

Eureka! Discovering Rich Sources of Open Educational Content: *a primer for instructional support staff*

Goals

- Draw attention to (**herald**) the proliferation of sources of high-quality, reusable, open access content.
- Suggest ways open content can be used to overcome the some challenges of copyright for providing instructional support services to faculty, staff, and students.

By Rick Reo
(rreo@gmu.edu)

Everything Copyright and Public Domain, by Rosemary Chase
(rchase@gmu.edu)

George Mason University,
Fairfax, VA



Creative Commons 3.0 License



❖ I grant you the right to:

- ◆ Copy
- ◆ Distribute
- ◆ Modify

❖ As long as you:

- ◆ BY - Attribute it to me
- ◆ NC - Don't use it commercially
- ◆ SA - Give all derivative works these same rights



Notice of Use Restrictions

- ❖ Certain materials are included under the **fair use** exemption of the U.S. Copyright Law
- ❖ Materials are included in accordance with the **multimedia fair use guidelines**, and
- ❖ Materials are restricted from further use.

Outline

- ✓ Copyright/Public Domain
- ✓ Copyleft
 - Creative Commons
 - License your work
 - Find CC-licensed work
- ✓ Open Educational Resources (OERs)
 - Academic Projects
 - Non-Profits Projects
 - Open Content Tools
- ✓ Commercial

Learning
Objects belong
to an industrial
era model



Image Source: Lewis Hine, 1920, [Wikimedia Commons](#)

**Web-based
digital media
has become
highly fluid.
(OLCOS, 2007)**

Open Learning Content
Observatory Services

Image Source: Dali, Rafael Nogueira's
photostream, [Flickr](#), Retrieved 2007



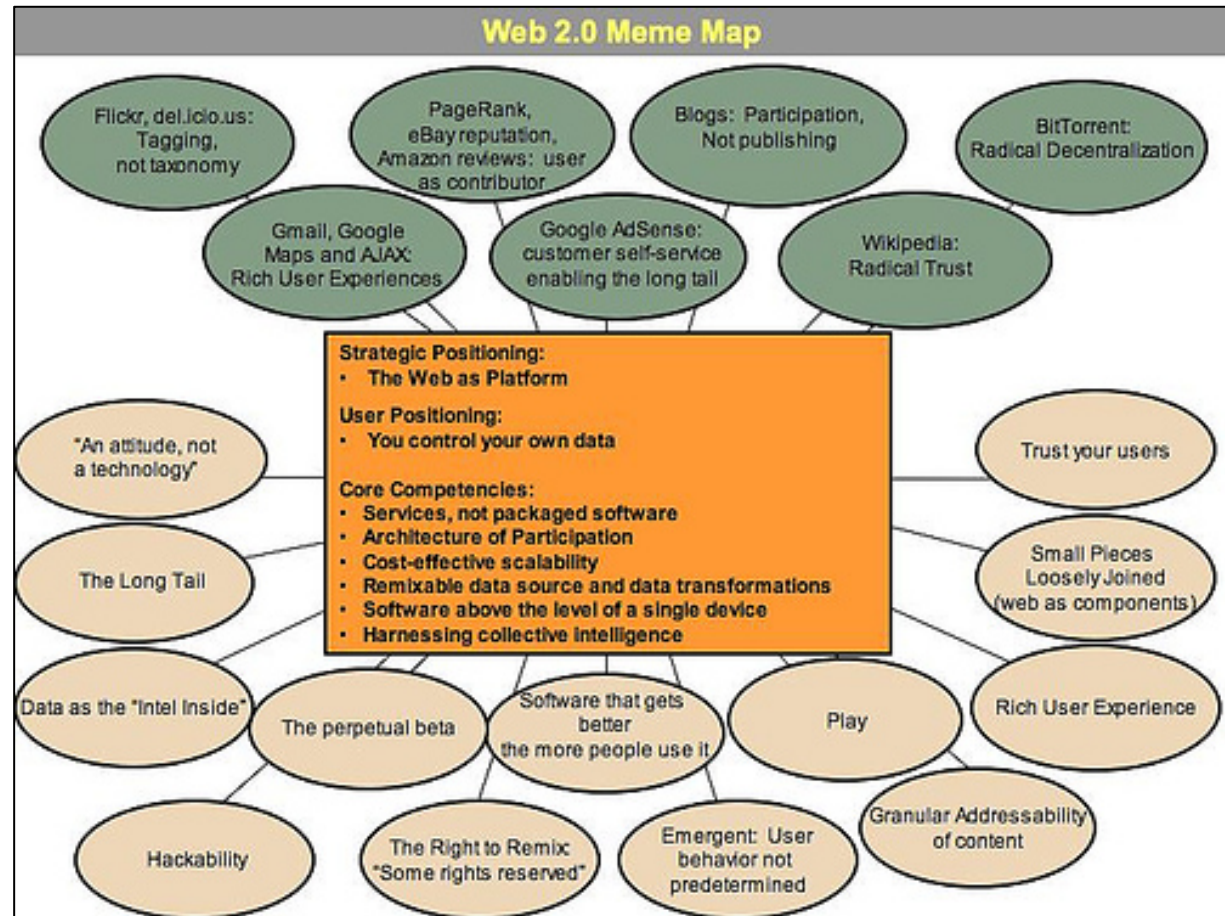
“Web 2.0 is about collaboration and remix, and syndication of data in such a way that anyone, anywhere can use the results.” Blog Post: <http://heyjude.wordpress.com/2006/10/13/99/>

Web 2.0 Context

“Commons-based peer production”

“digital technology provides new opportunities for rich reuses of content in many educational contexts...”

