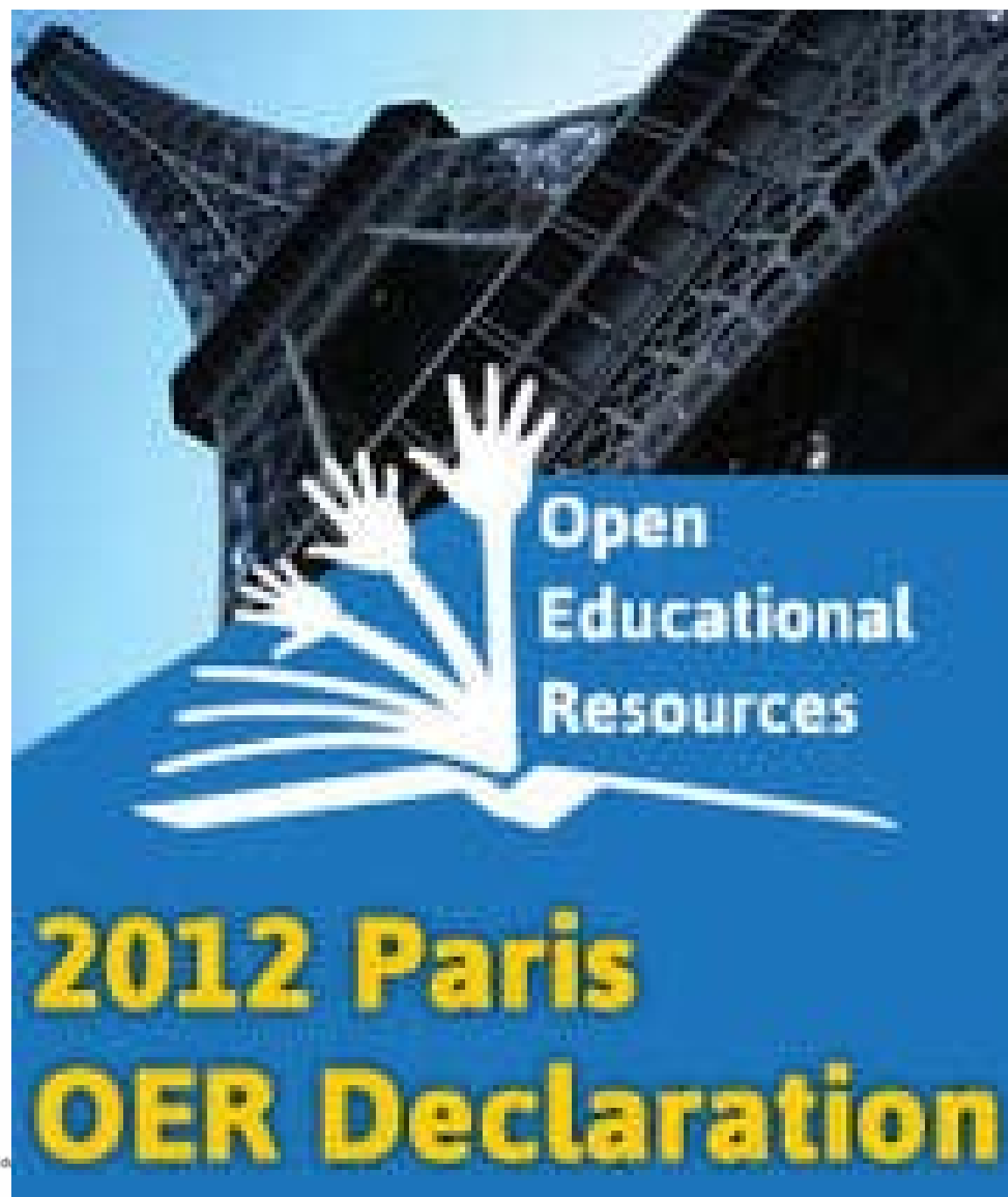


Except where otherwise noted, this work is licensed under

<https://creativecommons.org/licenses/by/4.0/>

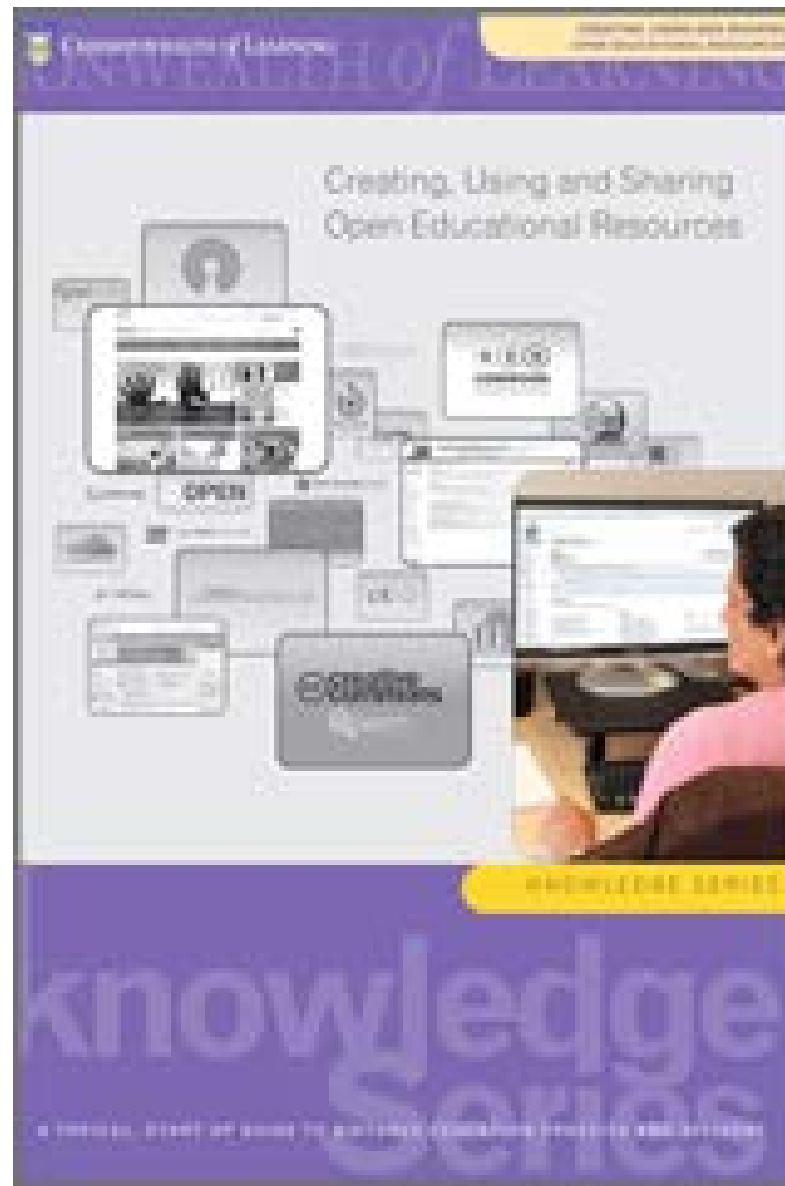
**Some images fair dealing or fair use**



Open  
Educational  
Resources

**2012 Paris  
OER Declaration**

# Col.org



Creative Commons  
Attribution 3.0 License  
(some images fair dealing)

# The Challenge for the 21st Century

2025 + 98 million new students

4 universities

30k students

**How to educate ALL these learners?**

Council & IDP Australia



**Internet is  
the biggest  
commons**

**Public domain  
is a priceless,  
shared heritage**



# Copyright: What it means

Copyright was instituted to “encourage learning and “promote the progress of science and the useful arts

