

LTTC Workshops: Learning2.0

# Introduction to Web2.0: Social bookmarking Blogging and collaborative writing

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2010

# The workshop focuses on

- Basic features of Web2.0 tools
  - Tags
  - Rss
  - Collaborative sharing to learning community
- Exemplars on Web2.0
  - Social bookmarking: [del.icio.us](http://del.icio.us)
  - Blogging: Blogger
  - Collaborative writing (wiki): [wikispaces](http://wikispaces.com)

# Task

- Compare these two websites, which website is using web 2.0 technology
  - <http://www.ied.edu.hk/web/>
  - <http://www.ied.edu.hk/lttc>
- What types of web 2.0 technology have been used?
- Please post your feedback on Bb discussion area

# What is Web 2.0?

- Refer to web development and web design that facilitates interactive information sharing, interoperability, user-centered design<sup>[1]</sup> and collaboration on the World Wide Web (Wikipedia, 2009)
- Milestone paper about Web 2.0 by O'Reilly (2005)
- <http://oreilly.com/web2/archive/what-is-web-2.0.html>
  - A business model for next generation software
  - It hinted the development of users' participation in Internet through
    - Blogs
    - Wiki
    - Social bookmarking
    - RSS
- Traditional website, we just get information. With web2.0, passive receivers can be changed to contributors.

# Characteristics of Web 2.0 technology

- Freeware and open for amendment
- Folksonomy vs taxonomy: tags
- Learning community
- rss

# Characteristics of Web 2.0 technology

- Freeware and open for amendment
  - Users are free to use
  - Free to use, users increase quickly; feedback about the freeware increases accordingly; updated version of freeware was amended from time to time
  - E.g. Think about YouTube, the users of YouTube increases sharply, there are a lot of changes between YouTube at 2005 to YouTube 2010, and it is still free for users. However, MS Office has changed from MS Word Office 2003 to MS Office 2007 during the time and you need to pay for updating.

# Characteristics of Web 2.0 technology

- Folksonomy vs Taxonomy
  - Folksonomy in Web2.0: User defined searching structure
    - User-defined tags are used to define your posting, categories of tags are developed which will build up a user-defined classification for information searching
  - Taxonomy in Traditional website: built-in hierarchy of knowledge structure
    - a built-in hierarchy of knowledge structure for information searching which could not be added or refined by users (Similar to Library book call number, you have to follow their classification and users can't amend the classification or the call number)

# Characteristics of Web 2.0

- Learning community
  - Individual user-defined tags can be linked to global user-defined tags with the same “wordings”, linking up different users will create a huge learning community for knowledge sharing and construction
    - E.g. tags in [Flickr](#) or del.icio.us



# Task: searching del.icio.us

- Go to <http://delicious.com/>
- Search tag “web 2.0”
- How many bookmarks on web 2.0 are displayed?
- Which bookmark has been saved the most?
- Can I know who has saved the bookmark?
- Can I know the list of bookmarks on specific individual?
- What is the implication to Internet research?

# My del.icio.us

This bookmark has been saved by 29 users through del.icio.us

**delicious** Home Bookmarks People Tags

**Vincent Hung's Bookmarks**  
Bookmarks | Network | Tags | Subscriptions  
Site: <http://learningwithtechnology-vincent.blogspot.com/>  
Email: [vhung@ied.edu.hk](mailto:vhung@ied.edu.hk)  
See more bookmarks in [Popular](#) or [Recent](#).

vhung Type a tag

**tags** Bookmarks 107 Display options

**Name of saved bookmark** →

19 JUN 10 Mobile computing on Horizon report **SAVE** 29

18 MAY 10 My learning experience **SAVE** 3

22 FEB 10 The Hong Kong Institute of Education **SAVE** 2

Centre for Learning, Teaching and Technology **SAVE** 2

17 SEP 09 [http://www.redorbit.com/news/science/130594/case\\_and\\_grounded\\_theory\\_as\\_qualitative\\_research\\_methods/index.html](http://www.redorbit.com/news/science/130594/case_and_grounded_theory_as_qualitative_research_methods/index.html) **SAVE** 4