Source: Berkman Center White Paper, August 2006

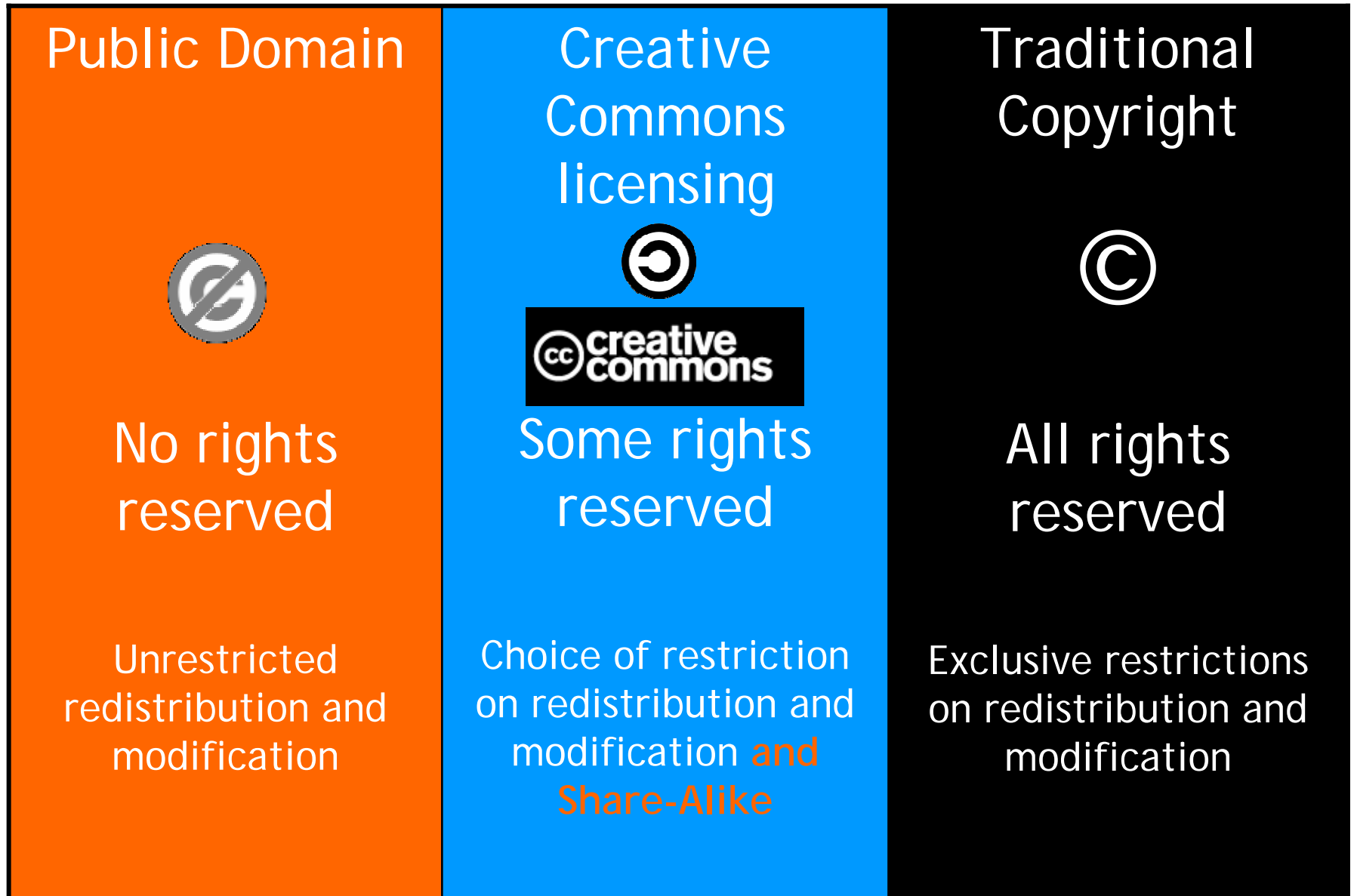


Source: Tim O'Reilly, Sept. 2005

Why is this important to us?

- ❖ Copyright laws have not kept up with the pace of change and proliferation of digital media materials
 - ◆ Need more adaptive, less restrictive protections
- ❖ Copyright presents barriers for educational adoption and use of social software tools and services
- ❖ Example: Instructional Resources Repository
 - ◆ Two Models: Develop in-house or bring in from off campus sources?

Copyleft



Public Domain?

First, what is copyright
protection?

What is Copyright?

- ❖ Copyright law grants exclusive rights to the owners of original works
 - ◆ Such as:
 - Literary, musical, artistic, choreographic, etc

A Set of Exclusive Rights

To be copyright... able

Work must be:

- ◆ Original expression
- ◆ Fixed in a tangible form

Begins:

- ◆ At the moment original work is fixed
- ◆ Example: Graphic created in Photoshop is protected as soon as saved to disk

**NOT-
COPYRIGHT...
ABLE**

- ❖ Non-Protected Works Cannot be ©
 - ◆ Facts
 - ◆ Titles
 - ◆ Names
 - ◆ Short phrases
 - ◆ Ideas

