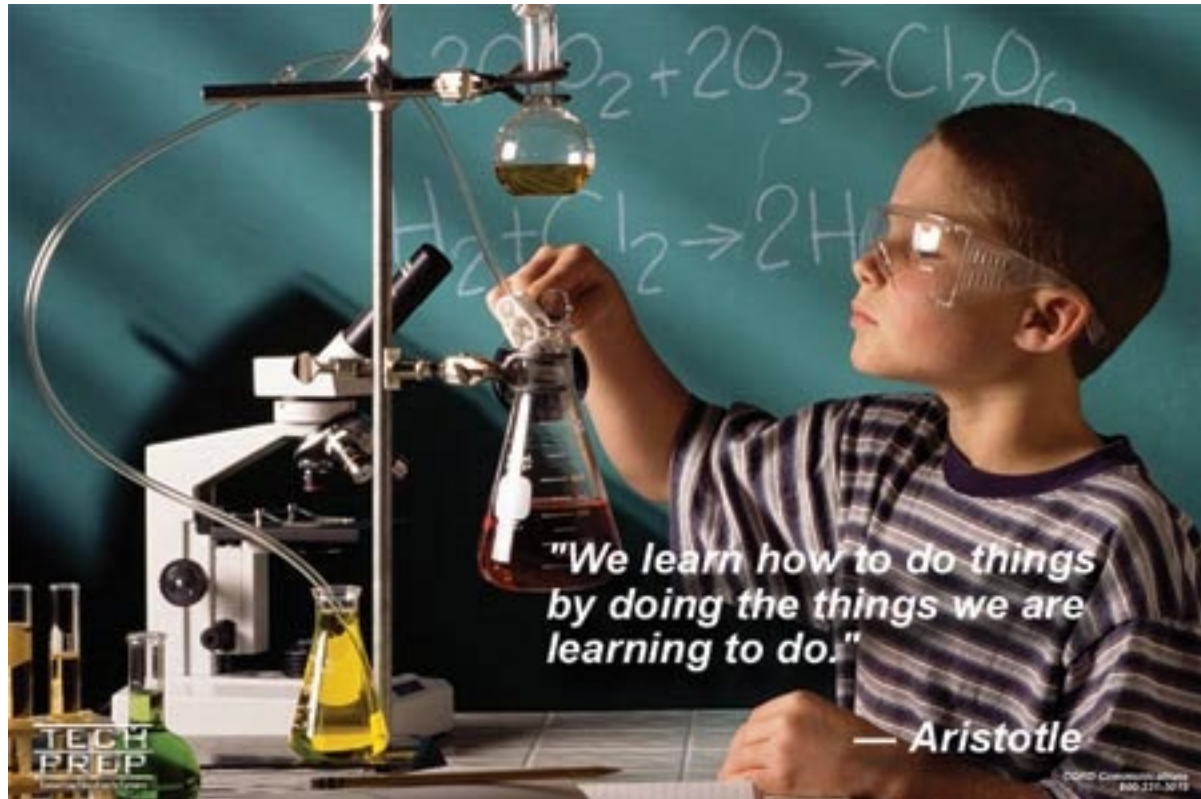


A dark bird, possibly a frigatebird, is shown in flight over a blue body of water. The bird is positioned on the right side of the frame, with its wings spread and its head turned towards the left. The water below is a deep blue with some ripples. The overall scene is serene and natural.

The Connectivism and Connective Knowledge course

Stephen Downes
February 18, 2009

What does personal learning mean for learners?



- A world of free learning resources...



<http://educationvault.blogspot.com/2008/08/zaidlearn-ocw-oer-lists.html>

Don't like the word 'free'? Deal with it...

- User generated Content
 - Personal, opinionated



- Connections, connections...

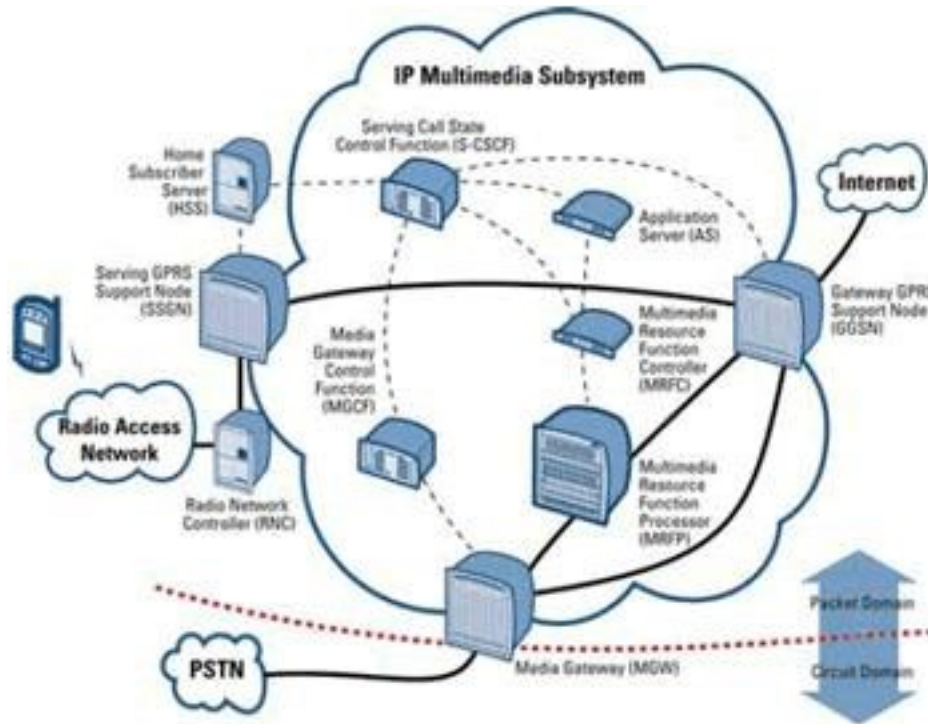


Figure 1: IP Multimedia Subsystem (IMS).

- Immersive Learning

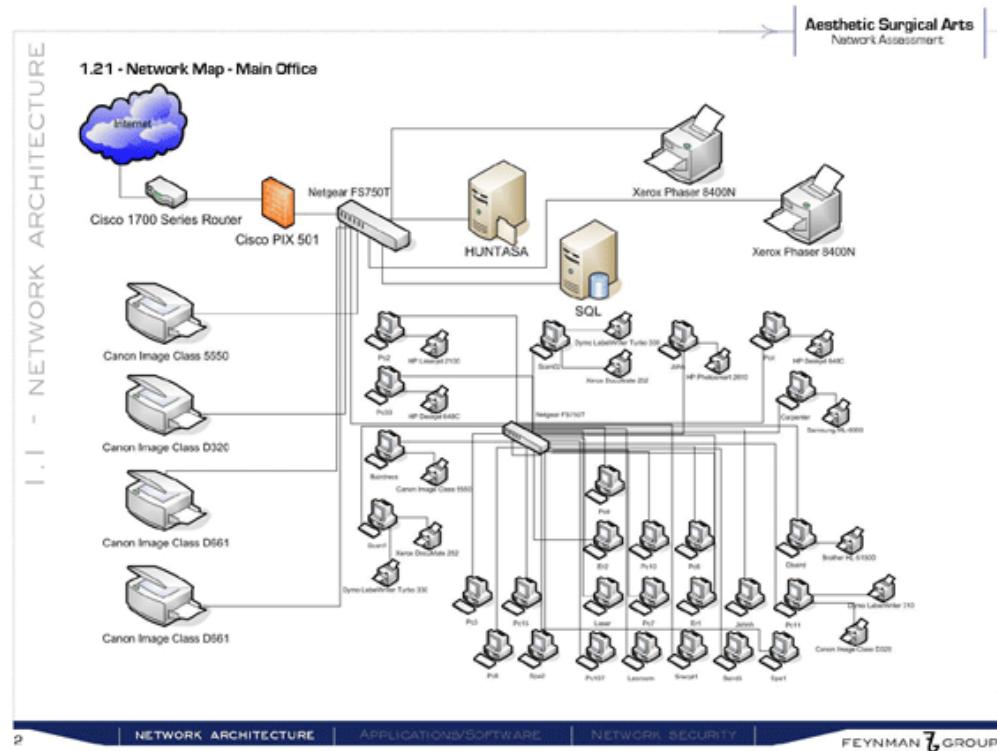


- **New Roles**

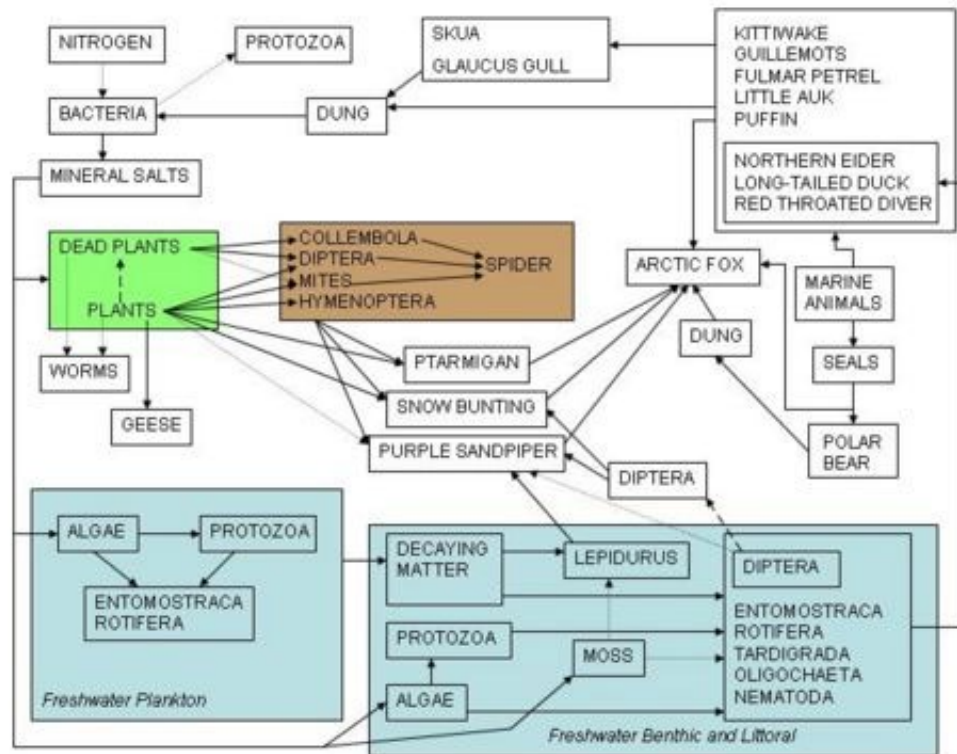
- For students - as creators of learning
- For teachers - as coaches and mentors
- For the rest of us - as teachers



