Open Technologies in the Education Enterprise



Southern California Linux Expo 2011











that http://k12opentech.org/







A CoSN LEADERSHIP INITIATIVE



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CoSN K-12 Open Technologies

Welcome to the website for the new CoSN K-12 Open Technologies Leadership Initiative. The initiative is sponsored by IBM, Cisco, Pearson Education, and SAS to support the adoption and utilization of open technologies in K-12 education around the world.

Open source software, open standards and open hardware are poised to make a profound impact on K-12 education. The convergence of web technologies and a new spirit of collaboration in the education community makes this an exciting time to get involved.

The goal of this Web site is to help educators and technologists with the planning, evaluation, decision-making, and implementation processes associated with adopting Open Technologies in K-12. Initially, the site will focus on the fundamentals of the open technologies movement in education. Over time - with your help, we hope - the site's content will grow in quantity, sophistication and direct relevance to you.

What are open technologies?

Open technologies is an umbrella term that includes open source software, open standards, and open hardware.

Read more

How can open technologies benefit K-12 schools?

The use of open technologies in education is now commonplace throughout the world with one notable

The K-12 Open Tech Blog

- Freeconomics in Education
- Open Source at CUE/FETC Innovative Learning Conference '08
- Open Source at NECC
- · Dean Millot's (Open Source) RFP of the Week