18 AUG 09 E-Learning 2.0 " Tech Learning **SAVE** 163

E-Learning 2.0 ~ Stephen's Web ~ by Stephen Downes **SAVE** 1356

e-learning 2.0 - how Web technologies are shaping education **SAVE** 79

E-learning 2.0, whatever that is [DJ Alchemi] **SAVE**

1 2 3 4 5 6 7 ... 10 11 Next >

**Tags cloud in Folksonomy**

**Tag Bundles**

| Tag Bundle           | Count |
|----------------------|-------|
| Multiliteracies      | 12    |
| higher_order_thin... | 9     |
| media_education      | 8     |
| technology_and_je... | 26    |
| video                | 4     |
| web2.0               | 19    |
| Unbundled Tags       | 117   |

**All Tags** 168

2.0 21st\_century\_classroom 21st\_century\_learning 21st\_century\_skills analysing applying asclite08 assesment\_for\_learning assesment blog blogger brainstorming camcorder Cary\_Bazalgette case cat collaboration collaborative\_techn... colloborative comment community copyright creative\_commons creative\_thinking cultural\_practices culture curriculum cybercollage David\_Buckingham delicious Diana\_Larillard digital\_ethnography digital\_immigrants Digital\_natives digital\_storytelling Discourses drawing DV\_Camp earning ebook education education\_technology elearning2.0 environment eportfolio Examples facebook favorites\_link feed Flickr freeware friends future globalization google grounded\_theory, Gunther\_Kress Henry\_Jenkins Henry\_Jenkins higher\_order\_thinking hz10 ICT instant\_translator institute instructional\_video Interactive\_whiteboard interdisciplinary internet Internet\_search ipaper jonassen journal language learning\_2.0 learning\_2.0 learning\_with\_techn... learning, learning2.0 literacies literacy local\_media\_technol... m-learning mahara mahara, media Media\_education Media\_Literacy media metacognition mind\_map Mindtools mobile

**More frequently used tags, larger in word size**

# Exemplar: Social bookmarking

- a method for Internet users to store, organize, search, and manage bookmarks of web pages on the Internet, typically in the form of tags that collectively and/or collaboratively become a folksonomy (Wikipedia, 2009)
- Through tags searching, user can find out similar tags used by others, and view similar websites under the same tag, expand your research scope and build up a learning community
- Eg: del.icio.us: <http://delicious.com/>
- My del.icio.us: <http://delicious.com/vhung>

# Characteristics of Web 2.0



- RSS


- "Really Simple Syndication" was used to publish frequently updated news or information on various media formats
- RSS feeds benefit publishers by letting them syndicate content automatically.
- readers can subscribe to timely updates from favored websites or to aggregate feeds from many sites into one place (Wikipedia, 2009)
- includes
  - "RSS reader" or "feed reader",
  - The RSS reader checks the user's subscribed feeds regularly for new work, downloads any updates that it finds, and provides a user interface to monitor and read the feed

# Example of RSS with LTTC


website <http://www.lttc.ied.edu.hk/?cat=115>


rss feeder for  
subscription,  
click to see what  
happen

[Home](#) [LTTC Blog](#) [T & L Enhancement](#) [Blackboard LMS](#) [Learning Technologies](#) [ITCE](#) [Workshops/Seminars](#) [VBLC](#)

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### Workshops & Events

« Aug **September 2010** Oct »

| 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  |     |     |

[a](#) [A](#) [Default](#)

#### Post Category


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## Learning2.0: Introduction to Web2.0: Social bookmarking, blogging, and collaborative writing (Staff & Students)

The workshop focuses on introducing the basic features of Web2.0 tools. Some exemplars on social bookmarking, blogs and wiki will be given to illustrate how Web2.0 tools facilitating digital content dissemination, sharing and publishing.

| Date               | Time          | Venue    |
|--------------------|---------------|----------|
| Sep 17, 2010 (Fri) | 12:30 - 14:00 | B2-LP-01 |
| Oct 5, 2010 (Tue)  | 14:30 - 16:00 | B2-LP-01 |
| Oct 18, 2010 (Mon) | 10:00 - 11:30 | B2-LP-01 |
| Oct 26, 2010 (Tue) | 10:00 - 11:30 | B2-LP-01 |
| Nov 10, 2010 (Wed) | 12:30 - 14:00 | B4-P-03  |
| Nov 18, 2010 (Thu) | 14:30 - 16:00 | B4-P-03  |

Enrol at <https://uslinux.ied.edu.hk/enroll/course1.php?groupid=lttc45>



August 7th, 2010 | Tags: Web2.0 Tools | Category: LTTC Events, LTTC Workshops (all), Staff Workshops, Student Workshops, WS: Learning2.0 Series | [Leave a comment](#)