- Learning as a network phenomenon...

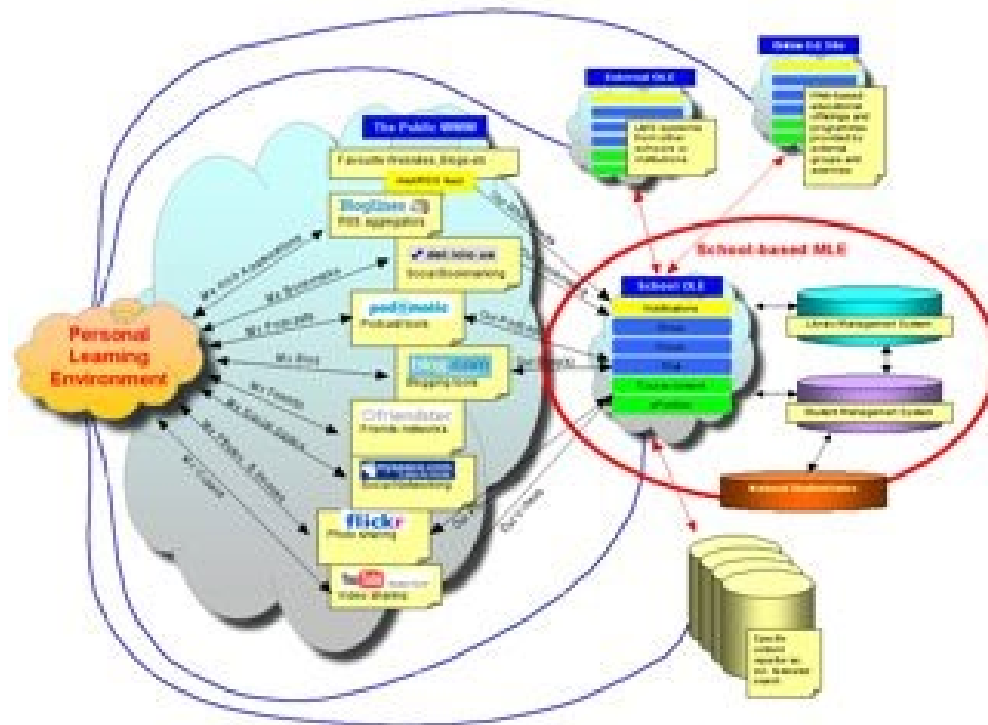


- Networks of interactions
(aggregate, remix, repurpose,
feed forward) – syndication



An ecology...

- The *personal* learning centre

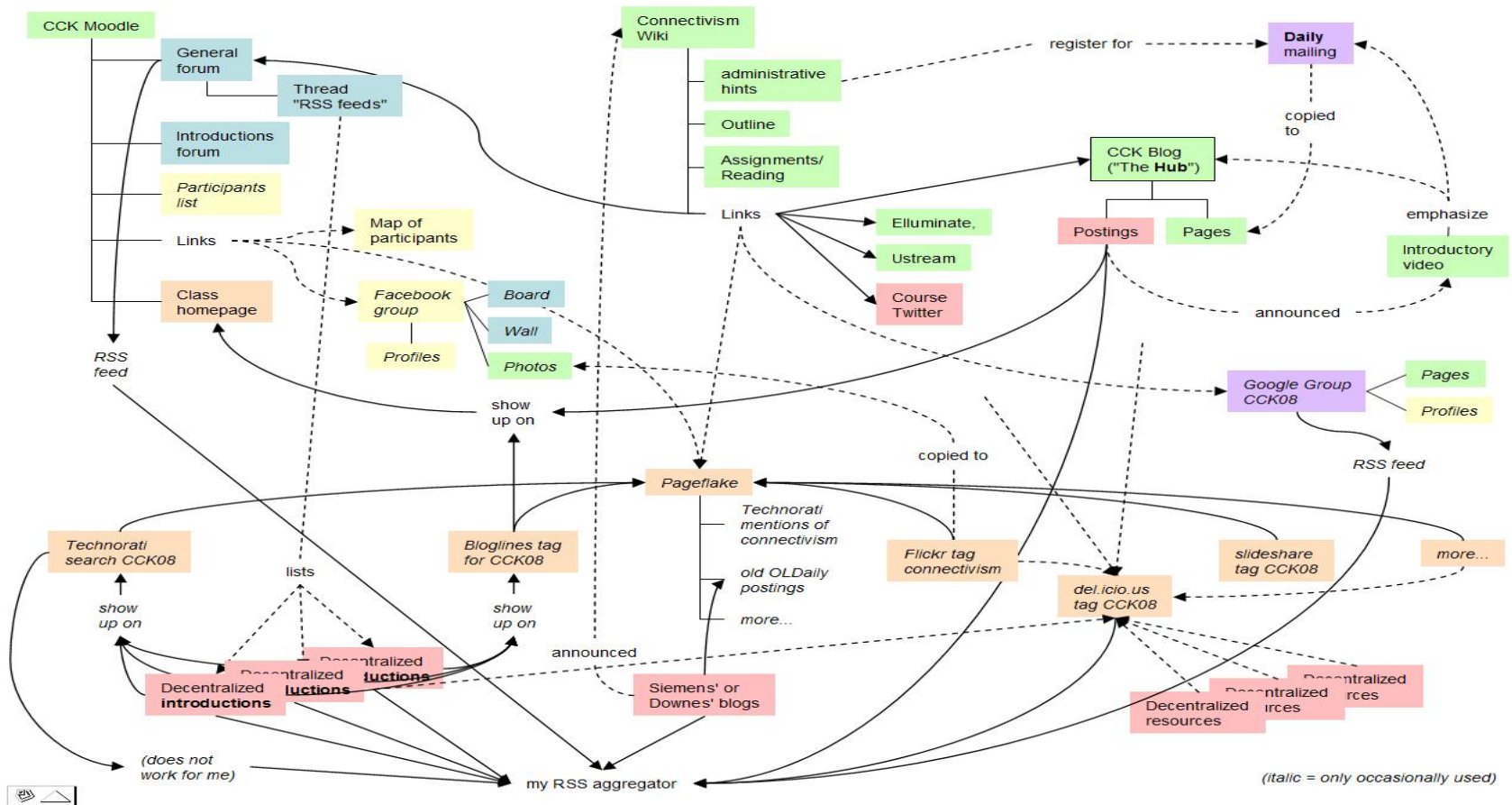


Autonomy

http://blog.core-ed.net/derek/2006/11/more_on_mles_and_ples.html

<http://getfeedforward.org/>

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 are ushering roughly 2200 students through a 12 week online course
- Some of these paid tuition and are getting credit, but most of them are 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...



The screenshot shows a web browser displaying the 'Connectivism' page on the Learning Technologies Centre (LTC) wiki. The page has a navigation bar with tabs for 'page', 'discussion', 'view source', and 'history'. The main content area includes a welcome message, conference tags, and a list of translations. A 'Contents' section is visible, listing 11 items from a sign-up page to a final week on networked learning. The left sidebar contains navigation and links sections.

[Log in / create ac](#)

[page](#) [discussion](#) [view source](#) [history](#)

Connectivism

Welcome to the **Connectivism and Connective Knowledge Online Course** support wiki.

Conference tags: CCK08

This page is also available in: [Spanish](#), [Portuguese](#), [Italian](#), [Hungarian](#), and [Chinese](#) (Simplified Character Version). See also [this short post](#) on making surfing in China easier]

This course also has a FaceBook group at [CCK08](#)

Contents [hide]

- 1 Please enter your email address here if you'd like to be involved (either for free participation or to enroll for cre
- 2 Course blog is available here
- 3 Course Details
- 4 Weekly Activities
- 5 Learner Assignments and Evaluation
- 6 Course Links
- 7 Pre-week 1
- 8 Week 1: What is Connectivism? (September 8-14)
- 9 Week 2: Rethinking epistemology: Connective knowledge (September 15-21)
- 10 Week 3: Properties of Networks (September 22-28)
- 11 Week 4: History of networked learning (September 29-October 5)

navigation

- [Main Page](#)
- [Recent changes](#)
- [Random page](#)
- [sandbox](#)
- [Help](#)

ltc links

- [LTC Website](#)
- [Activities](#)
- [Workshops and Resources](#)
- [Teaching with Technology](#)

um projects

- [Educational Psychology](#)

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

Course Components (2)

- Open Enrollment

24 Final Project
Please enter your email address here if you'd like to be involved (either for free participation or to enroll for credit).
Course blog is available here
Connectivism Research
Course Details
Delivered in partnership with: Extended Education and Learning Technologies Centre, University of Manitoba
Course Code: 98813- 08-01

- 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	
Assignments:	

Course Components (3)

- The Blog

CONNECTIVISM & CONNECTIVE KNOWLEDGE
a rather large open online course...