more

Open Tech News & Blog Feed

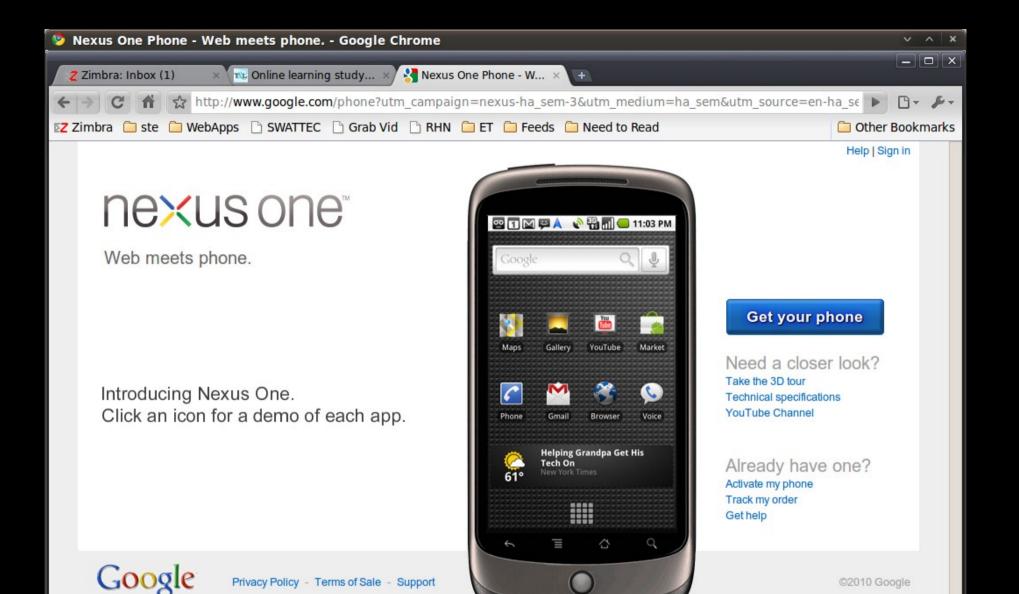
Home | Ubuntu Studio

