

The Read~Write Web: all in one place

Web 2.0 ~ Overview

- Term coined by O'Reilly Media in 2003
- Popularised in 2004
- The web itself has not changed
- The way in which software developers design applications for the web has changed
- The way people use the web as a platform has changed
- Web 1.0 ~ we are *passengers* on the ride
- Web 2.0 ~ we are the *drivers*
- Web 1.0 ~ the web is simply a *repository* for information
- Web 2.0 ~ the web is a *platform* for participation
- Users own and control the data
- Climate of participation
- Users add value as their needs evolve
- User friendly interface
- Social networking
- Lifestreaming
- We are producers of data and not simply consumers

The Tools

- Core Tools
 - Blogs
 - Wikis
 - Del.icio.us
 - Podcasts
 - Vodcasts
 - Flickr
 - News~Readers
 - Posterous
- Supporting Tools
 - Twitter
 - Nings
 - Diigo
 - Facebook
 - MySpace
 - Netvibes
 - Pageflakes
 - Many, many, more...
- Stable, productive, constructive
- Augment, support, network

Blogs

- Single or multiple authors
- News
- Commentary
- Diaries
- Field Reports
- Travelogues
- Varying genres
- Readers can leave comments
- Interactive
- Incorporate mixed media such as text, images, audio and video
- Reflect on your own teaching
- Pose questions to the 'universe'
- Respond to comments
- Link to other practitioners
- Comment on other blogs
- Respond to links made by others to your own blog
- Share your links
- Share your resources
- Encourages students to write
- Students will write even when they do not need to
- Reach out to world
- Feedback from peers, teachers and the world (possibly)
- Students link up with the writings of others
- Collaborative blogs
- Students realise that others can read their work ~ motivating
- Progress reports
- Project diaries
- Field reports
- Linkage to other Web 2.0 tools
- Different approaches
- Single teacher blog
- Single class blog ~ questions, PBL
- Small group blogs
- Individual student blogs

Wikis

- Software that allows multiple editors of web page content
- Collaborative writing
- Communities ~ private
- WYSIWYG editors
- Writing
- Publishing
- Collaboration
- Mind mapping
- Critical thinking
- Language learning
- Bring it all together
- Correct spelling
- Linking articles appropriately
- Check grammar
- Translation activities
- Security is an issue ~ vandalism ~ check permissions ~ who can author?

Flickr and/or Picassa

- Photo sharing
- Image repository
- Online community ~ groups
- Tagging ~ folksonomy ~ tag clouds
- Linked to blogs and wikis
- Field report photographs
- Topic photographs
- Artwork
- Sketches
- Tagging ~ critical thinking
- Annotation ~ hot spot learning objects
- Resources
- Time lapse view

NewsReaders ~ Google Reader

- Subscribe to other educators' blogs
- Subscribe to Flickr feeds, Del.icio.us bookmarks, News feeds
- Subscribe to *any* RSS syndicated feed
- Categorise the blogs and feeds that you read
- Share blog posts and news items that you found interesting with others
- Create blog rolls that you can share with others
- Embed your blog rolls on your own blog
- Subscribe to your own blog so that you can verify its integrity

Podcasts & Vodcasts

- A digital media file distributed via the Internet using a syndication feed
- The digital media file can consist of audio, video or even be an ordinary document such as a text file or a pdf file.
- The digital media file is pushed from a server to a client ~ such as a personal computer
- The digital files are downloaded automatically to the subscriber's computer by dedicated software such as iTunes or Juice
- That digital media file can then be played by a portable media player such as an Apple iPod, iRiver flash player or a Creative Zen media player
- Subject ~ news, music, sport, learning
- Media file ~ audio and/or video
- RSS file ~ "instructions" ~ xml
- Web server ~ no special configuration
- Podcasts & learning:
 - Inspire the student body:
 - Audio interviews
 - Audio portfolio reflections
 - Journalism styled tasks
 - Storytelling
 - Oral history
 - Oral reports
 - Field reports
 - Place the students in charge of media creation

Del.icio.us bookmarks

- Take your bookmarks with you everywhere
- Share your bookmarks
- Categorise your bookmarks
- Link to them from your blog

Twitter

- Develop and grow a network
- Locate an influential educator and see who they follow and...
- Follow those followers as well
- Post your ideas and links to your blog posts or other resources as a 'tweet'
- Pose questions to the Twitter universe
- Quirky and addictive for some
- Not for all users ~ "too weird"

New directions and consolidations

- Mashups
 - Mixing and reworking the data
 - Filtering the data
 - Yahoo! Pipes
 - Dapper
 - AideRSS
- Semantic Web ~ Personalisation
 - Information and services on the web are *defined* to *understand* and meet the needs of the users
- Recommendation Engines
 - Pioneered by Amazon
 - Last.FM
 - Media outlets
- Web services ~ transformation of information and databases into a dynamic rather than passive product
- Virtual Worlds ~ Second Life
- Mobile Web
- RIA: Rich Internet Apps ~ Adobe AIR

People ~ Educators

Danah Boyd	http://www.zephoria.org/thoughts/
Steven Downes	http://halfanhour.blogspot.com/ and http://www.downes.ca/
Wes Fryer	http://www.speedofcreativity.org/
David Jakes	http://strengthofweakties.org/
Alan November	http://nlcommunities.com/communities/alannovember/default.aspx
Gary Stager	http://www.stager.org/blog/
Michelle Martin	http://michelemartin.typepad.com/thebambooprojectblog/
Will Richardson	http://weblogg-ed.com/
Sue Waters	http://aquaculturepda.edublogs.org/
Sivasothi N.	http://otterman.wordpress.com/ and http://tinyurl.com/4aoqu2
Chris Sessums	http://eduspaces.net/csessums/weblog/
Konrad Glogowski	http://www.teachandlearn.ca/blog/
David Warlick	http://davidwarlick.com/2cents/
Jennifer Jones	http://injenuity.com/
Clay Burell	http://beyond-school.org/
Larry Ferlazzo	http://larryferlazzo.edublogs.org/
Silvia Tolisano	http://langwitches.org/blog/
Steve Hargadon	http://www.stevehargadon.com/
Tony Karrer	http://elearningtech.blogspot.com/
Kevin Lim	http://theory.isthereason.com/

People ~ Corporate and Media

Sam Lawrence	http://gobigalways.com/
Daniela Barbosa	http://www.danielabarbosa.blogspot.com/
Vanessa Tan	http://vantan.org/
Jeremiah Owyang	http://www.web-strategist.com/blog/
Linda Skrocki	http://blogs.sun.com/lskrocki/
Paul Miller	http://blogs.zdnet.com/semantic-web/ and http://talk.talis.com/
Kristie Wells	http://twitter.com/joyent and http://www.joyeur.com/
Aaron Fulkerson	http://wiki.mindtouch.com/

Entities

Read~Write Web	http://www.readwriteweb.com/
Intute Blog	http://www.intute.ac.uk/blog/
TechLearning Blog	http://www.techlearning.com/blog/
Infinite Thinking	http://www.infinitethinking.org/
SouthWest Airlines	http://www.blogsouthwest.com/ and http://twitter.com/SouthwestAir
Yesterday.sg	http://blog.museums.com.sg/index.php