PUBLIC DOMAIN

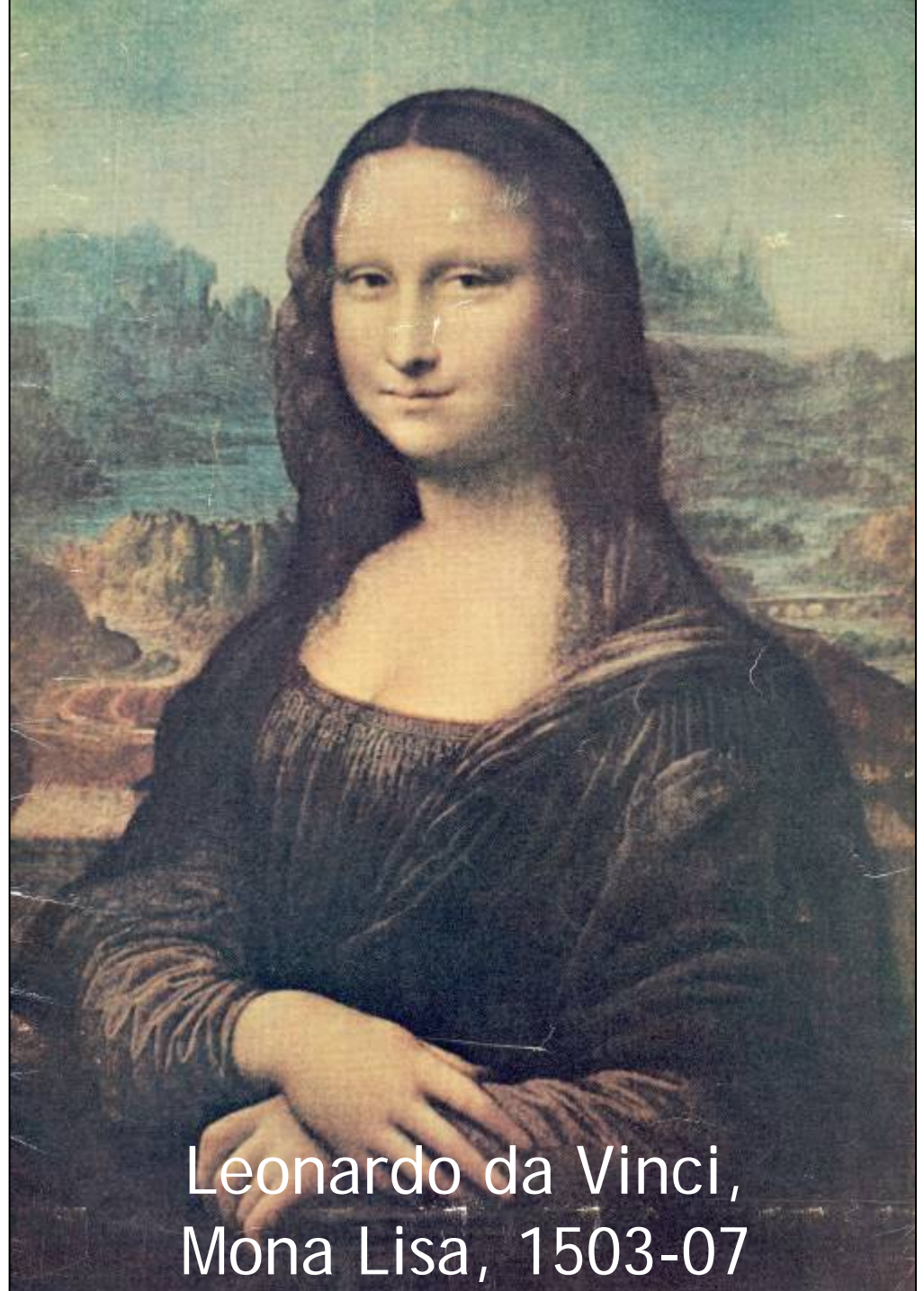


- ❖ Includes the following:
 - ◆ Non-protected works (from the previous slide)
 - ◆ Anything *published* in 1922 or before
 - ◆ Federal Government Works

PUBLIC DOMAIN?

Who took the photo? -
that's the question

Photo: 1962, Louvre,
for an exhibition
catalogue for the
National Gallery of
Art in Washington,
D.C.



Leonardo da Vinci,
Mona Lisa, 1503-07

§ 106: Protected Rights of Copyright Owner:

- ✓ **Reproduction:**
 - to make copies of the work
- ✓ **Distribution:**
 - to sell or otherwise distribute copies of the work
- ✓ **Modification:**
 - to modify the work or prepare new works based on the protected work
- ✓ **Public performance & display:**
 - to perform or display the protected work (such as a stage play or painting) in public

Registration & Notice



Copyright *may* be registered



Notice *may* be placed on work -

◆ ©

◆ ®

◆ TM

**Neither is required for a work
to be protected!**

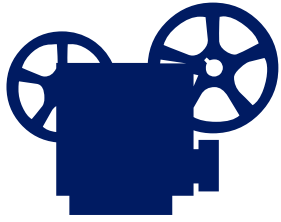
Public Domain example

The University Channel: Princeton University

<http://uc.princeton.edu/main/>

a collection of public lectures from universities around the world, dealing with International Affairs and Environmental Studies.

- ❖ CC license: BY-NC-ND 2.5 and some public domain
- ❖ Content is submitted by member institutions:
 - ◆ available as podcasts
 - ◆ some as webstreams
 - ◆ some via TV



Public Domain

Film & Video Resources

- www.loc.gov/rr/mopic/pubdomain.html
- www.archive.org/details/movies
- www.archive.org/details/prelinger
- www.desertIslandFilms.com

Public Domain Tunes



<http://www.pdinfo.com/list/htm>

- ◆ Bicycle Built for Two (Daisy...) 1892
- ◆ Twinkle, Twinkle Little Star 1765
- ◆ Sweet Adeline 1903

“Free” Image Resources

- <http://FreeFoto.com>
- - a large collection of free photos for private non-commercial use
- <http://FreeStockPhotos.com>
- - Free photography for personal or commercial use - NO linking, just take them
- <http://www.procartoonz.net>
- <http://www.rubberball.com>
- <http://www.istockphoto.com/index.php>
- <http://www.killersites.com/photoStock/indexPhotoStock.htm>

©opyleft?

Copyright is a two-edged sword:

- ♦ it can be used to **restrict and control digital information**
- ♦ it can be used to **permit liberal use of digital information**
 - Source: Charles Bailey:
<http://www.digital-scholarship.com/cwb/ital25n3.pdf>

Copyleft Defined:

- ♦ "a copyright notice that permits unrestricted redistribution and modification, provided that all copies and derivatives retain the same permissions."
 - Source: <http://www.infoday.com/searcher/nov02/ebbinghouse2.htm>

Licenses collectively known as "copyleft":

- ♦ The [Creative Commons Attribution-ShareAlike Licenses](#)
- ♦ The [GNU Free Document License](#)

See also: http://wikieducator.org/Exemplary_Collection_of_open_content_licensing_approaches