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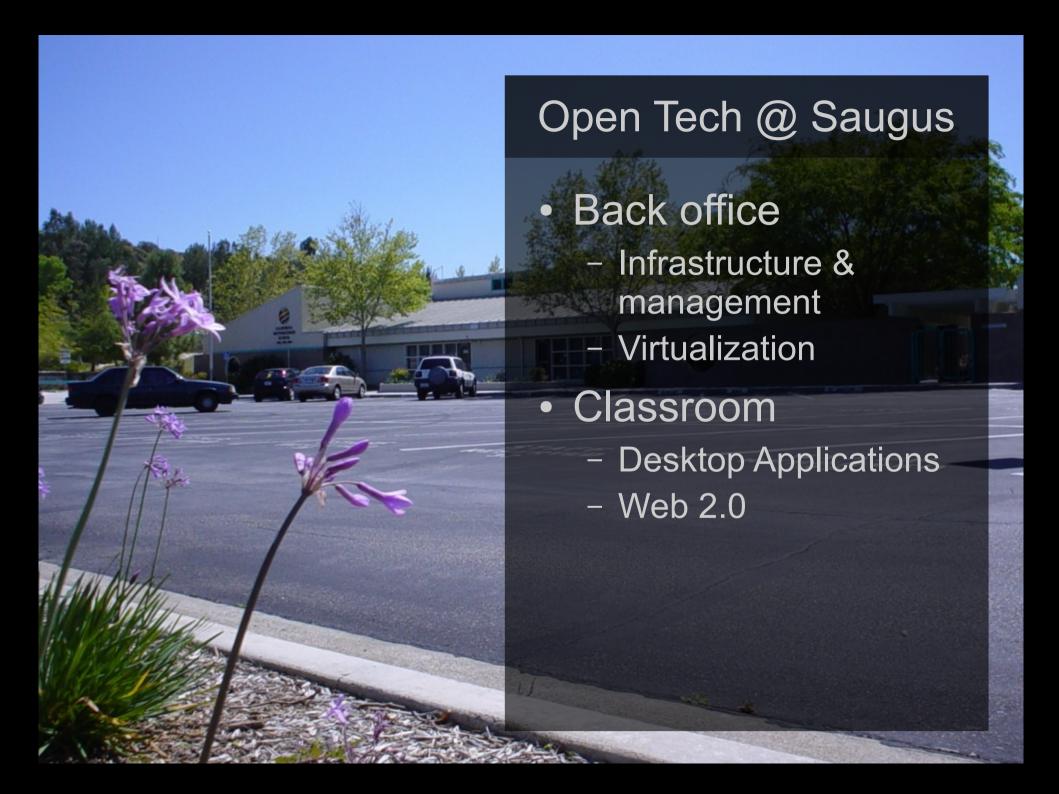


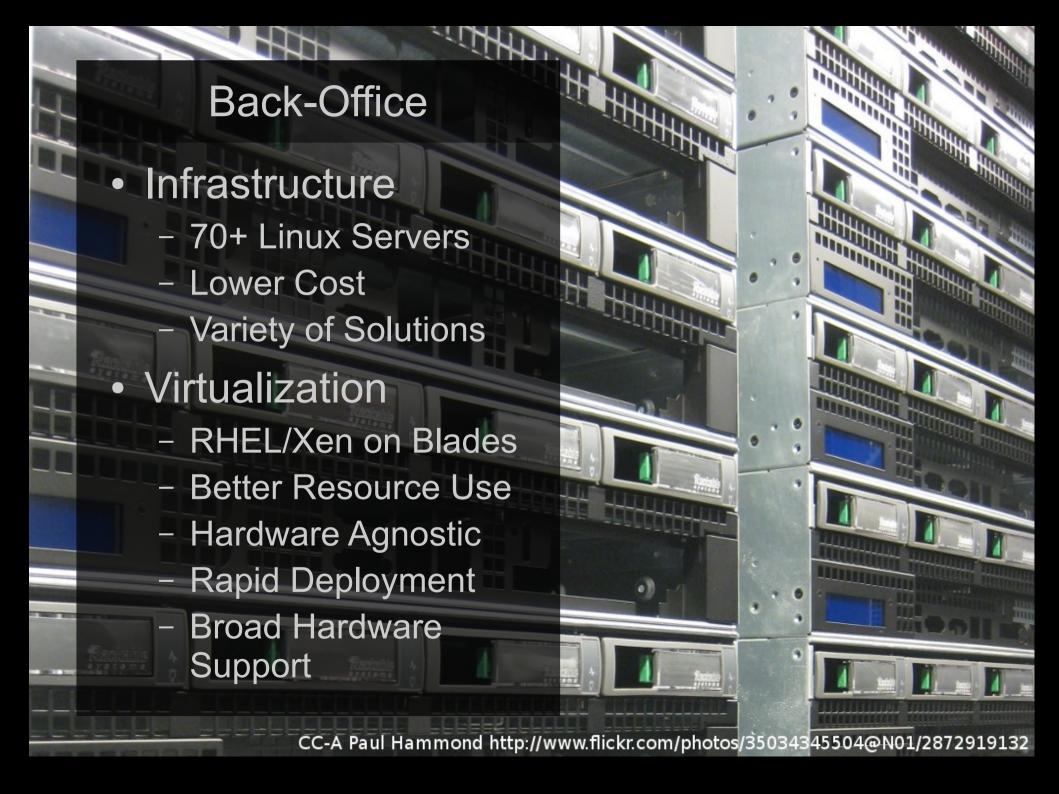
Free(dom)