## Learning2.0: AVATAR: A new dimension of teaching & learning in the Second Life virtual world (Staff & Students)

#### Useful Links

- Blackboard 9 Login
- HKIED Home
- MyIED
- Outcome Based Learning
- VBLC

#### Login

Username:

Password:

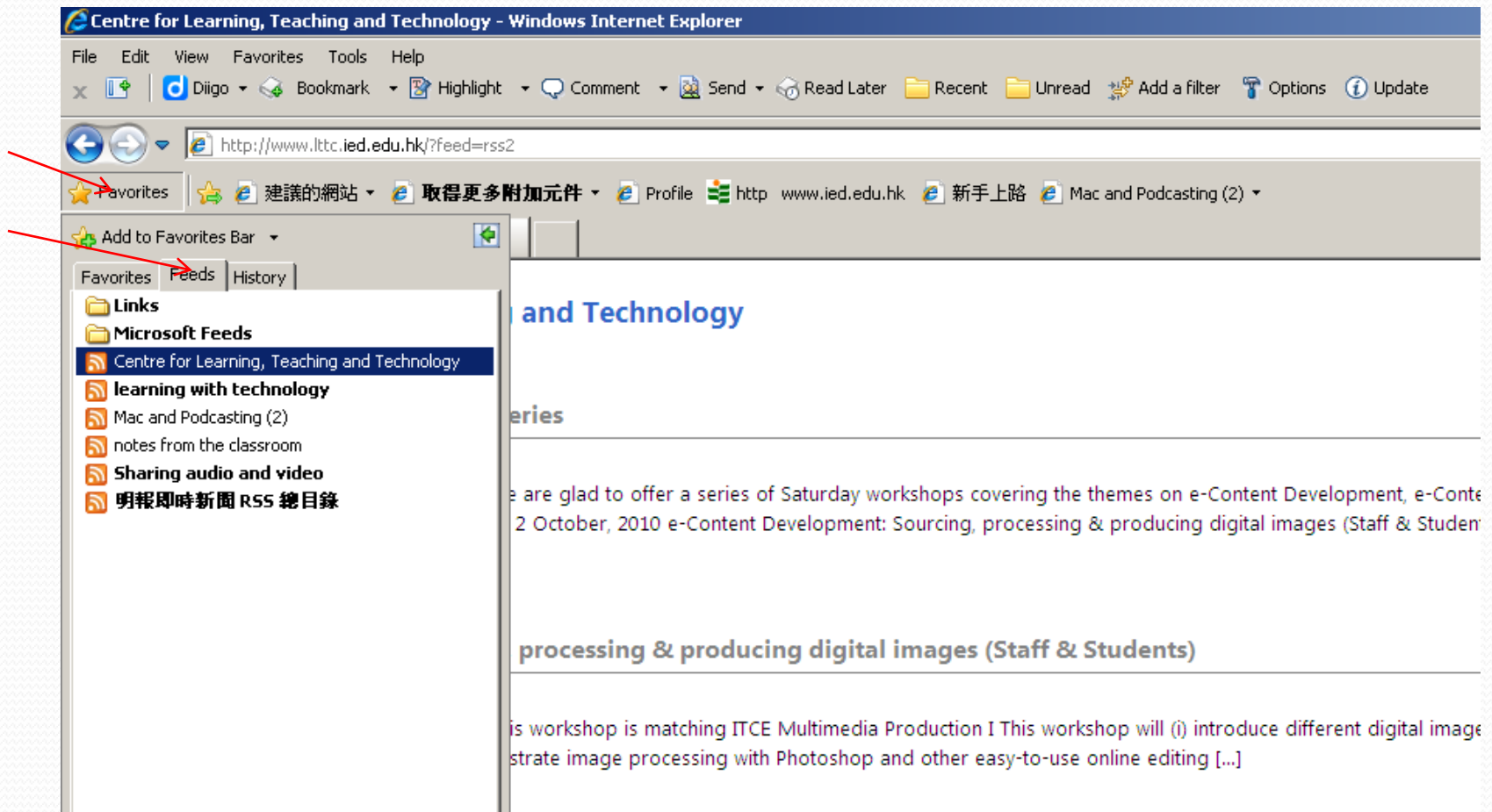
☐ Remember me

[Login »](#)

#### Tag Cloud

[Assessment](#)  
[assignment](#) [Bb](#)  
[Blackboard](#)  
[Blended Learning](#) [Blended](#)  
[learning practices](#)  
[Blogs](#)  
[Collaborating](#)