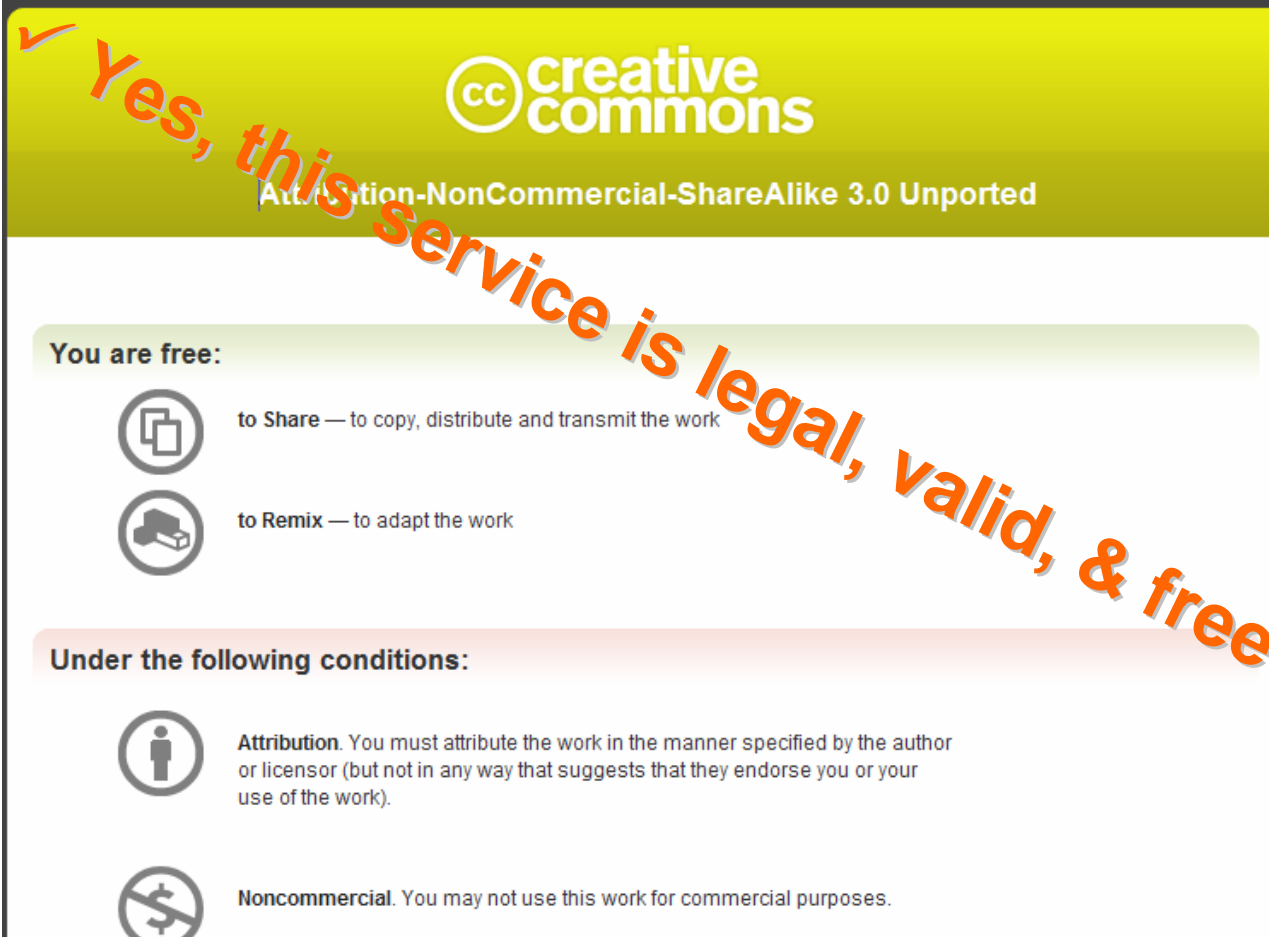
Thomas Jefferson, 1813:

“He who receives an idea from me, receives instruction himself without lessening mine;

Creative Commons (CC) Licensing

License Your Work



Provides voluntary
"some rights
reserved"
copyright licenses for
authors and artists





✓ *Yes, this service is legal, valid, & free*

 creative commons
Attribution-NonCommercial-ShareAlike 3.0 Unported

You are free:

-  to Share — to copy, distribute and transmit the work
-  to Remix — to adapt the work

Under the following conditions:

-  **Attribution.** You must attribute the work in the manner specified by the author or licensor (but not in any way that suggests that they endorse you or your use of the work).
-  **Noncommercial.** You may not use this work for commercial purposes.

Deed: BY-NC-SA 3.0



Creative Commons 3.0 License



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- ◆ Modify

❖ As long as you:

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- ◆ NC - Don't use it commercially
- ◆ SA - Give all derivative works these same rights

Example CC Licensed Work

Online Book Tales from the Public Domain: BOUND BY LAW

Deed:
BY-NC-SA 2.5



Free digital versions - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://www.law.duke.edu/cspd/comics/digital.html

Center for the Study of the Public Domain

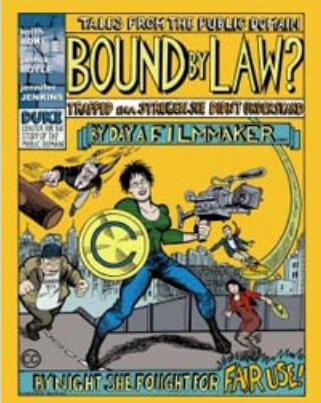
DUKE LAW

Duke Law >> Centers & Programs >> Center for the Study of the Public Domain >> The ARTS PROJECT >> CSPD Comics >> Free digital versions

Arts Project

- Comics
 - Free digital versions
 - What people are saying
 - Buy the book
 - Authors
- Framed!!
 - Description
 - Participants
 - Resources
- Contest
 - Winners
 - Finalists
 - Judges
 - Survey

Free digital versions



- [Plain old html](#) - Read the book!
- [Flash animation](#) with page flipping and a magnifier tool. Requires flash player ([download flash player](#)) and high-speed connection, loading make take a few minutes
- PDF- the entire comic in one downloadable file ([8MB](#)) ([16MB](#))
- Download a high res image of the cover for your website or printed work (color optimized for printing) ([jpg, 1mb](#)) ([jpg, 3mb](#))

This book is available under a [Creative Commons Attribution-NonCommercial-ShareAlike license](#).

← PREVIOUS ZOOM NEXT →

Duke University Accessibility Statement | Contact Duke Law | Duke Law Home

<http://www.law.duke.edu/cspd/comics/digital.html>

Tools for CC Licensing Your Work

ccPublisher Tool

- ❖ Eliminates the need to copy/paste HTML and CC-buttons
- ❖ Automates tagging & publishing media
- ❖ Cross-platform desktop install
 - ◆ Expected other software and Web applications will include it
- ❖ CC add-in for MS Office
 - ◆ embed CC licenses directly into Word, PowerPoint, and Excel documents

<http://wiki.creativecommons.org/CcPublisher>

CC Search Tools

Search the Public Web (2.0)

Search #1

Find CC
licensed
materials



See also

- ◆ [Google Advanced Search](#)
(See Usage Rights filter)
- ◆ [Firefox and CC Search](#)

Search #2

Open Educational Resources (OERs)

What are OERs?

Learning Content

- ❖ **Open Access Content**
content (including metadata) that is provided free of charge for educational institutions, and end-users such as teachers, students and lifelong learners;

Implementation Resources

- ❖ **CC-licensing & Remix**
content that is liberally licensed for re-use in educational activities, favourable free from restrictions to modify, combine and repurpose the content;

Software Tools

- ❖ **Open Source Software**
educational systems/tools software for which the source code is available (i.e. Open Source software)

I Can't Believe It's Butter



- ❖ Open Access Resources

- ❖ Open Content

- ◆ Open

- ◆ Free like free beer and Free like freedom of speech

- ◆ Voluntary

- ◆ Accessible

- ◆ Flexible

Advantages of Using OERs

- ❖ Increased collegiality and online cooperation among educators who share in the development of learning resources
- ❖ Increased quality as learning materials move out of the private classroom into the public domain.
- ❖ Free and easy to use and reuse
 - ◆ May be more transportable than Learning Objects
 - ◆ Avoids standards compliance
 - ─ Sharable Learning Objects, SCORM, XML etc.