Community













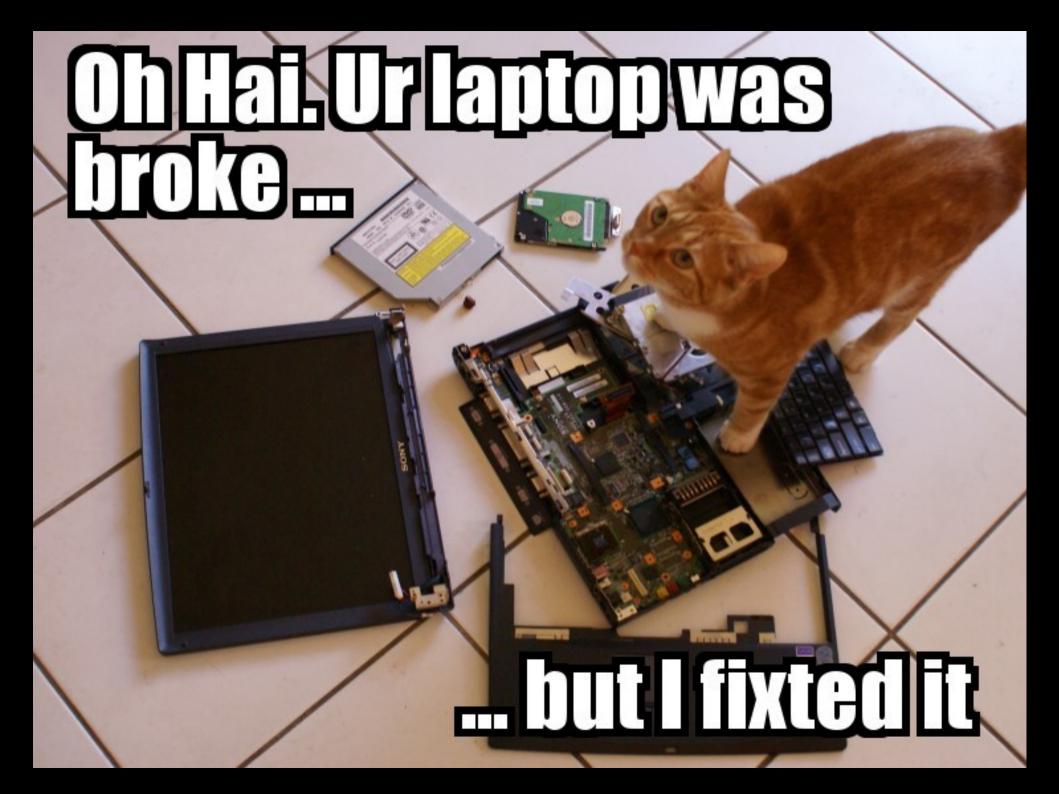
trans-form form

| trans'fôrm |

verb

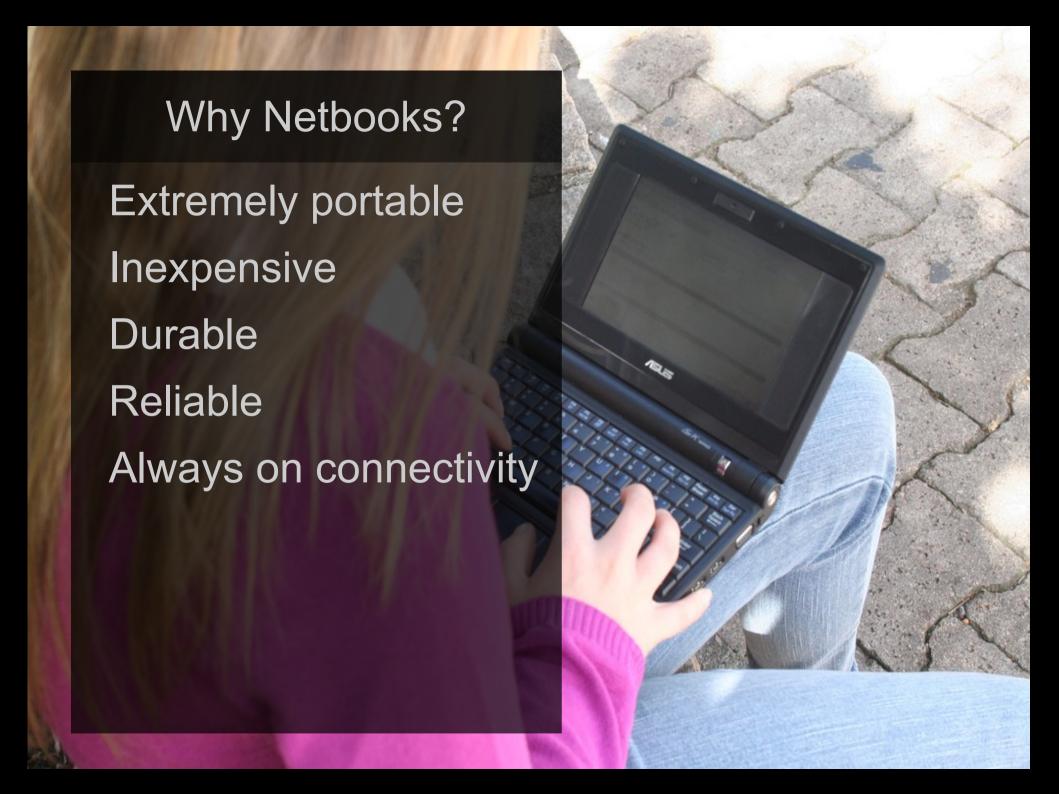
make a thorough or dramatic change in the form, appearance, or character of















Firefox 3 with the Flash10 plugin

Mozilla Thunderbird (Email, Calendaring)

Skype

Adobe Reader

Instant Messaging for all services, including GTalk, AOL, MSN, Jabber, etc. (Pidgin)

OpenOffice (Sun's supported commercial version of OpenOffice)

Google Earth

Labyrinth (Mind Mapping)

Tuxpaint (like KidPix, only better)

TuxTyping (typing tutor/game)

Stellarium (astronomy software)

Celestia (astronomy software)

TuxMath (math drilling game)

Mebook (eBook Reader)

F-Spot (Photo manager)

GIMP (like Photoshop)

Dia (Diagramming)

Audacity audio recording/editing suite

MIT Scratch (Logo-style programming on steroids)

iTalc (classroom management/remote monitoring/control)

VNC for remote technical support

A number of other software programs, including:

- Longman Dictionary
- Interactive periodic table
- Letter Game (scrambled words)
- Hangman game
- Fraction tutorial
- Geometry tool
- Function Plotter
- Media Player
- Music Manager
- Photo Manager



Internet Explorer

Outlook Express

Adobe Reader

MSN Instant Messanger (Microsoft only)

Windows Live Garbage

A number of other software programs, including:

- Paint
- DVD Player (if you hook up an external DVD drive)
- Media Player
- File Manager
- Webcam
- Calculator
- Text editor

Games:

- Solitaire
- Minesweeper



- Video Manager
- File Manager
- Webcam
- Calculator
- Screen Capture

Games:

- GBrainy
- Frozen Bubble
- Multiplication Puzzle
- GWeled
- Sudoku,
- Potato Guy
- LinCity
- LMarbles
- SuperTux

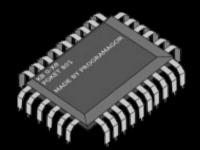


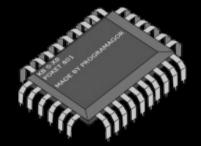
Rapid Recovery

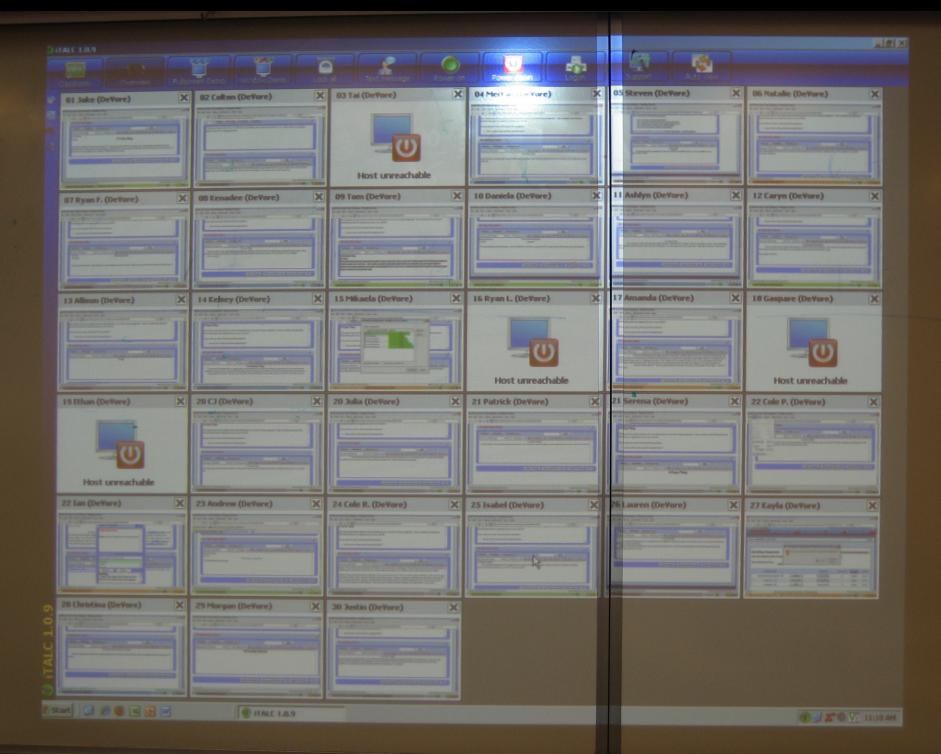
System and Programs

System and Programs

User Home Folder







the good news is, they're hyper-connected. the bad news is, that's all they are

Oh Crap. My Parents Joined Facebook.

CONGRATULATIONS! YOUR PARENTS JUST JOINED FACEBOOK, YOUR LIFE IS OFFICIALLY OVER.

So, you finally caved. You've accepted a friend request from your Mom, Dad, crazy Aunt Ida, and your college roommate's newly divorced mother. Well here's your chance to get back at them for taking away your public privacy.

