

Emerging Technologies: OhioLINK's Potential Role, Presentation Notes

Classroom Clickers

No particular role for OhioLINK

See: Classroom Clickers Make the Grade

<http://www.wired.com/news/technology/0,1282,68086,00.html>

Classroom blogs

Perhaps provide space and tools to assist in this.

See: Classroom Blogs: How can classroom communication and collaboration be enhanced with the usage of internet blogs? By Doug Caldwell

<http://www.my-ecoach.com/online/webresourcelist.php?rlid=4992>

Podcasting

Recreate video content into MP3 video so it can be played on a Pod or similar device.

See: UW's downloadable lectures have iPods playing a new tune by Christine Frey.

http://seattlepi.nwsource.com/local/246542_uwpod31.html

Mini browsers for handheld devices (PDA, cell phone)

OhioLINK needs to redesign at least the OhioLINK Web page to fit nicely on a small screen.

See: Free Mini browser lures 700 million mobile phones

<http://www.windowsfordevices.com/news/NS3916189911.html>

GPS software

No particular role for OhioLINK

See: Global Positioning System Overview by Peter H. Dana.

http://www.colorado.edu/geography/gcraft/notes/gps/gps_f.html

Collaborative learning environments

Such as WebCT, Blackboard, etc. OhioLINK should play a big role in providing tools to integrate with CLEs and to provide additional spaces for the storage and retrieval of learning objects.

See: Collaborative learning environments sourcebook.

<http://www.criticalmethods.org/collab/>

Voice recognition software/devices

No direct role except assuring that our resources can be used by such devices.

See: Voice Recognition Systems: Technology at Work in Today's Warehouse/Distribution Facilities.

<http://www.prologisresearch.com/supplychain/Default.asp?>

Collaborative workspaces for research

OhioLINK should play a large role in providing tools for such workspaces as well as storage and access space.

See: Collaborative Workspaces & Tools FAQ

http://web.mit.edu/acis/forms/collaboration_faq.html

Electronic paper

No immediate impact on OhioLINK.

See: Electronic Paper: Electronic Paper Books and Electronic Books by Dr. Joseph M. Jacobson, Barrett Comiskey, Patrick Anderson, and Leila Hasan

<http://www.media.mit.edu/micromedia/elecpaper.html>

Electronic textbooks

OhioLINK could play a role by providing electronic textbooks in a central location for students from multiple places to share.

Other comments:

Do students really want them?

Quality of on-screen reading?

Convert to audio (text to speech conversion)

Open-source textbooks?

See: An eBook in Every Schoolbag?

<http://www.dclab.com/ebooktextbooks.asp>

ePortfolios for faculty and students

OhioLINK could provide the tools and storage necessary to share ePortfolios across institutions.

See: ePortfolios: A Vital Component by Michael Monina

<http://omniupdate.com/articles/eportfolios.jsp>

Instant messaging

Is IM scaleable? Could it work in an Consortial environment?

See: Instant Messengers Grow Up and Go to Work by Laura Blackwell

<http://search.epnet.com/login.aspx?direct=true&db=aph&an=19342104>

Electronic pens

Not an immediate impact on OhioLINK.

See: Mightier Than the Pen Alone by Vincent Kierman, Chronicle of Higher Education, Feb 24, 2006, p. A31

RSS feeds

OhioLINK has a role to allow information to be passed by RSS feed to users who set up updates as well as sign up for blogs.

See: RSS: the latest feed by Judith Wusteman, Library Hi Tech, v22, issue 4, 2004, p404-413.

<http://journals.ohiolink.edu/local-cgi/send-pdf/060223131141258186.pdf>

Gaming

Gaming technology can be used as a guide for recreating exciting more attractive interfaces.

See: Gaming the System: What Higher Education Can Learn from Multiplayer Online Worlds by J.C. Herz

<http://www.educause.edu/ir/library/pdf/ffpiu019.pdf>

Learning objects repository

OhioLINK should play a big role in providing tools to use and storage of learning objects for the state.

Stored, shareable, reusable (maybe a way disseminating textbooks etc.?)

General digital object repository with learning interface layered on top

Used to store digital video/media and user-created images, photos

See: OhioLINK Digital Resource Commons: Building Your Repositories by Peter Murray.

<http://drc-dev.ohiolink.edu/wiki/ExecutiveSummary>

Wikis

A Wiki could be used to encourage student participation in group projects such as creating an online textbook.

Wikis work well for library instruction, a replacement for pathfinders.

OhioLINK should provide space and tools to share research

There could be a Wiki tie-in to library catalog records

Provide help for non-textual search techniques

Finding aid for images that are similar in nature

We should look at Grokker/visual search interfaces

See: Wiki means fast: Online collaborative sites open to everyone enable the sharing of ideas by Aliya Sternstein

<http://www.fcw.com/article88467-04-04-05-Print>