Proof of Concept for Open Content

- ❖ Project MUSE - 1993 began as a pioneering joint project of the Johns Hopkins University Press and the Milton S. Eisenhower Library at JHU.
- ❖ JSTOR (Journal Storage) - 1995 is an online system for archiving academic journals.
- ❖ Internet Archive - 1996 founded to build an Internet library, with the purpose of offering permanent access for researchers, historians, and scholars to historical collections that exist in digital format.
- ❖ MERLOT - 1997 user-centered, collection of peer reviewed, higher education, online learning materials created by registered members, and a set of faculty development support services.



Multiple OER Models

❖ Structure / organization

- ◆ Top-down
- ◆ Grassroots
- ◆ Peer-to-Peer

❖ Intellectual property rights

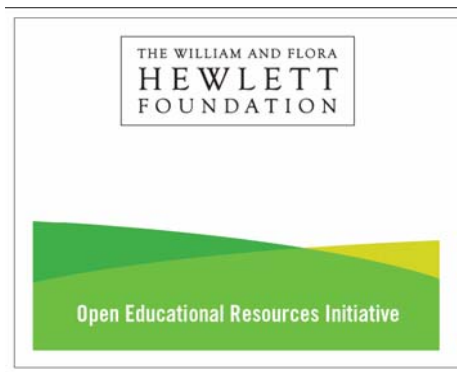
- ◆ CC required
- ◆ CC optional
- ◆ Hybrid

❖ Content granularity

- ◆ Full courses, modules, syllabi, assignments, quizzes, media etc.

Open Educational Resources – Gateway & Portal Sites

OERs The Mother Lode



- Hewlett Foundation projects ([PDF](#))
- Multiple Gateway & Portal sites
 - <http://topics.developmentgateway.org/openeducation#>
 - <http://ocwconsortium.org/use/index.html>
 - <http://opencontent.org/ocwfinder/>
 - <http://www.colfinder.org/ocw/index.jsp>
 - <http://sage.eou.edu/SPT/>
 - http://wikieducator.org/Exemplary_Collection_of_Open_eLearning_Content_Repositories
- CC Content Curators
 - http://wiki.creativecommons.org/Content_Curators



OPEN COURSEWARE
CONSORTIUM



LIONSHARE v1.1

Open Educational Resources – Commons Portal Site

OER Commons

<http://www.oercommons.org/>

Called, "A WorldWide Learning Network", this site contains over 8000 resources

The screenshot shows the OER Commons website homepage. At the top, there is a navigation bar with links for Home, OER, OER Matters, My OER Portfolio, About, Help, and Feedback. Below this is a search bar with a search button and a link to Advanced Search. The main content area is divided into several sections: a welcome message, a list of subject areas and grade levels, a search bar, and a featured section. The welcome message states: "Welcome to a worldwide learning network. OER Commons is a teaching and learning network of shared materials, from K-12 through college, from algebra to zoology, open to everyone. Find college courses or K-12 lesson plans. Search lectures, labs, or syllabi that are open to adapt for your own use. Browse the Categories or Collections for what interests you. Many of the resources we point to are published using a Creative Commons license. Create a free login to tag, rate, review, comment, and save favorites to your own portfolio. Post to discussion, blog, and wiki areas about teaching and learning issues and see how others are using OER. Join now!" The featured section includes a "Course-related Materials" link and a "Featured" tab with sub-tabs for Most Popular, Highest Rated, and New. On the right side, there is a "Top 25 Tags" section listing various keywords like Biology, algebra, art, biology, education, engineering, environment, evolution, gender, german, globalization, internet, latin america, media, memory, methods, music, psychology, research, science, teacher, skills, terrorism, and urban. At the bottom right, there is a "Sign Up to Receive e-News!" section with an email address input field and a "SIGN UP NOW" button. The footer includes "Powered by VerticalResponse" and a "Learn More About" link.

Produced by ISKME

Home OER OER Matters My OER Portfolio About Help Feedback

Teaching & Learning Materials Explore, Share, Discuss, & Add Resources Manage your Profile & Contributions

SEARCH Advanced Search >

Log in Join

Choose OER By

Subject Areas
[Arts](#)
[Business](#)
[Humanities](#)
[Mathematics and Statistics](#)
[Science and Technology](#)
[Social Sciences](#)

Grade Levels
[Primary](#)
[Secondary](#)
[Post-secondary](#)

[Browse All OER >](#)

Search OER

[Create an Advanced Search](#)
[Get Help with Searching](#)

OER Matters

Learn more about the worldwide movement to make teaching and learning materials free and accessible for use and re-use by everyone.

Welcome to a worldwide learning network

OER Commons is a teaching and learning network of shared materials, from K-12 through college, from algebra to zoology, open to everyone.

Find college courses or K-12 lesson plans. Search lectures, labs, or syllabi that are open to adapt for your own use. Browse the [Categories](#) or [Collections](#) for what interests you. Many of the resources we point to are published using a [Creative Commons](#) license.

Create a free login to tag, rate, review, comment, and save favorites to your own portfolio. Post to discussion, blog, and wiki areas about teaching and learning issues and see how others are using OER. [Join now!](#)

Open Educational Resources, or OER, offer new ways to engage with free-to-use learning content.

OER Top Ten

Check out these OER Course-Related highlights.

[Course-related Materials](#)

Featured Most Popular Highest Rated New

Top 25 Tags

Tags are keywords that users add

Biology algebra **art** biology chemistry **civil society** education engineering environment evolution gender german **globalization** internet latin america media memory methods music **psychology** research science teacher skills terrorism **urban**

[View all tags >](#)

Sign Up to Receive e-News!

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[Learn More About](#)

Open Educational Resources – Connexions

Connexions,
Rice University

*grassroots
development
model for OERs*

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use and reuse under
the CC attribution license



CONNEXIONS

Home Content About Us Help

You are here: Home

Connexions is:
a place to view and share educational material made of small knowledge chunks called modules that can be organized as courses, books, reports, etc. Anyone may view or contribute:

- **authors** create and collaborate
- **instructors** rapidly build and share custom collections

[More about us ...](#)

FEATURED CONTENT

Corporate Governance

"This course takes an interdisciplinary approach to ethics in business and provides modules in Ethical Leadership, Ethical Decision-Making, Social Responsibility, and Corporate Governance. This course will culminate in an Ethics Bowl competition in which students will practice ethics advocacy in a variety of organizational contexts in business."

or browse by ...

Subject

- [Arts](#)
- [Business](#)
- [Mathematics and Statistics](#)
- [Science and Technology](#)
- [Social Sciences](#)

Popularity

Title, author, etc.