Email us at: myparentsjoinedfacebook@gmail.com because we want to laugh at your Mom's ridiculous Facebook status and the embarrassing message your Dad wrote on your wall too! If you want your relative to remain anonymous include that in the email. Family. Can't Facebook with 'em, can't unFriend 'em!

This site is edited by Jeanne & Erika who love their parents dearly.

rss | mobile

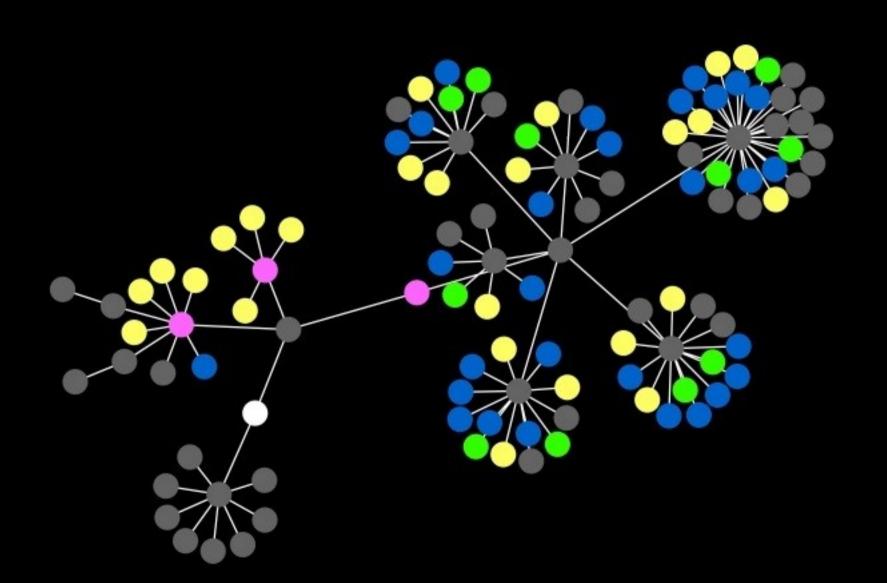
Wednesday | March 11, 2009 | 2:03 pm



Demo was here...:)



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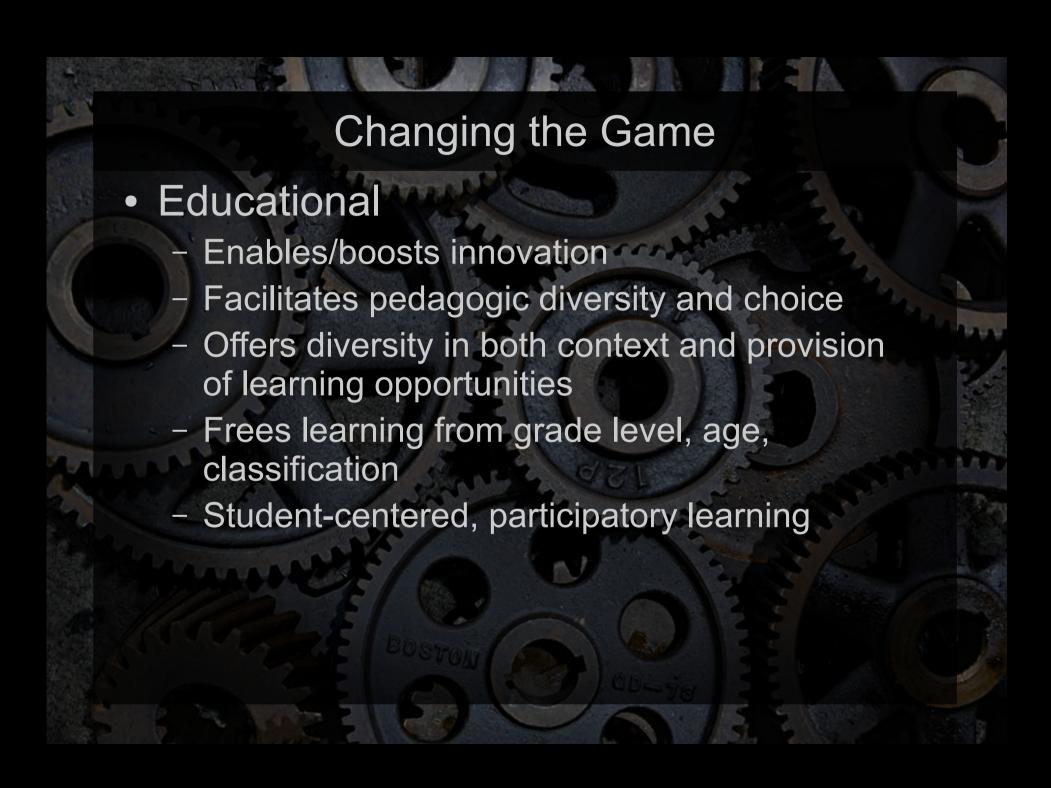
Changing the Game