HOME THE DAILY WIKI MOODLE ABOUT AGGREGATIONS SIGNING UP...

ABOUT

Welcome to the **Connectivism and Connective Knowledge** online course! Information on the development and delivery of the course will be shared on this site.

SEARCH

Go

Comparing Connectivism  Posts RSS  Comments RSS

gsiemens on Sep 8th 2008

I've posted a [comparison between different theories](#) of learning. It's not a final word summary, but hopefully it can provide a bit of a starting point for discussing the attributes of different concepts. While exploring distinctions between theories can be a mind-numbing task on par with watching grass grow, it does create an important starting point for ongoing discussion. If our discussions occur along the lines of [Wittgenstein's beetles](#) - where we each speak of a subject from our own, rather than shared understandings - we quickly end up talking in circles without even a prospect of consensus or even the main points of debate.

Filed in [Uncategorized](#) | [17 responses so far](#)

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

Course Components

- Course Moodle Forum

The screenshot shows a Moodle course page for "Connectivism and Connective Knowledge". At the top right, it says "You are currently using guest access (Login)". The course breadcrumb is "Courses > CCK08".

Bloglines

- #cck08 Reading the Moodle forum... It is me, or does ti really looks...
- #cck08 Reading the Moodle forum... It is me, or does ti really looks like mrs. Fitzpatrick is trolling?
- Trying to determine why I cannot connect to the CCK08 Moodle Forum
- Trying to determine why I cannot connect to the CCK08 Moodle Forum...
- User:vtaylor/Connectivism and Connective Knowledge
- [http://valerie.posterous.com/cck08-is-...
- How to filter your CCK08 email (in Gmail)
- How to create a filter for your CCK08 email.
- Bill Kerr's Challenge to Connectivism
- I'm struggling to complete my reading assignments for George and Stephen's online course on Connectivism and Connected Knowledge.

Topic outline

Connectivism and Connective Knowledge is a twelve week course that will explore the concepts of connectivism and connective knowledge and explore their application as a framework for theories of teaching and learning. It will outline a connectivist understanding of educational systems of the future.

- 📁 Introductions
- 📁 Google Map of participants
- 📁 General Forum
- 📁 Connectivas Spanish pageflakes site
- 📁 Connectivism English Pageflakes site
- 📁 Week 1: What is connectivism

1 What is Connectivism?

Calendar

September 2008

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

Global events (green) | Course events (orange)

Connectivism Course Blog

Comparing Connectivism

I've posted a comparison between different theories of learning. It's not a final word summary, but hopefully it can provide a bit of a starting point for discussing the attributes of different concepts. While

<http://lrc.umanitoba.ca/moodle/course/view.php?id=20>

Course Components

- Pageflakes Site

The screenshot shows a Pageflakes website layout for 'ltc's Pagecast'. The top navigation bar includes 'Create your own page!', 'Pageflakes members:', 'ltc's Pagecast', 'Watch this Pagecast', 'Copy', 'Send To a Friend', and 'Random Pagecast'. A search bar with 'Google' is visible. The main content area is divided into several widgets:

- Connectivism & Connective Knowledge (5)**: A widget titled 'Comparing Connectivism' with a sub-header 'I've posted a comparison between different theories of learning. It's not a final word summ...'. It lists items: 'Managing your Moodle Forums', 'Week 1: What is connectivism', 'So, Where are you from?', and 'Introduction to the course...'. It is powered by weather.com.
- Technorati Search for: CCK08 (5)**: A widget titled 'How to filter your CCK08 email (in Gmail)' with a sub-header 'How to filter your CCK08 email (in Gmail) September 9th, 2008 — general How to create a ...'. It lists items: 'Bill Kerr's Challenge to Connectivism', 'Connectivism & Connective Knowledge Course', 'Connectivism: Theory and Application', and 'Connectivism course: nifty (and a little sca...'. It is powered by weather.com.
- Sponsored Content**: A large advertisement for 'AIG Travel Guard' with the text 'Thank goodness for AIG Travel Guard travel insurance.' and the AIG Travel Guard logo.
- Weather**: A widget for 'Toronto, Canada' showing a 4-day forecast: Tuesday (17°/9°C, cloudy), Wednesday (19°/12°C, sunny), Thursday (22°/15°C, sunny), and Friday (22°/14°C, cloudy). It includes 'Hourly Forecast | 10-Day Forecast' and is powered by weather.com.
- Winnipeg, Canada**: A widget titled 'Ellis resurfaces in Winnipeg - The Gazette (...)' with a sub-header 'CBC.caEllis resurfaces in WinnipegThe Gazette (Montreal), Canada - 22 hours agoHe was signed on Monday...'. It lists items: 'Winnipeg couple makes pot discovery - Winnip...', 'Rejigged Bombers-Ticats deal a go - Globe an...', 'Three Winnipeg men charged in drug busts - W...', and 'Grandmotherhood inspires Winnipeg publisher ...'. It is powered by weather.com.
- Events in Winnipeg, Canada**: A widget at the bottom with a red calendar icon.
- Stephen's Web ~ by Stephen Downes ~**: A widget titled '[CCK08] First Impressions' with a sub-header 'Even if you're not registered in our giant Connectivism course (and most OLDaily readers ar...'. It is powered by weather.com.
- Does Learning Grow or Is It Built?**: A widget titled 'Interesting post from the Connectivism course looking at whether we "grow" or "build" knowl...'. It is powered by weather.com.

<http://www.pageflakes.com/ltc>

Course Components

- Elluminate Discussions (Wednesdays)

The screenshot displays the Elluminate Live! software interface. The main window is titled "Elluminate Live!" and contains several components:

- Participants List:** A list of 19 participants, including moderators and group members. A green box highlights "Group 1" through "Group 4".
- Chat Window:** A "Main chat window" showing a list of messages from participants like Lynn, Curtis, Maria, Kevin, and Judy. A green arrow points to the "Direct Messaging" button.
- Whiteboard:** A "Whiteboard - Main Room (Scaled 84%)". It displays a slide titled "Opportunities to Develop Human Resources" with a bulleted list:
 - Knowledge or skill needs differ
 - Motivation – meaning of work
 - Change in the environment
 - Change in the organizationA green arrow points to the slide content, labeled "White Board space (Displays PowerPoint slides, notes, drawings, etc)".
- Video Window:** A "Video - Sandra Williams" window showing a live video of the instructor. A green arrow points to it, labeled "Live video of the instructor".
- Audio Controls:** A "Mic button" and "Participants window" are visible at the bottom left.

Course Components

- Ustream



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

Course Components

- Twitter...



The screenshot shows the Twitter profile of user cck08. At the top, there is a search bar with the text "Name or location" and a "search" button, followed by a link "or Login / Join Twitter!". To the right is a "Select Language" dropdown menu. Below this is a yellow banner with the text "Hey there! cck08 is using Twitter." and "Join today!" button. The main profile area shows a blue profile picture, the name "cck08", and a tweet from @MtnLaurel. To the right is an "About" section with fields for Name, Web, and Bio, and a "Stats" section with fields for Following, Followers, and Favorites.

twitter [or Login / Join Twitter!](#)

 Hey there! **cck08** is using Twitter.
Twitter is a free service that lets you keep in touch with people using the web, your phone, or IM. **Join today** to start receiving **cck08**'s updates.

[Join today!](#)
Already using Twitter via SMS or IM? [Finish signing up.](#)

 **cck08**

[@MtnLaurel](#) hi - no sign up time, but i think the 11 am CST will be the busier of the two...

about 7 hours ago from web in reply to [MtnLaurel](#)