CREATE CONTENT

Creating content in Connexions is as easy as **1, 2, 3:**

- 1 Get an account and log in to your
- 2 Make a module from scratch or convert
- 3 Publish your works, sharing them with the

AUTHOR

Username
Password

- [Get an a](#)
- [Forgot y](#)

SPOTLIG

Featured

Connexions professor in Computer E Department "Online is w (students) s said Bill. "I d educational

Open Educational Resources – OpenCourseWare Portal

Clearinghouse for Courseware

*site contains high quality
course materials available
for use and adaptation
under an open license...*



- MIT's [OpenCourseWare Initiative](#)
- [Tufts Univ.](#)
- [Utah State](#)
- More recently -- Open University

OPEN COURSEWARE CONSORTIUM

Universities working together to advance education and empower people worldwide through [opencourseware](#). [Learn more...](#)

OCWC CONFERENCE SPAIN
MAY 2-3, 2007 >>

HOME ABOUT US CONSORTIUM MEMBERS NEWS FEEDBACK HELP

USE
Find Course Materials

SHARE
Share Your University's Courses

SUPPORT
Support the OCW Movement

OPEN SHARING, GLOBAL BENEFITS

See also: Open CourseWare Finder
<http://opencontent.org/ocwfinder/>

Other Academic Projects and Initiatives

Other Educational Projects

- ❖ Distance Education <http://www.stlcc.edu/distance/text/resources/ownership.html>
- ❖ Educause / Educause Policy <http://www.educause.edu/Copyright/1439>
- ❖ The Global Textbook Project <http://globaltext.org/>
- ❖ Science Commons <http://sciencecommons.org/>
- ❖ Academic Commons <http://www.academiccommons.org/>

Audio Lectures / Podcasts

- ❖ IT Conversations <http://www.itconversations.com/index.html>
- ❖ University Channel <http://uc.princeton.edu/main/>
- ❖ Ourmedia.org - free, but all content must be publicly available and public domain?

Social Organizations / Non-Profits

Other open-content wiki projects of the Wikimedia Foundation you may wish to visit:

								
Wikiversity	Wikipedia	Wiktionary	Wikiquote	Wikisource	Wikimedia	Commons	Wikispecies	Wikinews
Free learning tools	The free encyclopedia	Dictionary and thesaurus	Collection of quotations	The free documentations library	Coordination of all wikimedia projects	Shared media repository	Directory of species	Free content news

Wikimedia Foundation

“a community for the creation and use of free learning materials and activities”

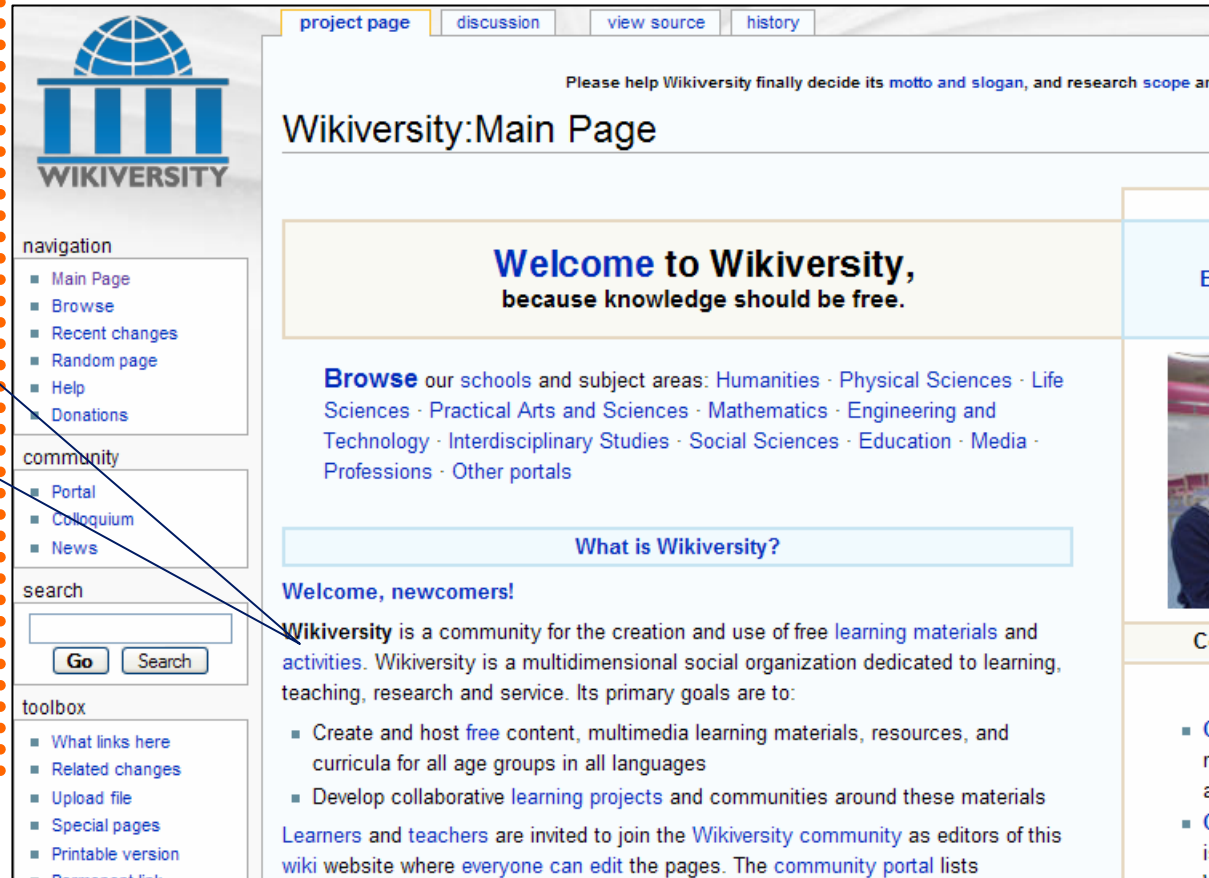
- ❖ Wikibooks
- ❖ Wikieducator



Social Organizations / Non-Profits

Wikiversity

“a community for the creation and use of free learning materials and activities”



The screenshot shows the Wikiversity Main Page. At the top, there is a navigation bar with tabs for 'project page', 'discussion', 'view source', and 'history'. Below this is a banner with the Wikiversity logo (a globe on a pedestal) and the text 'WIKIVERSITY'. A message asks for help in deciding the motto and slogan. The main heading is 'Wikiversity:Main Page'. A large yellow box contains the text 'Welcome to Wikiversity, because knowledge should be free.' Below this, there is a section for 'Browse' with a list of subject areas: Humanities, Physical Sciences, Life Sciences, Practical Arts and Sciences, Mathematics, Engineering and Technology, Interdisciplinary Studies, Social Sciences, Education, Media, Professions, and Other portals. A blue box contains the text 'What is Wikiversity?'. Below that, a section titled 'Welcome, newcomers!' explains that Wikiversity is a community for the creation and use of free learning materials and activities. It lists primary goals: creating and hosting free content, and developing collaborative learning projects. It also invites learners and teachers to join the community as editors.

project page discussion view source history

Please help Wikiversity finally decide its motto and slogan, and research scope and

Wikiversity:Main Page

Welcome to Wikiversity,
because knowledge should be free.

