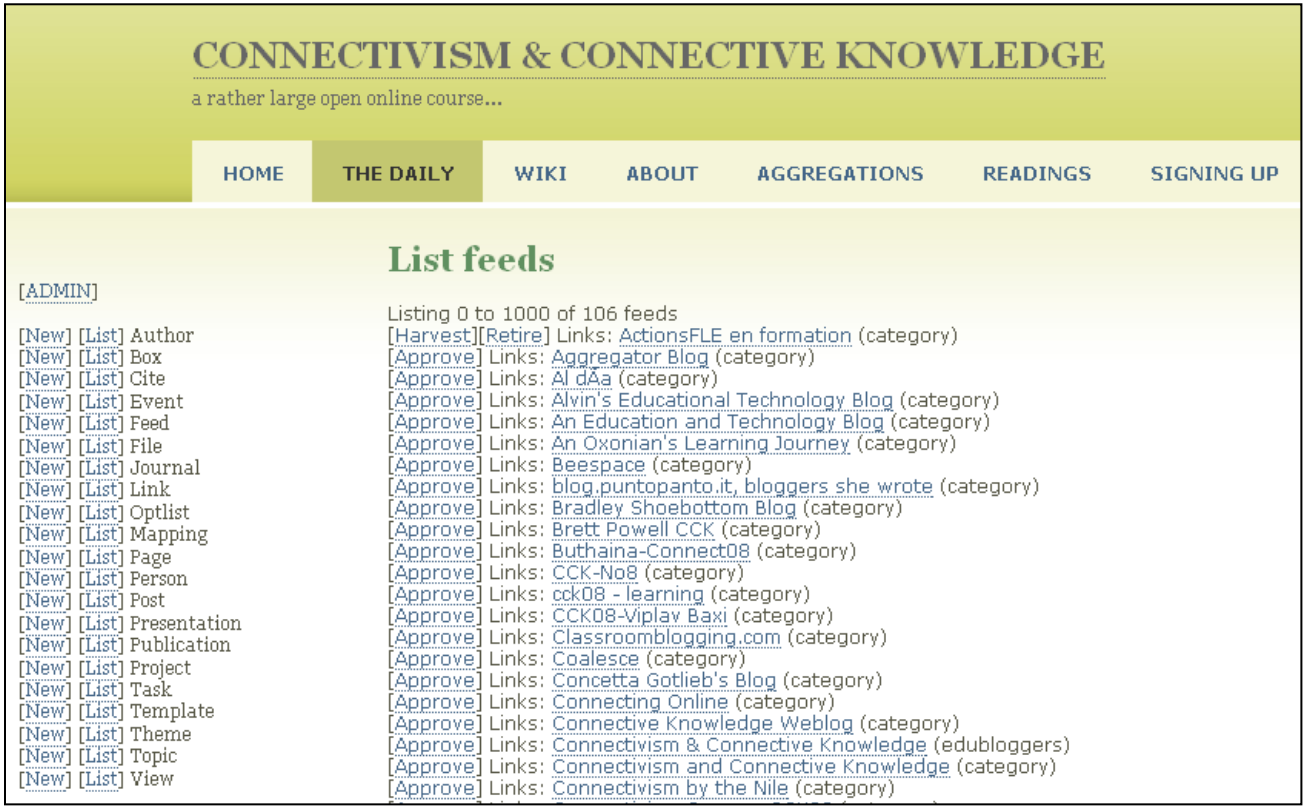
Course Components

- Managing Content



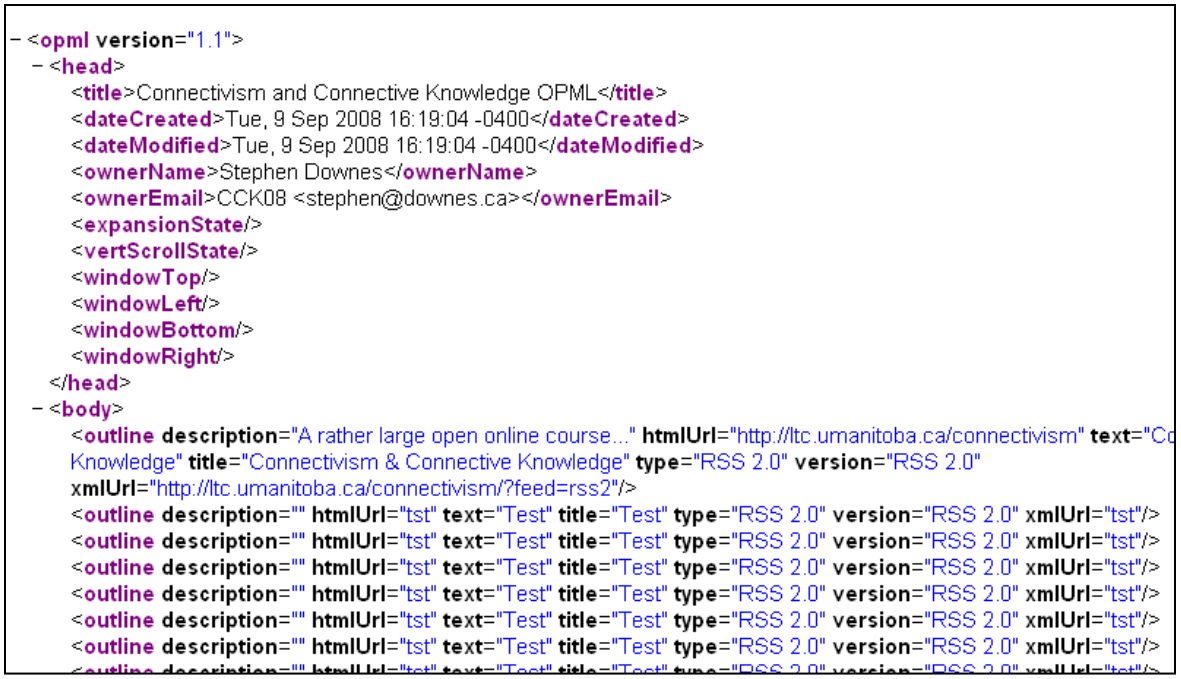
Course Components

- Feed Harvesting



Course Components

- OPML…



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      <ownerEmail>CCK08 <stephen@downes.ca></ownerEmail>
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      <windowRight/>
    </head>
  - <body>
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      Knowledge" title="Connectivism & Connective Knowledge" type="RSS 2.0" version="RSS 2.0"
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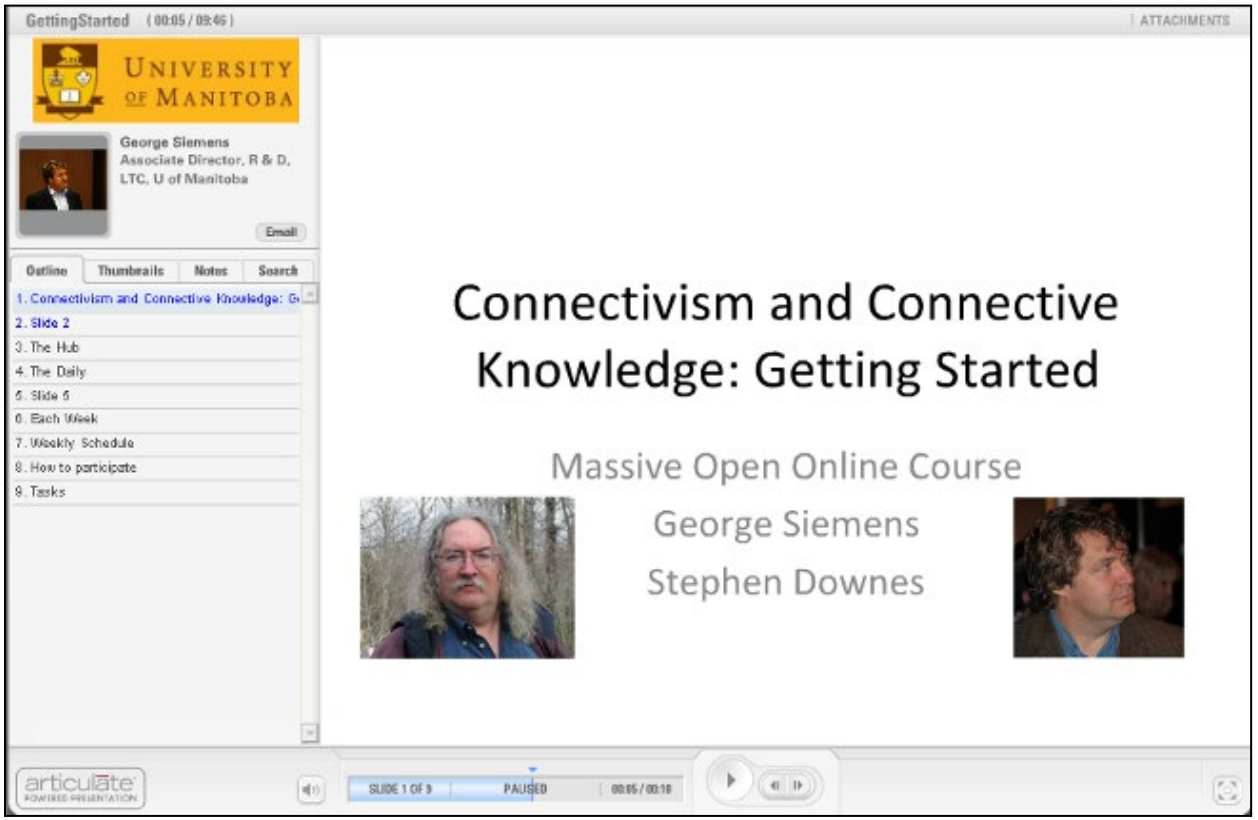
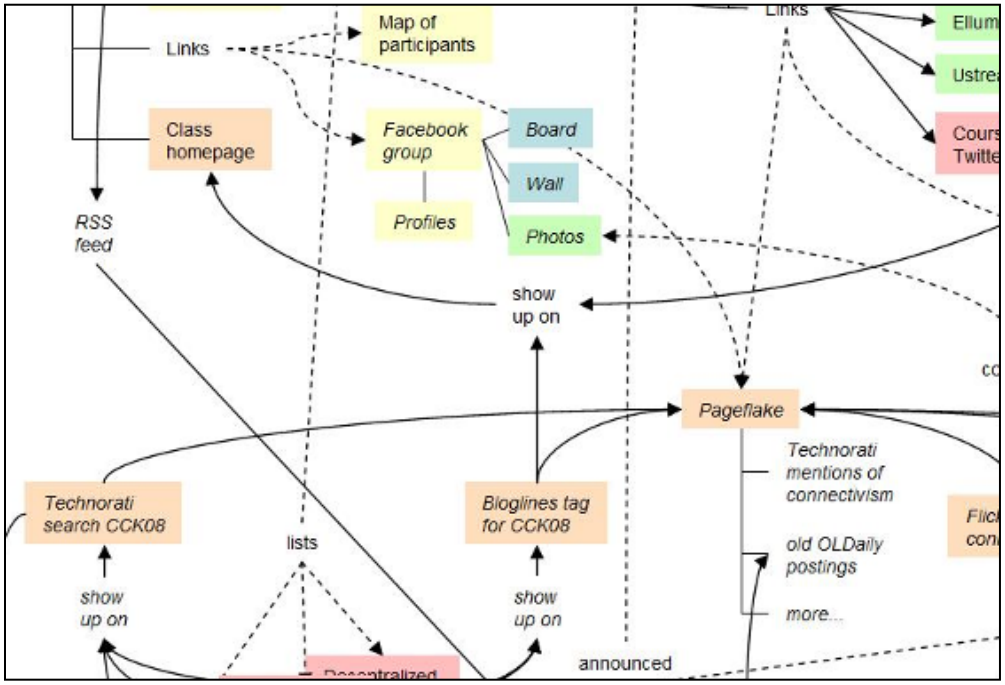
Course Components