About

Name cck08
Web <http://tlc.umanit...>
Bio a rather large online course

Stats

Following 0
Followers 141
Favorites 0

<http://twitter.com/cck08>

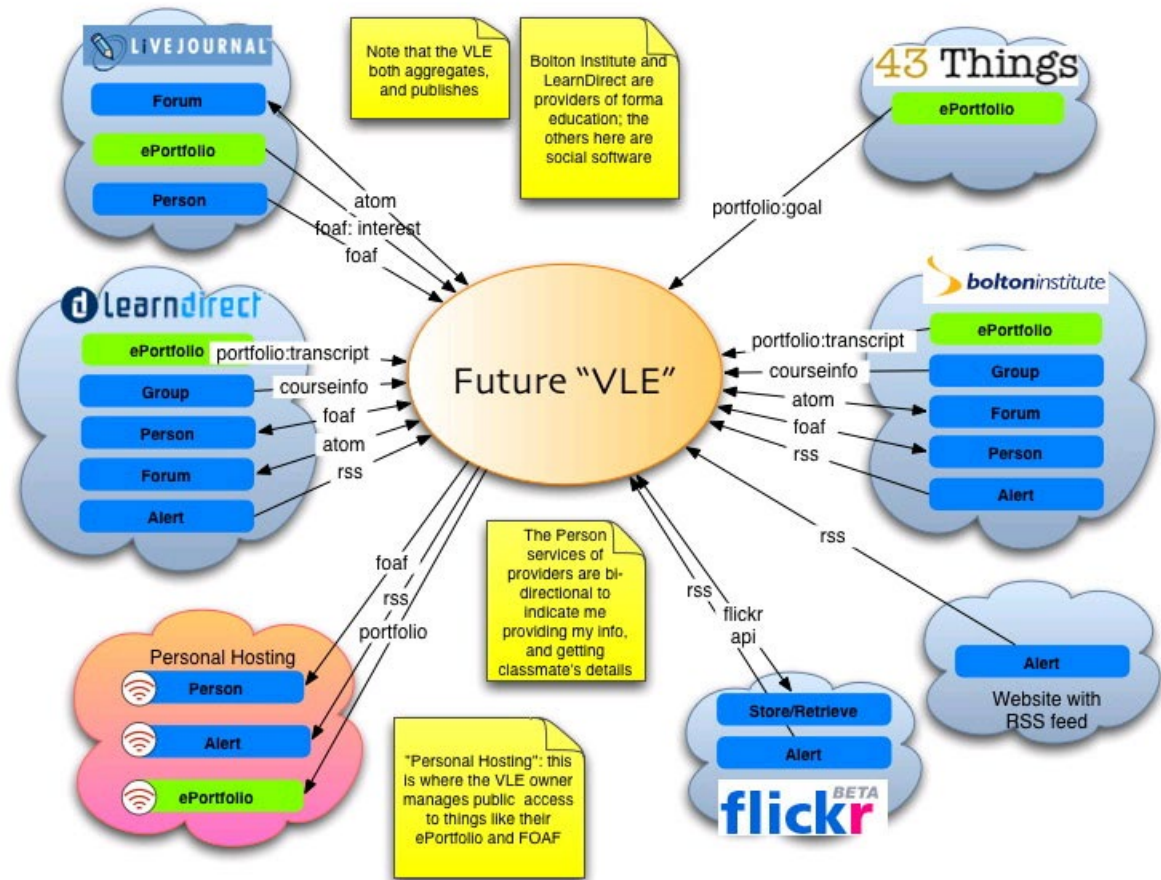
Course Components

- gRSShopper...





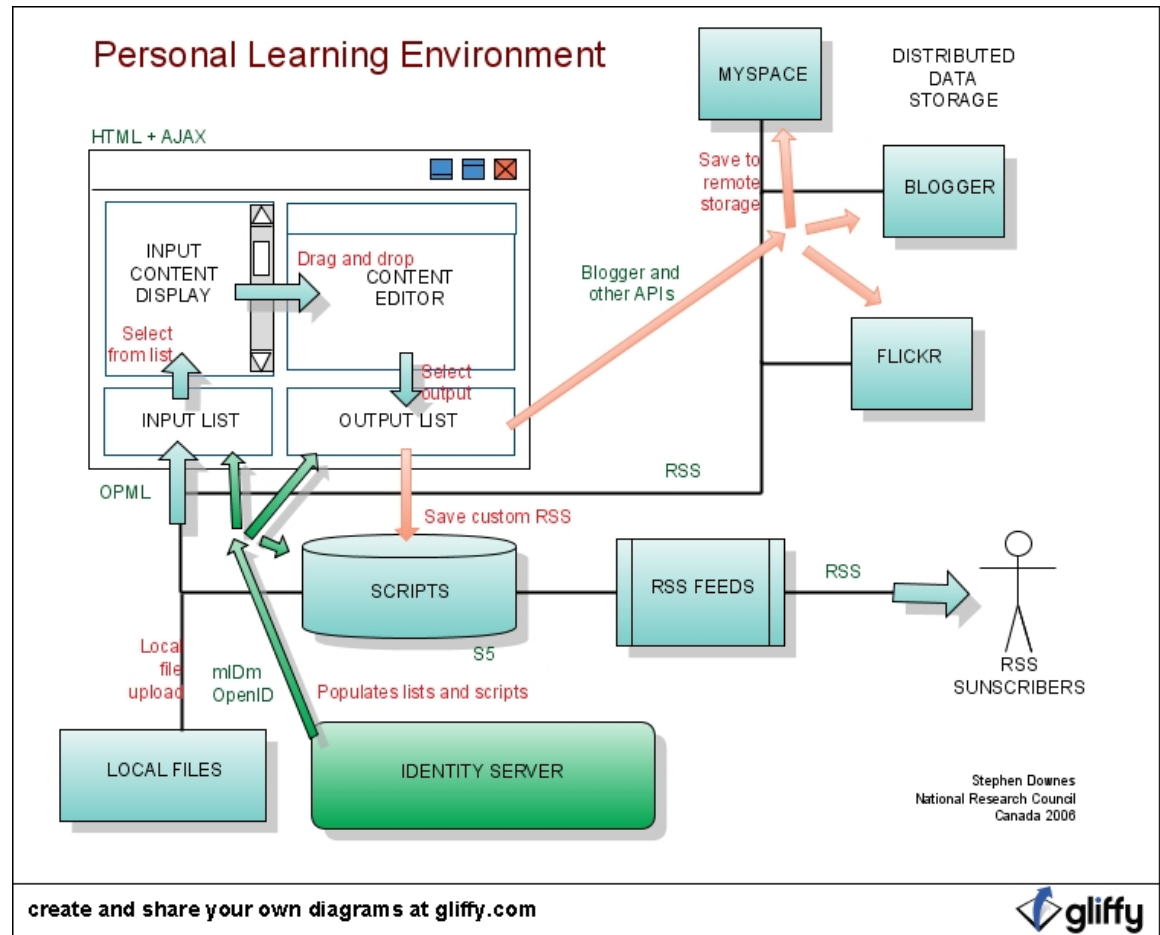
The Main Idea



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

A screenshot of a Mozilla Firefox browser window displaying the login page for gRSShopper. The browser's address bar shows the URL 'http://demo.downes.ca/cgi-bin/login.cgi?refer=http://demo.downes.ca/cgi-bin/a'. The page title is 'Login ~ gRSShopper'. The main content area features the 'gRSShopper' logo in the top right, a search bar with a 'START SEARCH' button, and navigation links for '[DISCUSS]', '[SEARCH]', '[ABOUT]', '[ARCHIVES]', and '[OPTIONS]'. The central heading is 'Login', followed by a link for 'Login using OpenID (About OpenID on gRSShopper)'. Below this are two input fields: 'Please enter your user name:' and 'Please enter your password:'. A checkbox labeled 'Remember me next time' is present, along with a 'Click here to continue' button. At the bottom, there are links for 'Not a registered user? Click Here' and 'Forgot your password? Click Here'. The footer contains a Creative Commons license notice and copyright information for Stephen Downes, dated 2008.

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



Subscriptions

A screenshot of a Mozilla Firefox browser window displaying the 'Register - Newsletter Subscription' page on 'Stephen's Web'. The browser's address bar shows the URL 'http://www.downes.ca/cgi-bin/login.cgi?action=Register'. The page has a blue header with the site name 'Stephen's Web' in yellow. Below the header is a navigation menu with links for [NEWS], [DISCUSS], [SEARCH], [ABOUT], [ARCHIVES], and [OPTIONS]. The main content area is titled 'Register - Newsletter Subscription' and contains a paragraph explaining that user information is collected for password confirmation and comment attribution, with a link to the 'Privacy Policy'. The registration form includes fields for 'Select a username:', 'Select a password:', and 'Enter your email address:'. Below these are checkboxes for newsletter subscriptions: OLDaily, OLDaily Text Edition, OLWeekly, OLWeekly Text Edition, and Threads Email, all of which are checked. An optional text field asks 'Where did you hear about this website?'. The browser's status bar at the bottom shows 'Done'.

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



Custom Pages

A screenshot of a Mozilla Firefox browser window. The title bar reads 'Connectivism & Connective Knowledge - Mozilla Firefox'. The address bar shows 'http://connect.downes.ca/'. The browser's menu bar includes 'File', 'Edit', 'View', 'History', 'Bookmarks', 'Tools', and 'Help'. The page content features a green header with the title 'CONNECTIVISM & CONNECTIVE KNOWLEDGE' and the subtitle 'a rather large open online course...'. Below the header is a navigation menu with links for 'HOME', 'THE DAILY', 'WIKI', 'ABOUT', 'AGGREGATIONS', 'READINGS', and 'SIGNING UP'. The main content area is titled 'The Daily' and contains text about subscriptions and links for 'Options', 'The Daily Archives', 'Feeds', 'Posts', and 'Places'. The status bar at the bottom shows 'Done'.