Browse our schools and subject areas: Humanities · Physical Sciences · Life Sciences · Practical Arts and Sciences · Mathematics · Engineering and Technology · Interdisciplinary Studies · Social Sciences · Education · Media · Professions · Other portals

What is Wikiversity?

Welcome, newcomers!

Wikiversity is a community for the creation and use of free **learning materials** and **activities**. Wikiversity is a multidimensional social organization dedicated to learning, teaching, research and service. Its primary goals are to:

- Create and host **free** content, multimedia learning materials, resources, and curricula for all age groups in all languages
- Develop collaborative **learning projects** and communities around these materials

Learners and teachers are invited to join the **Wikiversity community** as editors of this wiki website where **everyone can edit** the pages. The **community portal** lists

navigation

- Main Page
- Browse
- Recent changes
- Random page
- Help
- Donations

community

- Portal
- Colloquium
- News

search

Go Search

toolbox

- What links here
- Related changes
- Upload file
- Special pages
- Printable version
- Permanent link

Social Organizations/Non-Profits (cont.)



gallery discussion view source history



- Nature
- Images
- Society
- Sound
- Science
- Video

Alemannisch | Aragonés | العربية
Català | Bahasa Indonesia

Everyone is allowed to copy, use and modify any files here freely as long the source and the authors are credited and as long you release your copies/improvements under the same freedom to others.



Social Organizations / Non-Profits

Open Access Journals

PLoS JOURNALS
PLoS Biology
PLoS Medicine
PLoS Computational Biology
PLoS Genetics
PLoS Pathogens
PLoS Clinical Trials
PLoS ONE
PLoS Neglected Tropical Diseases



- ❖ PLoS is a nonprofit organization of scientists and physicians committed to making the world's scientific and medical literature a freely available public resource. <http://www.plos.org/>



- ❖ BioMed Central - Publisher of more than 170 peer-reviewed open access journals <http://www.biomedcentral.com/>

Commercial



- ❖ controversial project to scan the most famous literary written works in the world

- ❖ 12 major universities have joined

- ❖ A second round of libraries joined in six months ago:

- ◆ University of California; the University Complutense of Madrid; the National Library of Catalonia; the University of Wisconsin, Madison; **University of Virginia**; and the University of Texas at Austin. The Michigan and Texas libraries agreed to scan works that are still under copyright. The rest have said they are focusing on public domain works or are still considering whether to scan copyrighted works.

- ◆ **Princeton - 1 million public domain books**



Commercial

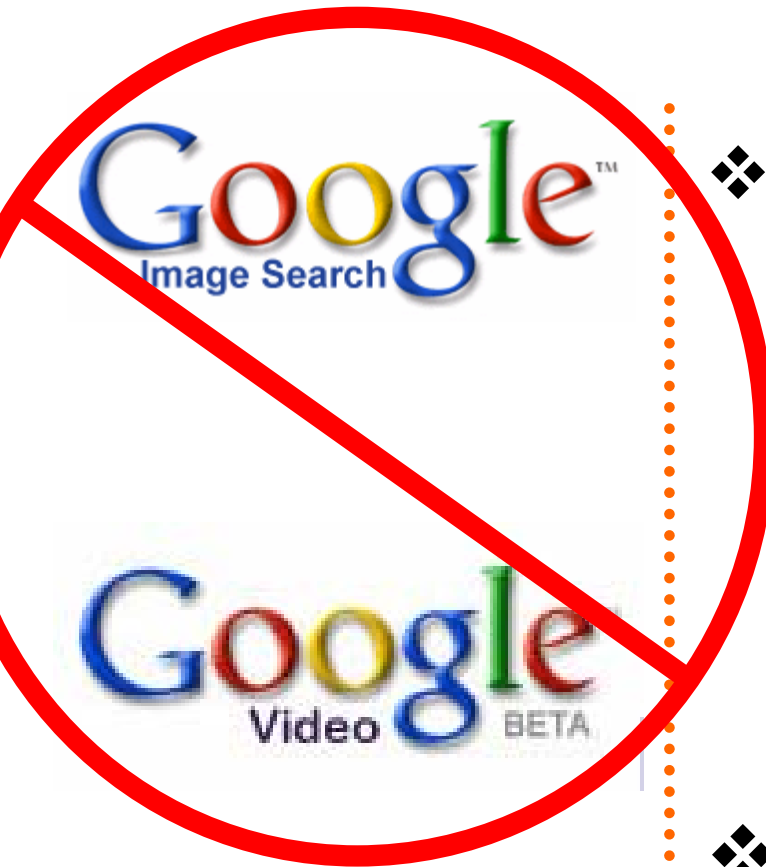


Microsoft's Live Search Academic^{Beta}

<http://academic.live.com/>

The screenshot displays the Microsoft Live Search Academic Beta interface. At the top, the search bar contains the query "history social software". Below the search bar, there are navigation tabs for "Web", "Images", "News", "Maps", "Classifieds", "More", "Feeds Beta", and "Academic Beta". The "Academic Beta" tab is selected. Below the tabs, there are sorting options: "Sort by: Relevance", "Date - Oldest", "Date - Newest", "Author", "Journal", and "Conference". The search results are displayed in a list format. The first result is titled "A small social history of software architecture - Published Version" by Sim, S.E. The second result is titled "Wallop: designing social software for co-located social networks - Published Version" by Farnham, S., Kelly, S.U., Portnoy, W., and Schwartz, J.L.K. The third result is titled "Some social factors of software engineering: the maverick, community ... - Published Version (2005)" by Sharp, Helen and Robinson, Hugh. On the right side of the interface, there is a detailed view of the first result, showing the title, journal name, abstract, and authors.