- Intro…



The Students

- The Course Map…



http://x28newblog.blog.uni-heidelberg.de/2008/09/06/cck08-first-impressions/

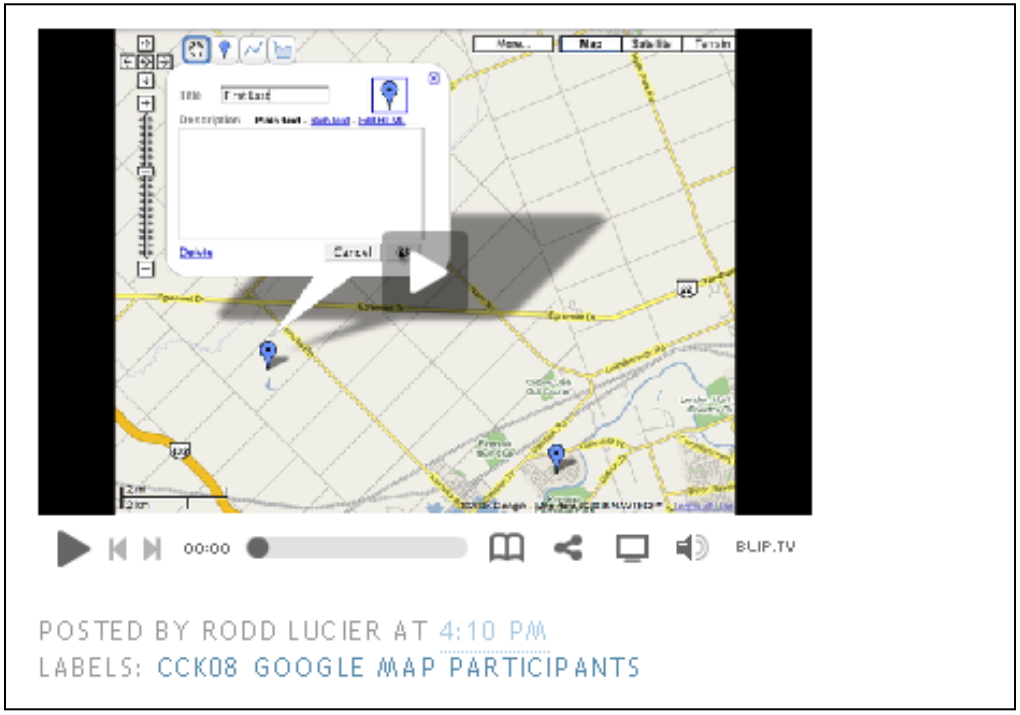
The Students

- The *Other* Course Map…

http://tinyurl.com/cck08map

The Students

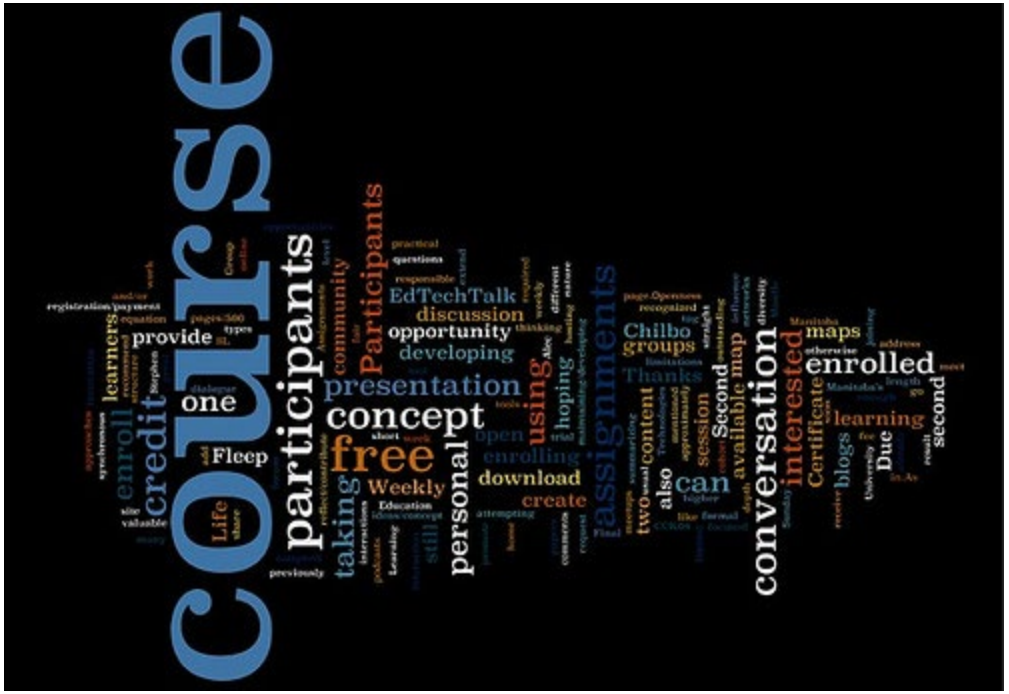
- Add to the Map - Video



http://thecleversheep.blogspot.com/2008/09/cck08-is-truly-global.html

The Students

- Wordle… 1



The Students

- Wordle… 2

The Students

- Wordle… 3