Content is organized into pages



Archive

Stephen's Web

[START SEARCH] [NEWS] [DISCUSS]

[SEARCH] [ABOUT] [ARCHIVES] [OPTIONS]

2008											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
	01		01	01		01	01	01	01		
02			02	02	02	02		02	02		
03		03	03		03	03		03	03		
04	04	04	04		04	04	04	04	04		
	05	05		05			05	05	05		
	06	06		06	06		06			06	
07	07	07	07	07		07	07			07	
08	08		08	08		08	08	08	08		
09			09	09	09	09		09	09		
10		10		10	10	10		10	10		
11	11	11	11		11	11	11	11	11		
	12	12		12			12	12	12		
	13	13		13	13		13			13	
14	14	14	14	14		14	14			14	
15	15		15	15		15	15	15	15		
16			16	16	16	16		16	16		
17		17		17	17	17		17	17		
18	18	18	18		18	18	18	18	18		
	19	19		19	19		19	19			
	20	20		20	20		20			20	
21	21	21	21	21		21	21			21	
22	22		22	22		22	22	22	22		
23	23		23	23	23	23				23	
24		24		24	24	24		24	24		
25	25	25	25		25		25	25	25		
	26	26		26	26	26	26	26	26		
	27	27		27	27	27	27	27			

Done

Pages auto-archive



Custom Pages

List Page ~ Stephen's Web ~ by Stephen Downes - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://www.downes.ca/cgi-bin/admin.cgi?db=page&action=list&numb...

Admin Menu ~ Stephen... Google Reader Calendar

Google Image Result for http://... Connectivism & Connective K... Manage Subscriptions ~ gRSS... List Page ~ Stephen's We...

Stephen's Web

START SEARCH [NEWS]
[DISCUSS]

[SEARCH] [ABOUT] [ARCHIVES] [OPTIONS]

[ADMIN] *List pages*

[New] [List] Author Listing 0 to 100 of 68 pages
[New] [List] Box [Edit] [Delete] [Publish] 100 Weeks of Publications
[New] [List] Cite [Edit] [Delete] [Publish] About
[New] [List] Event [Edit] [Delete] [Publish] About OLDaily
[New] [List] Feed [Edit] [Delete] [Publish] About OpenID
[New] [List] File [Edit] [Delete] [Publish] About Stephen Downes
[New] [List] Link [Edit] [Delete] [Publish] About Stephen's Web
[New] [List] Optlist [Edit] [Delete] [Publish] About Threads
[New] [List] Mapping [Edit] [Delete] [Publish] Articles
[New] [List] Page [Edit] [Delete] [Publish] Best Ever
[New] [List] Person [Edit] [Delete] [Publish] Calendar
[New] [List] Post [Edit] [Delete] [Publish] Chat Log
[New] [List] Presentation [Edit] [Delete] [Publish] Darts
[New] [List] Publication [Edit] [Delete] [Publish] Discusson Threads
[New] [List] Project [Edit] [Delete] [Publish] Edu-RSS 0.2 Feeds
[New] [List] Task [Edit] [Delete] [Publish] Edu_RSS 0.2
[New] [List] Template [Edit] [Delete] [Publish] Edu_RSS 0.2 Code and Installation
[New] [List] Theme [Edit] [Delete] [Publish]
[New] [List] Topic [Edit] [Delete] [Publish]
[New] [List] View [Edit] [Delete] [Publish]

Done

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



Page Creation

Screenshot of the Mozilla Firefox browser showing the "Edit Page" interface for Stephen's Web. The browser title is "Edit Page ~ Stephen's Web ~ by Stephen Downes - Mozilla Firefox". The address bar shows the URL: <http://www.downes.ca/cgi-bin/admin.cgi?page=2&action=edit>.

The page content includes a navigation menu on the left with options like [New] [List] Author, [New] [List] Box, [New] [List] Cite, [New] [List] Event, [New] [List] Feed, [New] [List] File, [New] [List] Journal, [New] [List] Link, [New] [List] Optlist, [New] [List] Mapping, [New] [List] Page, [New] [List] Person, [New] [List] Post, [New] [List] Presentation, [New] [List] Publication, [New] [List] Project, [New] [List] Task, [New] [List] Template, [New] [List] Theme, [New] [List] Topic, and [New] [List] View.

The main content area is titled "Edit Page" and contains a form for editing a page. The form fields include:

- Title: OLDaily
- File: news/OLDaily.htm
- Header: email_html_header
- Footer: email_html_footer
- Feed: (empty)
- Autopub: yes
- Archive: yes
- Sub: yes
- Days: Monday, Tuesday, Wednesday, Thursday, Friday, Saturday
- Type: email

There is an "Update Record" button below the form fields. Below the form is a "Code" section containing HTML code for the page header and footer, including a title tag and a paragraph of text with a link to the current page.

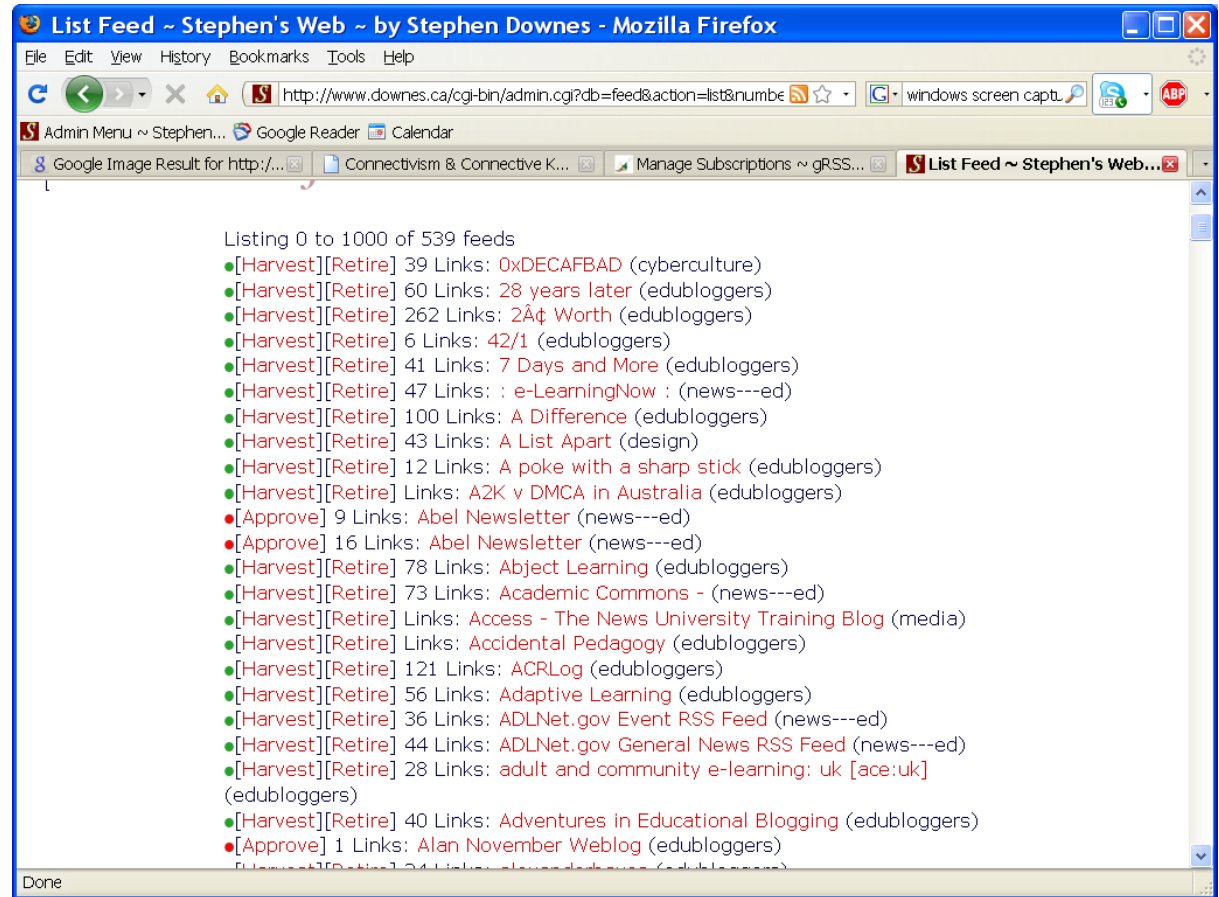
```
<h2 style="font: italic 28pt/32pt Georgia, serif; color: #91c6e7;">OLDaily</h2>

<p style="font: 400 12pt/16pt Verdana, Arial, sans-serif; color: #000040;">by
Stephen Downes<br/>
#TODAY#</p>
<keyword db=post;number=20;type=announcement;format=announcement_email;expires=48;
all;sort=crdate DESC>
<keyword db=presentation;number=20;format=email;expires=16;all;sort=crdate DESC>
<keyword db=post;number=20;type=article;format=article_email;expires=24;
all;sort=crdate DESC>
<keyword db=post;number=20;type=link;format=link_email;expires=16;all;sort=crdate
DESC>
```

Pages are created automatically from a database of content types



Feed Management



Content input comes from RSS feeds harvested by gRSShopper



Harvester

A screenshot of a Mozilla Firefox browser window. The title bar reads "[*page_title*] ~ Stephen's Web ~ by Stephen Downes - Mozilla Firefox". The address bar shows the URL "http://www.downes.ca/cgi-bin/harvest.cgi?source=queue". The browser's menu bar includes File, Edit, View, History, Bookmarks, Tools, and Help. The page content is as follows:

Harvester

Next in queue

Feed number 499
Feed Name: Jacinta Believes: Social Networking Tools In Learning Rock! Let's Rock Together!
Feed Type:
Harvesting: [Jacinta Believes: Social Networking Tools In Learning Rock! Let's Rock Together!](#)
Retrieved <http://socialnetrockstrue.blogspot.com/feeds/posts/default>
[Harvest next in queue.](#)
Updating Feed 499
Inserting:

[Trevor Young - Forever Young Citations:](#)

- [Royal Park Hote](#)
- [Forever Young Band](#)

Entry inserted to link, record number 287070.
[Royal Park Hotel In North Melbourne is Working on Supporting the Live Music Scene in Melbourne - Support you local music scene - Muso's need venues:\)](#) Citations:

- [here](#)

Entry inserted to link, record number 287071.