Social

- Changes relationships between producers and consumers
- Changes the way we view software
- Culture of open collaboration
- Unintended consequences

Technical

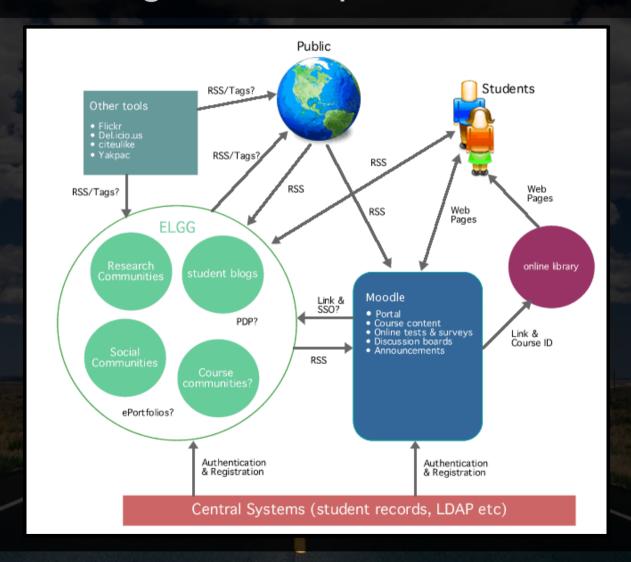
- Enables new technology use
- Improved functionality through flexibility
- Greater reliability creates more time for learning opportunities



Learning Landscape of the Future

- Students and teachers using technology to create and share content in a collaborative way
- Refocus the emphasis of technology on teaching and learning
- Classroom-driven integration of content and learning resources
- New ways of learning
 - Literacy of information navigation
 - Experiential, project-based learning
 - Construction/creation through a diverse range of available resources and tools

Learning Landscape of the Future





I never teach my pupils; I only attempt to provide conditions in which they can learn.

Albert Einstein



Credits

- Open sign: CC BY:NC:ND http://www.flickr.com/photos/martyn/186363962
- Small world: CC BY:NC http://www.flickr.com/photos/santheo/1874841 CC BY http://www.flickr.com/photos/wwworks/2222523978
- OLPC: CC BY http://www.flickr.com/photos/olpc/2606362847
- Penguins in car: CC BY:NC:ND http://flickr.com/photos/mikz/348849931
- World hug: CC BY:NC http://www.flickr.com/photos/cayusa/2452896467
- Hyper Connected: C Hugh Mcleod http://www.gapingvoid.com/Moveable_Type/archives/004549.html
- Industrial school: CC BY http://www.flickr.com/photos/duchamp/117943548
- Chalkboard: CC BY:NC:ND http://www.flickr.com/photos/sidereal/294267127
- Network: CC BY http://www.flickr.com/photos/schoschie/217848140
- World share: CC BY:NC http://www.flickr.com/photos/cayusa/2051756510