# Viewing your subscription: IE8





# Blogs

- A **blog** (short term of "**weblog**")<sup>[1]</sup> is a type of website, usually maintained by an individual with regular entries of commentary, descriptions of events, or other material such as graphics or video. Entries are commonly displayed in reverse-chronological order. (Wikipedia, 2009)
- Can be used for students writing daily or weekly reflection on learning
- Widely used with the web 2.0 technology, such as tags and RSS
- My blog: <http://learningwithtechnology-vincent.blogspot.com/>
  - How to create your first blog, please enroll another LTTC workshop on Sharing and publishing digital audios and videos in Web2.0  
<http://www.lttc.ied.edu.hk/?p=3081>

# wiki

- a website allows the easy creation and editing of any number of interlinked Web pages
- often used to create collaborative websites, for personal note taking, and in knowledge management systems. (Wikipedia, 2009)
  - E.g. collaborative encyclopedia Wikipedia
- Students writing wiki are engaging in collaborative learning



# Special features of wiki

- All members of a wiki have the same right to post, edit and revise the wiki website
- Pages of the same wiki can be hyperlinked to each other, building up a website hierarchy
- an ongoing process of creation and collaboration that constantly changes the Web site landscape.
- All changes can be traced by “history” button
- My wiki: constructed by wikispaces:  
(<http://www.wikispaces.com/> )
  - <http://web2oforlearning.wikispaces.com/>

# Special features of wiki

The screenshot shows the web20forlearning wiki interface. At the top, there's a green header with the site logo and user information. Below this is a navigation bar with tabs: wiki, PAGE, DISCUSSION, HISTORY, and NOTIFY ME. The HISTORY tab is highlighted with a red box, and a red arrow points from it to the text 'History for tracing the changes contributed by different members'. On the left side, there's a sidebar with links: New Page, Recent Changes, Manage Wiki, and a search bar. Below these is a 'Hyperlink navigation bar' (indicated by a red box and arrow) containing links: Home, Blog, iGoogle, rss, Social Bookmarking, Web 2.0, and wiki. The main content area displays a page titled 'Wikis in Plain English' with a video player. At the bottom, there are links for 'home' and 'next', with a red arrow pointing from the text 'Website interface' to the 'next' link.

web20forlearning

vhung My Wikis My Account

★ wiki PAGE DISCUSSION HISTORY NOTIFY ME

New Page  
Recent Changes  
Manage Wiki  
Search

Home  
Blog  
iGoogle  
rss  
Social Bookmarking  
Web 2.0  
wiki  
edit navigation

Wiki is a good platform for collaborative writing. Wikipedia is a good example illustrating the advantages of wiki. Students in the same wiki share the same right to post and edit the content. The history of editing are recorded and easily be reviewed to show the progress of revision. Hyperlink can be applied to the context of wiki which give wiki the advantage to collaborative construct webpages.

Wikis in Plain English  
★★★★★

0:00 / 3:52

home  
next

History for tracing the changes contributed by different members

Website interface

# Hands-on practice

- Reply to the wikispaces e-mail invitation, it will grant your permission to join my wiki
- Go to my wiki:  
<http://web2oforlearning.wikispaces.com/>
- Make any revision as you like
- Check from history about the changes you or others have made, the changes can be compared or revert

# Examples: Applications of wiki in teaching and learning

- Wikipedia
- <http://eportfolios.wikispaces.com/>
- <http://hkweb2.wikispaces.com/>
- <http://newlits.wikispaces.com/>
- <http://climatechangedebate.wikispaces.com/>
- <http://educationalwikis.wikispaces.com/Examples%20of%20educational%20wikis>
- <http://coolcatteacher.blogspot.com/2005/12/wiki-wiki-teaching-art-of-using-wiki.html>