The browser's status bar at the bottom shows "Done".

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



Mapping

Edit Mapping ~ Stephen's Web ~ by Stephen Downes - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://www.downes.ca/cgi-bin/admin.cgi?mapping=1&action=edit

Admin Menu ~ Stephen... Google Reader Calendar

Google Image Result for http://... Connectivism & Connective K... Manage Subscriptions ~ gRSS... Edit Mapping ~ Stephen's ...

[ADMIN]

[New] [List] Author title:A Day In The Life -> journal
[New] [List] Box
[New] [List] Cite A mapping is a way to direct where you want harvested data to be stored. The mapping source is always a feed, while the mapping destination is always a database table.
[New] [List] Event
[New] [List] Feed
[New] [List] File
[New] [List] Journal
[New] [List] Link
[New] [List] Optlist
[New] [List] Mapping
[New] [List] Page
[New] [List] Person
[New] [List] Post
[New] [List] Presentation
[New] [List] Publication
[New] [List] Project
[New] [List] Task
[New] [List] Template
[New] [List] Theme
[New] [List] Topic
[New] [List] View

Source

Either...

<input type="radio"/> Specific Feed:	ACRLog
<input type="radio"/> Feed Type	Atom [Help]
<input type="radio"/> Feed Fields	title [Help]
<input checked="" type="radio"/> Value Pair	title:A Day In The Life [Help]

Destination

Select a destination table: journal

link

Map Table Elements

Source		Destination: journal
hits	--->	[v]
cites	--->	[v]

Done

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



Viewing Harvested Content

Edu-RSS Viewer ~ Stephen's Web ~ by Stephen Downes - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://www.downes.ca/cgi-bin/page.cgi?action=viewer

Admin Menu ~ Stephen... Google Reader Calendar

Google Image Result for http://... OLDaily ~ by Stephen Downes Manage Subscriptions ~ gRSS... Edu-RSS Viewer ~ Stephe...

Stephen's Web

START SEARCH [NEWS] [DISCUSS]

[SEARCH] [ABOUT] [ARCHIVES] [OPTIONS]

You are logged in as Stephen Downes [Logout]

Quick Updates + Boston KM Forum

I've very much enjoyed taking a break from blogging, what I've been calling my "blogging hiatus." I'm not certain if I'm now back in for real, but I feel the urge to write again today, even though it has turned out to be a gorgeous, almost summer day, in Boston...after a rainy start. I've just completed [...] [From: [Sims Learning Connections](http://blog.simslearningconnections.com/?p=314), October 27, 2008] 287040 <http://blog.simslearningconnections.com/?p=314>

Blog This!

5 of 84

THIS PAGE FIRST PUBLISHED ON OCTOBER 27, 2008 AND LAST UPDATED OCTOBER 27, 2008.

Copyright 2008 Stephen Downes

Harvested contents may easily be scanned in a viewer



Post Editor

Edit Post ~ Stephen's Web ~ by Stephen Downes - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://www.downes.ca/cgi-bin/admin.cgi

Admin Menu ~ Stephen... Google Reader Calendar

Google Image Result for http://... OLDaily ~ by Stephen Downes Manage Subscriptions ~ gRSS... Edit Post ~ Stephen's We...

Stephen's Web

START SEARCH [NEWS] [DISCUSS]

[SEARCH] [ABOUT] [ARCHIVES] [OPTIONS]

Edit Post

[ADMIN]

[New] [List] Author [Go to Viewer]

[New] [List] Box

[New] [List] Cite

[New] [List] Event

[New] [List] Feed

[New] [List] File

[New] [List] Journal

[New] [List] Link

[New] [List] Optlist

[New] [List] Mapping

[New] [List] Page

[New] [List] Person

[New] [List] Post

[New] [List] Presentation

[New] [List] Publication

[New] [List] Project

[New] [List] Task

[New] [List] Template

[New] [List] Theme

[New] [List] Topic

[New] [List] View

Title	Quick Updates + Boston KM Forum
Link	http://blog.simslearningconnections.com/?p=314
Author	
Journal	Sims Learning Connections
Type	Link
Crdate	
Description	I've very much enjoyed taking a break from blogging, what I've been calling my 'blogging hiatus.' I'm not certain if I'm now back in for real, but I feel the urge to write again today, even though it has turned out to be a gorgeous, almost summer day, in Boston - after a rainy start. I've just completed [...]

Done

Work with aggregated content to create new content



Open Source

A screenshot of a Mozilla Firefox browser window displaying the 'gRSShopper Code' page. The browser's address bar shows the URL 'http://grsshopper.downes.ca/code.htm'. The page content includes the 'gRSShopper' logo in the top right, a search bar with a 'START SEARCH' button, and a navigation menu with links for [DISCUSS], [SEARCH], [ABOUT], [ARCHIVES], and [OPTIONS]. The main heading is 'gRSShopper Code' in a large, green, serif font. Below this, a text box contains a list of links: [gRSShopper Home Page], [About gRSShopper], [Demonstration Site], [Detailed Description], [Installation Instructions], [Data Types], [Page Commands], and [gRSShopper Source Code]. To the right of the links, the text reads 'Here is the code: grsshopper.tar.gz'. Below this, a Creative Commons license notice states 'THIS WORK IS LICENSED UNDER A CREATIVE COMMONS LICENSE.' and 'COPYRIGHT 2008 STEPHEN DOWNES CONTACT: STEPHEN@DOWNES.CA'. The browser's status bar at the bottom shows 'Done'.

gRSShopper code is available as an open source download



More

Welcome to Stephen's Web ~ Stephen's Web ~ by Stephen Downes - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://www.downes.ca/

Admin Menu ~ Stephen... Google Reader Calendar

Google Image Result for htt... OLDaily ~ by Stephen Dow... Manage Subscriptions ~ gR... Welcome to Stephen's ...

Stephen's Web

START SEARCH [NEWS] [DISCUSS]

[SEARCH] [ABOUT] [ARCHIVES] [OPTIONS]



Stephen Downes, April, 2008

Applications of Social and Collaborative Technologies in Education



Read cdn.slideshare.net

Integrating the Internet Into the Classroom

October 22, 2008. PEI Teachers Federation Conference 2008, Charlottetown, PEI (Keynote).

Welcome to the home page of Stephen Downes. I work for the National Research Council, Institute for Information Technology, in Moncton, New Brunswick, Canada. I specialize in online learning, content syndication, and new media.

Read my [daily newsletter](#) and, if you like it, [subscribe](#).

- [About Stephen, About This Website](#)
- [Today's News in OLDaily](#)
- [Research Topics, Research Wiki, Code](#)
- [Publications, Papers and Presentations](#)
- [Blog posts at Half an Hour](#)
- [My Photos on Flickr and My Videos](#)
- [My Facebook Profile](#)
- [My Canada](#)

<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 illuminate 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 (gziemens@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

The screenshot shows the website for 'CONNECTIVISM & CONNECTIVE KNOWLEDGE', described as 'a rather large open online course...'. The navigation menu includes HOME, THE DAILY (selected), WIKI, ABOUT, AGGREGATIONS, READINGS, and SIGNING UP. The main content area is titled 'Site Administration' and contains several sections:

- [ADMIN]**: A list of administrative actions, each with a '[New]' and '[List]' link. The items are: Author, Box, Cite, Event, Feed, File, Journal, Link, Optlist, Mapping, Page, Person, Post, Presentation, Publication, Project, Task, Template, Theme, Topic, and View.
- Reader**: A sub-section with a link to 'Viewer'.
- Mailing List**: A sub-section with a link to 'Test Newsletter (Sends to Admin Only)... Send Newsletter'.
- Harvester**: A sub-section with links to 'Harvest Next In Queue', 'Harvest All Feeds', and 'Calculate Most Cited'.
- Harvest Results**: A sub-section with links to 'Most Recent in EduRSS (RSS Version)' and 'Look at the files: HTML, XML, RSS'.
- Feeds**: A sub-section with a link to 'Export OPML File'.

Course Components

- Feed Harvesting

CONNECTIVISM & CONNECTIVE KNOWLEDGE

a rather large open online course...