http://www.flickr.com/photos/25838481@N04/

The Students

- Word of Mouth

http://fleeep.net/blog/2008/08/03/educators-cck08-connectivism-connective-knowledge-course/

The Students

- Google Groups

http://groups.google.com/group/connectivism

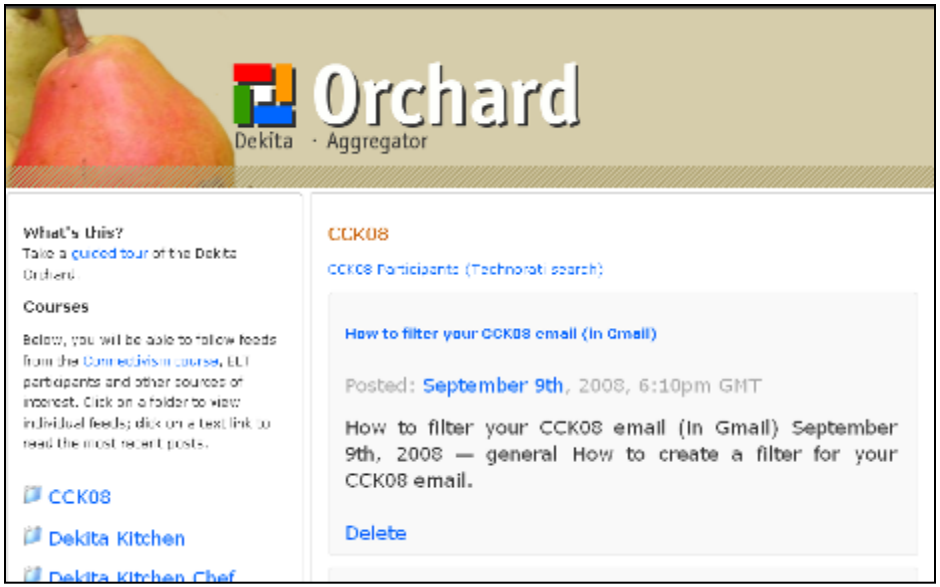
The Students

- Translations…

http://ltc.umanitoba.ca/wiki/Conectivismo_-_Curso_online

The Students

- Dekita…



http://dekita.org/orchard/CCK08_/

The Students

- Second Life…
- Diigo…
- de.l.icio.us
- WordPress…