# Summary

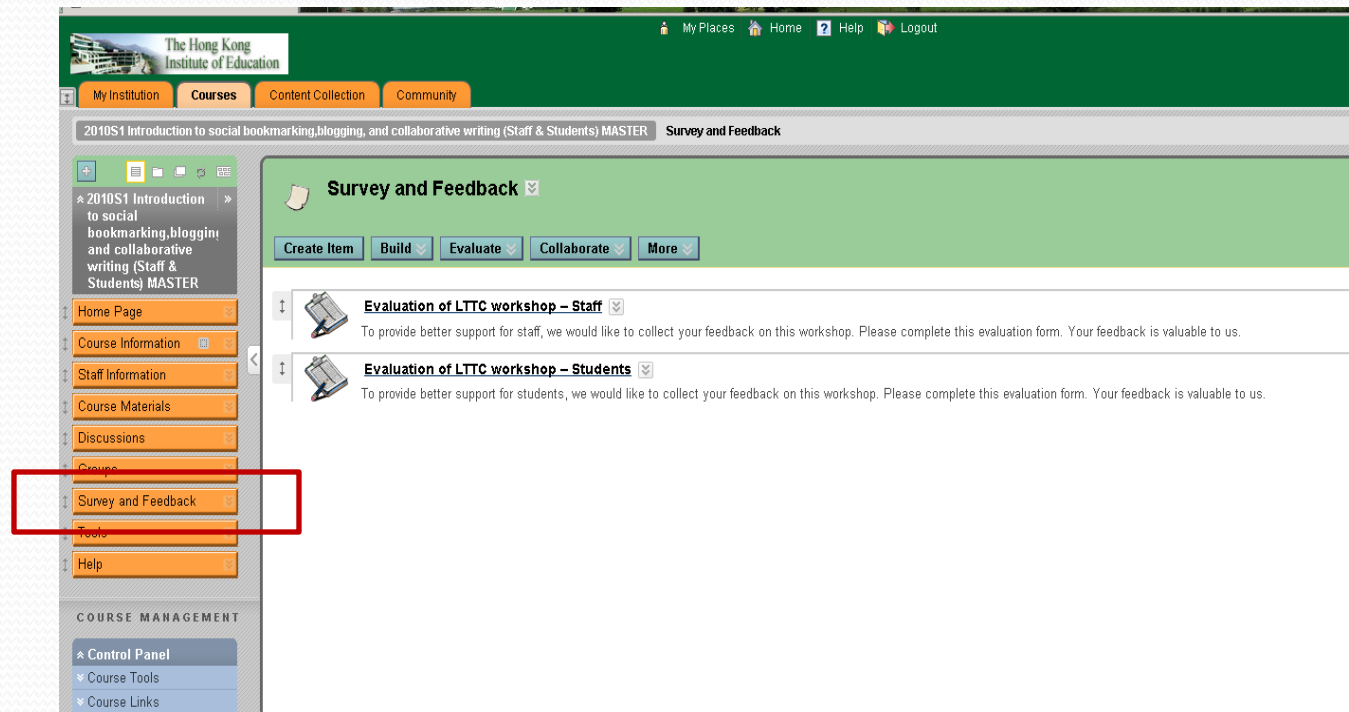
- Basic concepts on web 2.0 are introduced
  - rss
  - tags
  - Concept behind Web 2.0: Knowledge construction, Community learning, Collaborative knowledge construction
- Examples of Web 2.0
  - Blogs
  - Wiki
  - Del.icio.us
- Some examples of collaborative writing with wiki or related references materials are introduced

# Summary

- In general, web2.0 changes us from passive information searching from the web to actively sharing, contribution and collaboration with the web
- Del.icio.us, blogging and wiki demonstrate that learning can be shifted from individual sharing to knowledge construction within a learning community
- Any other web2.0 tools that can be applied to construct learning community?
- How will you use web2.0 for your teaching and learning?

# Q & A, Evaluation

- To help to improve our workshop, we would like to collect your feedback. Please complete this evaluation form under Blackboard module. Click “Survey” and either staff or student folder to fill in the evaluation. Your feedback is valuable to us



The screenshot displays the Blackboard LMS interface for The Hong Kong Institute of Education. The top navigation bar includes links for 'My Places', 'Home', 'Help', and 'Logout'. Below this, a secondary navigation bar shows 'My Institution', 'Courses', 'Content Collection', and 'Community'. The main content area is titled '2010S1 Introduction to social bookmarking, blogging, and collaborative writing (Staff & Students) MASTER' and 'Survey and Feedback'. A left-hand sidebar contains a list of course modules: 'Home Page', 'Course Information', 'Staff Information', 'Course Materials', 'Discussions', 'Groups', 'Survey and Feedback', 'Tools', and 'Help'. The 'Survey and Feedback' module is highlighted with a red rectangular box. The main content area shows the 'Survey and Feedback' section with a green header and buttons for 'Create Item', 'Build', 'Evaluate', 'Collaborate', and 'More'. Below these buttons, there are two evaluation forms: 'Evaluation of LTTC workshop – Staff' and 'Evaluation of LTTC workshop – Students', each with a brief description and a link to the evaluation form.