Commercial



- ❖ "2. Proper Use.
The content and software on this Site is the property of Google and/or its suppliers and is protected by U.S. and international intellectual property laws. **Accordingly, you agree that you will not copy, reproduce, alter, modify, create derivative works, or publicly display any content (except for your own personal, non-commercial use) from the Site."**
- ❖ Acquired YouTube.com - NBC putting stuff there - a lot of this is copyrighted

Commercial

Flickr:
Free Photo
Archive

*Makes available 6
different kinds of
CC-licenses*

The screenshot shows a Flickr page for a photo of a relief sculpture at the Art Institute of Chicago. The photo is titled "The Art Institute of Chicago - Chicago, IL" and was uploaded by Ricardo Phillips on March 25, 2007. The photo shows a stone relief sculpture with the name "SCHILLER" visible. The license is set to "Some rights reserved", which is circled in red. The photo is public and was taken with a Canon PowerShot S3 IS on March 24, 2007.

**Some Rights
Reserved**

Commercial

Novell OCW

<http://ocw.novell.com/>

Novell. advanced

Novell OpenCourseWare

home courses help about ocw feedback

login join

Available Products

- Novell Linux Desktop
- Novell Open Enterprise Server
- SUSE Linux Enterprise
- Training Resources

Novell Global Training Services

Welcome

Novell OpenCourseWare is a collection of educational materials developed by Novell Global Training Services for authorized courses and other customer training purposes. By making these materials available to the public, we hope to extend to all people worldwide the opportunity to access these high quality learning materials.

NOTE: Accessing these materials does not provide access to our instructors or Novell Global Training Services support.

For additional information on services available from Global Training Services, see our [Novell Global Training Services](#) web site.

Where to Start

If you're wondering where to start, try the list of available products on the left of this page, or go to the [full list of courses](#). We've also provided answers to several questions about Novell OpenCourseWare in our [Frequently Asked Questions](#).

Once you've had a chance to look around, we would love to

Open Content Tools

MOCSL: Making Open Content Support Learning

last modified 2007-01-25 12:07



- ❖ [MOCSL](#) is a set of small tools designed specifically to advance the state of the art in supporting end users' abilities to find and reuse educational resources
- ❖ The tools are under development and will be released for general use over the course of 2007.
 - ◆ E.g., [OER Finder](#)

<http://cosl.usu.edu/projects/mocsl/>

Open Content Tools

Educational
Software

Free and/or
Open Source
Software

Faculty may also save effort by using free and open resources provided by:

- ❖ [LON_CAPA](#) - Distributed Learning Content Management and Assessment System
- ❖ [Moodle](#) - Learning Content Management
- ❖ [The Sakai Project](#) - Learning Content Management
- ❖ [eduCommons](#) (demo) OpenCourseWare Management System - Utah State
- ❖ [Mambo](#) - Web Page CMS
- ❖ [Open Source Portfolio](#) - ePortfolio
- ❖ Wikispaces /pbWiki

Open Content Tools

Open e-Learning
Consultant –
Jane Hart

- ❖ Useful website of resources
 - ◆ <http://www.janeknight.com/Directory/Content/free.html>

Open Content Tools

Wikieducator Tutorials

<http://en.wikieducator.org/>

*Can you find what you
need?*

*At the level of granularity
you need?*

*More often, you want to
create own materials by
re-mixing what you find.*

- [Introduction: PLAN the use of OER](#)
- [Tutorial: SEARCH & FIND OER](#)
- [Tutorial: PRODUCE & REMIX OER: author & modify](#)
- [Tutorial: SHARE OER: publish and re-use](#)
- [Tutorial: CHOOSE a license](#)
- [Tutorial: USE open source tools](#)

Open Content Tools

Reference Management / Social Bookmarking Tools



❖ H²O Playlist - Berkman Center for Internet & Society

♦ All playlists CC-licensed

❖ Citeulike - manage links to academic papers (dominated by biological and medical papers)

<http://www.citeulike.org/faq/all.adp>

❖ [Connotea](#) - free online reference management for all researchers, clinicians, and scientists

❖ [getCITED](#) -- online, member-controlled academic database, directory and discussion forum

Connotea Organize. Share. Discover.

Home Latest News About Connotea Site Guide Community pages

Five reasons to use Connotea

- **Save and organize** links to your references
- Easily **share** references with colleagues
- Access references from **any computer**
- **One click** is all it takes
- **Easy to use**. Start creating your library today

Learn more
[Watch a short video](#) (2m 41s)

Free online reference management for all researchers, clinicians and scientists

Completely free, no download

[sign up](#) nature.com

How it works

- 1 You find a reference**
Molecular structure of nucleic acids
W JD, FH CRICK - Nature, 1953 - [PubMed](#)
Nature. 1953 Apr 25;171(4356):737-8 ...
[Web Search](#)
- 2 One click saves it on Connotea**
Add To Connotea
- 3 Add your own keywords for easy retrieval**
DNA, genetics, geno
[genomics](#)

Open Content Tools

Open Education 2007: Localizing and Learning

September 26-28, 2007

**The submission deadline is
May 18, 2007**

<http://cosl.usu.edu/conferences/opened2007/call-for-papers>

❖ Conference Themes

What are the next steps, now that there are thousands of open-licensed educational resources available?

❖ OpenEd 2007 will focus on:

- ◆ Localizing open educational resources
- ◆ Learning from open educational resources

Questions??



Turracher Schwarzsee (Austria)

Source: Wikimedia Commons

Pitfalls / Challenges for Implementing or IT staff

- ❖ Security issues
- ❖ IP issues
- ❖ Faculty staff concerns with
 - ◆ Validity
 - ◆ Reliability
 - ◆ Usability
- ❖ Harvest globally, grow locally
- ❖ Interface /integration issues
- ❖ Student vs. faculty/staff use

Benefits for Implementing or IT staff

- ❖ Professional development
- ❖ New scholarship and new forms publishing (2007 HR)
- ❖ Access to growing amount of high-quality resources at all levels of granularity
 - ◆ Instructional guides
 - ◆ Modules/workshops
 - ◆ courses

Sample Course or Professional Development project



A slide from Leigh Blackall's presentation, [Networked Learning](#)



A movement to reverse the limitations of copyright by providing a flexible range of options for use/reuse of digital information

Eureka! Discovering Rich Sources of Open Educational Content: *a primer for instructional support staff*

Goals

- Herald the mission of OER Commons:
“to expand educational opportunities by increasing access to high-quality Open Educational Resources (OER), and facilitating the creation, use, and re-use of OER, for instructors, students, and self-learners.”

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Everything Copyright and Public Domain, by Rosemary Chase
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