HOME THE DAILY WIKI ABOUT AGGREGATIONS READINGS SIGNING UP

List feeds

[ADMIN]

Listing 0 to 1000 of 106 feeds

[New] [List] Author	[Harvest] [Retire] Links: ActionsFLE en formation (category)
[New] [List] Box	[Approve] Links: Aggregator Blog (category)
[New] [List] Cite	[Approve] Links: Āl dĀa (category)
[New] [List] Event	[Approve] Links: Alvin's Educational Technology Blog (category)
[New] [List] Feed	[Approve] Links: An Education and Technology Blog (category)
[New] [List] File	[Approve] Links: An Oxonian's Learning Journey (category)
[New] [List] Journal	[Approve] Links: Beespace (category)
[New] [List] Link	[Approve] Links: blog.puntopanto.it, bloggers she wrote (category)
[New] [List] Optlist	[Approve] Links: Bradley Shoebottom Blog (category)
[New] [List] Mapping	[Approve] Links: Brett Powell CCK (category)
[New] [List] Page	[Approve] Links: Buthaina-Connect08 (category)
[New] [List] Person	[Approve] Links: CCK-No8 (category)
[New] [List] Post	[Approve] Links: cck08 - learning (category)
[New] [List] Presentation	[Approve] Links: CCK08-Viplay Baxi (category)
[New] [List] Publication	[Approve] Links: Classroomblogging.com (category)
[New] [List] Project	[Approve] Links: Coalesce (category)
[New] [List] Task	[Approve] Links: Concetta Gotlieb's Blog (category)
[New] [List] Template	[Approve] Links: Connecting Online (category)
[New] [List] Theme	[Approve] Links: Connective Knowledge Weblog (category)
[New] [List] Topic	[Approve] Links: Connectivism & Connective Knowledge (edubloggers)
[New] [List] View	[Approve] Links: Connectivism and Connective Knowledge (category)
	[Approve] Links: Connectivism by the Nile (category)

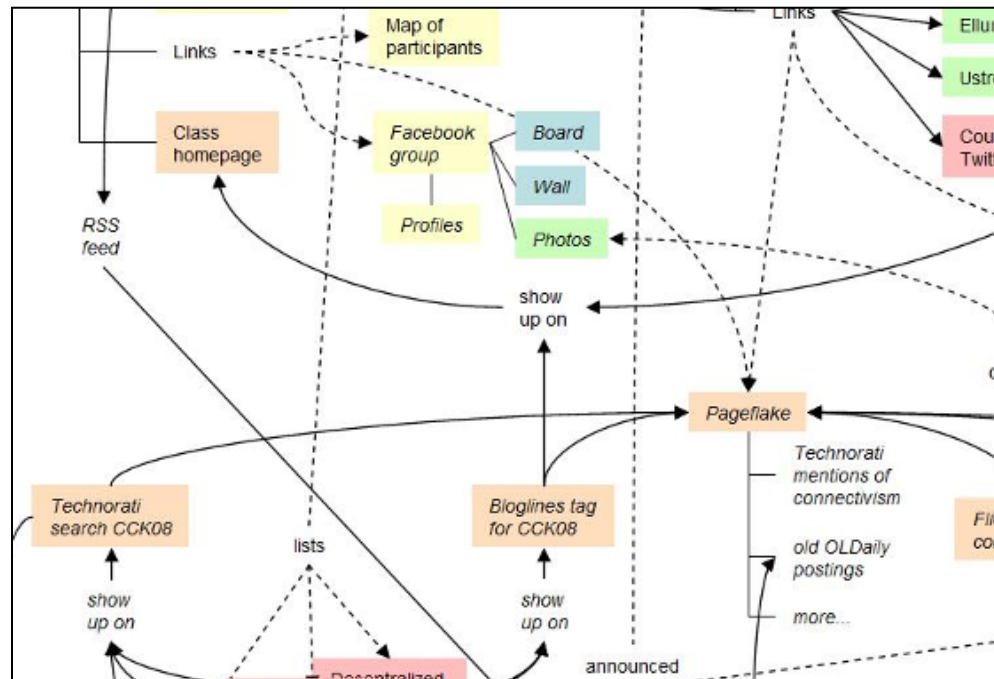
Course Components

- Intro...

The screenshot displays a software interface for a presentation. At the top left, it shows 'GettingStarted (00:05 / 09:46)' and 'ATTACHMENTS'. Below this is the University of Manitoba logo and a profile for George Siemens, Associate Director, R & D, LTC, U of Manitoba, with an 'Email' button. A navigation pane on the left lists an 'Outline' with items: 1. Connectivism and Connective Knowledge: G..., 2. Slide 2, 3. The Hub, 4. The Daily, 5. Slide 5, 6. Each Week, 7. Weekly Schedule, 8. How to participate, and 9. Tasks. The main slide area features the title 'Connectivism and Connective Knowledge: Getting Started' and the subtitle 'Massive Open Online Course'. Below the subtitle are two portrait photos: one of George Siemens on the left and one of Stephen Downes on the right. The bottom of the interface includes the 'articulate' logo, a 'SLIDE 1 OF 9' indicator, a 'PAUSED' status, and a timer showing '00:05 / 00:10'.

The Students

- The Course Map...



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

The Students

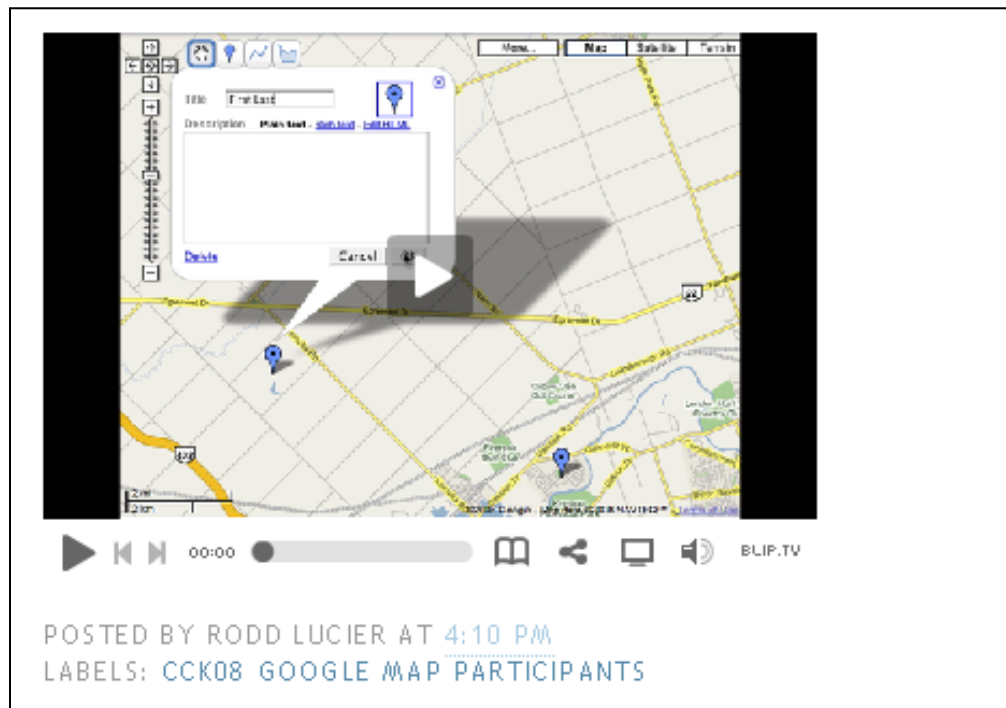
- The *Other* Course Map...



<http://tinyurl.com/cck08map>

The Students

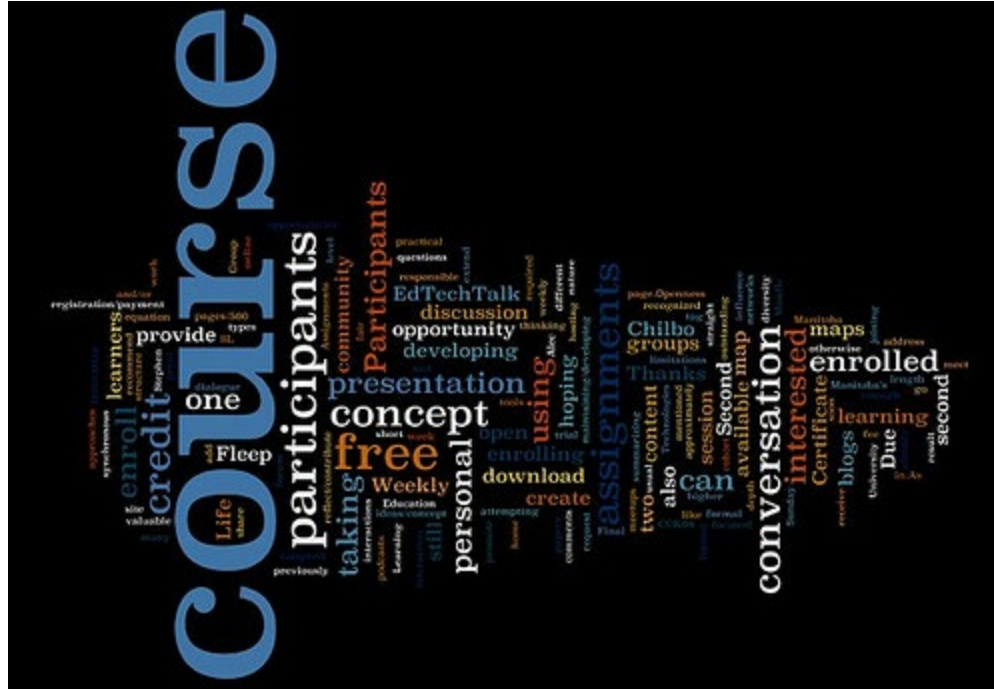
- Add to the Map - Video



<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://fleep.net/blog/2008/08/03/educators-cck08-connectivism-connective-knowledge-course/>

The Students

- Google Groups

The screenshot shows a Google Groups interface for the group 'Connectivism and Connective Knowledge'. The page title is 'extending access of CCK08'. There are 7 messages in the thread. The first message is from HelenaR, asking if there is a need to create regional help desks in Portuguese for easier access to the course content. The second message is from MariaTeresa, who responds positively, suggesting that translation is important for engaging readers in different languages. The interface includes search bars, user profile links, and options to reply, forward, and rate the posts.

Google Groups stephen.downes.ca@gmail.com | [My Groups](#) | [Favor](#)

Connectivism and Connective Knowledge

extending access of CCK08 [Options](#)

☆ 7 messages - [Collapse all](#)

HelenaR [View profile](#) [More options](#) Jun 22, 1:58 am

Is there a need to create a kind of regional help desks, in Portuguese for instance, to easy access to this course ? Can i help translating or co-translating the contents ?
Helena

[Reply to author](#) [Forward](#) Rate this post: ☆☆☆☆☆

MariaTeresa [View profile](#) [More options](#) Jun 24, 4:35 pm

Very good idea Helena. Translation is important; even though the language of the course is english, to count with information on how to participante in several languages will help to engage readers in those languages, Maria Teresa

On 22 Jun, 07:58, HelenaR <ramoshelena_@gmail.com> wrote:

- Show quoted text -

[Reply to author](#) [Forward](#) Rate this post: ☆☆☆☆☆

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

The Students

- Translations...



The screenshot shows a wiki page for 'Conectivismo - Curso online' on the Learning Technologies Centre (LTC) website. The page includes a navigation menu on the left with links to 'Main Page', 'Recent changes', 'Random page', 'sandbox', and 'Help'. Below this is a section for 'ltc links' with links to 'LTC Website', 'Activities', 'Workshops and Resources', and 'Teaching with Technology'. The main content area features a title 'Conectivismo - Curso online', a welcome message, a tag 'CCK08', and information about language translations and a Facebook group. A 'Contents' section is visible at the bottom, listing three items: '1 Por favor, se quiser participar, (seja de forma livre ou de uma forma m formal para creditação) insira o seu e-mail aqui', '2 Blogue do curso', and '3 Detalhes do curso'.

Log in / create ac

[page](#) [discussion](#) [view source](#) [history](#)

Conectivismo - Curso online

Bem-vindo ao wiki de apoio ao **curso online sobre Conectivismo e Conhecimento Conectado**.

Tag do curso: CCK08

Esta página também está disponível em [Inglês](#), em [Espanhol](#) em [Chinês](#) (Versão simplificada de caracteres) e em [Italiano](#).

Esta página também tem um grupo no FaceBook em [CCK08](#)

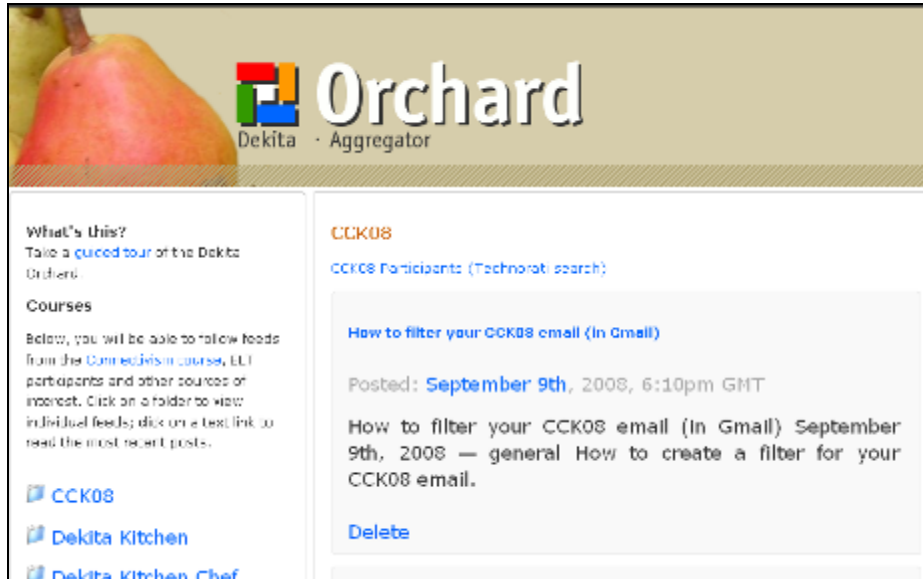
Contents [hide]

- 1 Por favor, se quiser participar, (seja de forma livre ou de uma forma m formal para creditação) insira o seu e-mail aqui
- 2 Blogue do curso
- 3 Detalhes do curso

[http://ltc.umanitoba.ca/wiki/Conectivismo - Curso online](http://ltc.umanitoba.ca/wiki/Conectivismo_-_Curso_online)

The Students

- Dekita...



Orchard
Dekita · Aggregator

What's this?
Take a [guided tour](#) of the Dekita Orchard.

Courses
Below, you will be able to follow feeds from the [Connectivism course](#), ELL participants and other sources of interest. Click on a folder to view individual feeds; click on a text link to read the most recent posts.

- [CCK08](#)
- [Dekita Kitchen](#)
- [Dekita Kitchen Chef](#)

CCK08
CCK08 Participants (Technorati search)

[How to filter your CCK08 email \(In Gmail\)](#)

Posted: [September 9th, 2008, 6:10pm GMT](#)

[How to filter your CCK08 email \(In Gmail\)](#) September 9th, 2008 — general How to create a filter for your CCK08 email.

[Delete](#)

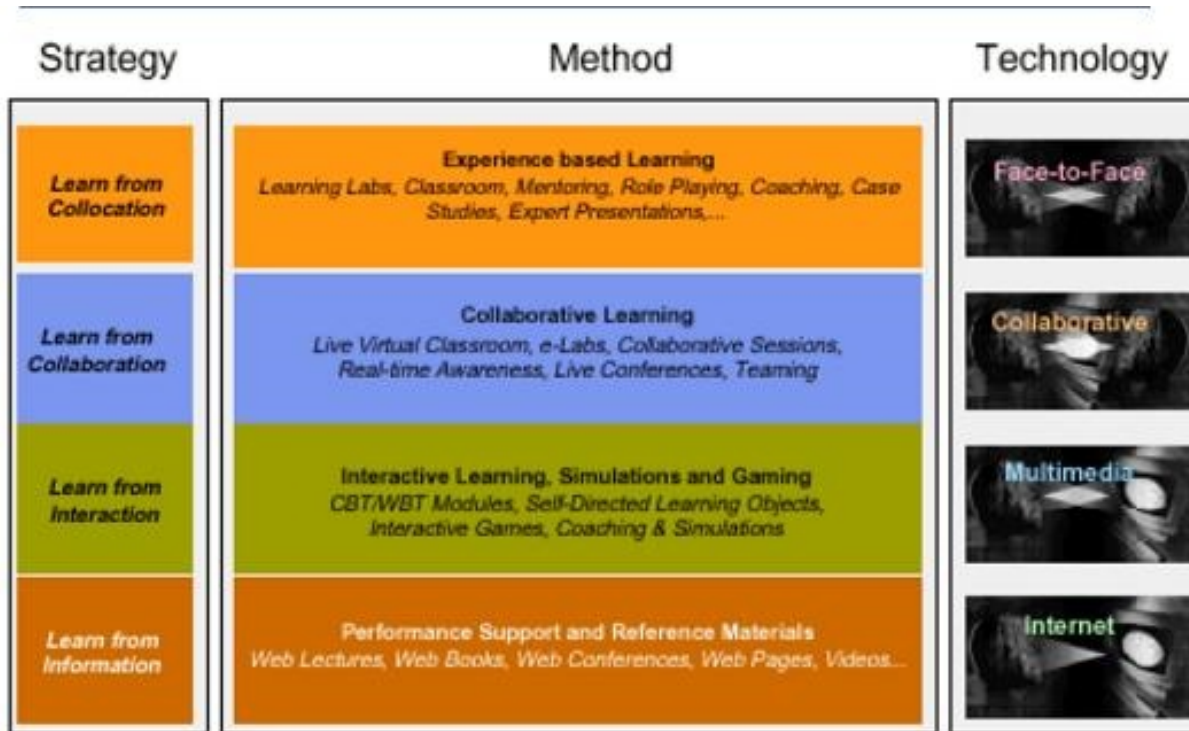
http://dekita.org/orchard/CCK08_/

The Students

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



Learning Approach



- <http://apsblog.com/site/learning-architecture/learning-approaches>

Co-Location

Coaching
Mentoring
Interaction
Play
Creation



Physical spaces will become work and creativity spaces, not presentation spaces. New technology includes: ambient internet, multimedia, robotics, capture tools, more... Eg. MIT Media Lab

Collaboration

Conferencing
Meeting
Conversation
Co-creation
Teaming
Networks



Online collaboration becoming more immersive, more multimedia. Eg. Second Life, Adobe Connect, Elluminate; capture tools more prevalent. Collaboration more mobile as well – don't forget recording and capture.

Interaction



Games
Simulations
Training
Learning Objects

Game-based learning becoming widely accepted; games and simulations becoming more realistic; new tools and mod kits to help people program their

Information

Lectures
Books
Conferences
Pages
Video



Information becomes free and ubiquitous; easily found via personalized semantic social networks; data becomes embedded into learning resources.

The Principles

1. Diversity

We want to encourage students to engage in diverse readings, diverse environments, diverse discussions

The Principles

2. Autonomy

We want students to chart their own course, to select their own software, to pursue their own learning

The Principles

3. Interaction / Connectedness

The knowledge in this course emerges as a result of the connections among the students and staff – and is not some ‘content’ shoveled from experts to recipients

The Principles

4. Openness

We don't draw barriers between 'in' and 'out' – which means we can accommodate the full engaged, the partially engaged, and the rest – creating strong ties and weak ties

Thanks!

QuickTime™ and a
TIFF (Uncompressed) decompressor
are needed to see this picture.

<http://www.downes.ca>