**NOT**

to protect the rights of the author

*Para-copyright or pseudo-copyright?  
- Jaszi*



Copyright:  
The Good Guys



# Scriptural Scribes

20 000 years



**“The concept of  
copyright was utterly  
foreign to the ancient  
mind.”**

Tom Harpur

Copyright:  
The Good Guys



## **Columcille** 6<sup>th</sup> Century (St. Columba)

- Copied St. Finian's psalm book
- Defeated King Diarmid who ruled "to every cow its calf, to every book its copy" (Brehon Law)
- 3000 killed in battle at Cuilcenn  
561



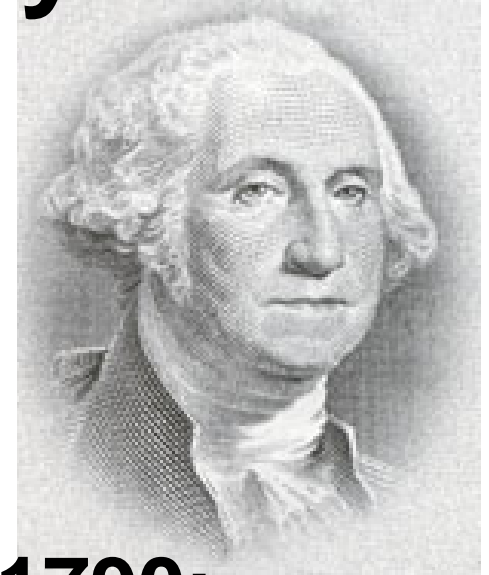
Copyright:  
The Good Guys

**Statute of Queen Anne  
1710:  
An Act for the  
Encouragement of  
Learning**



**Queen Anne**

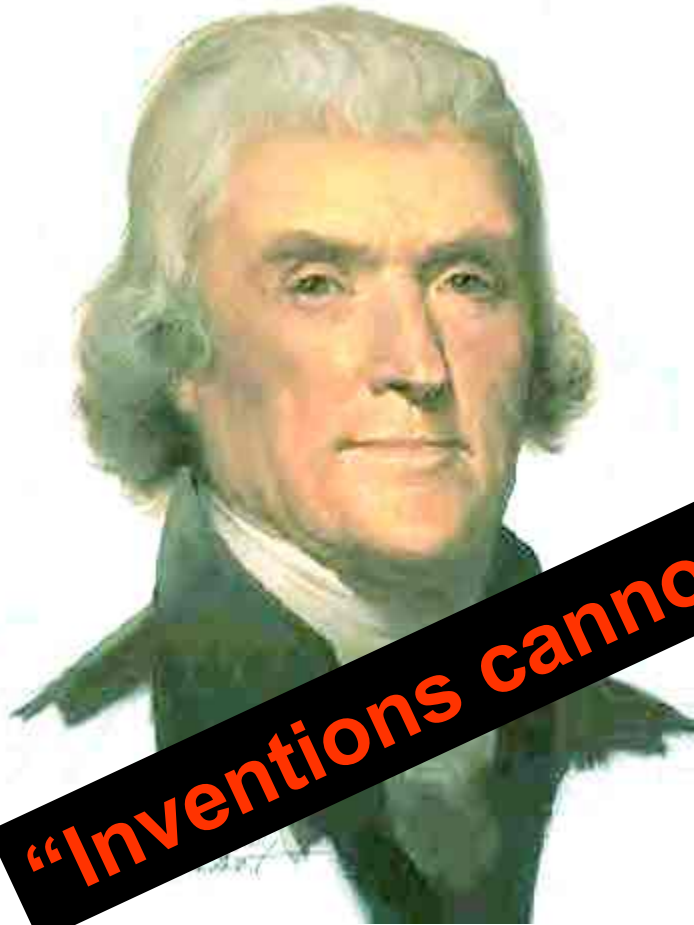
# Copyright: The Good Guys



George  
Washington

USA:  
Copyright Act 1790:  
*An Act to Promote the  
Progress of Science  
and the Useful Arts*

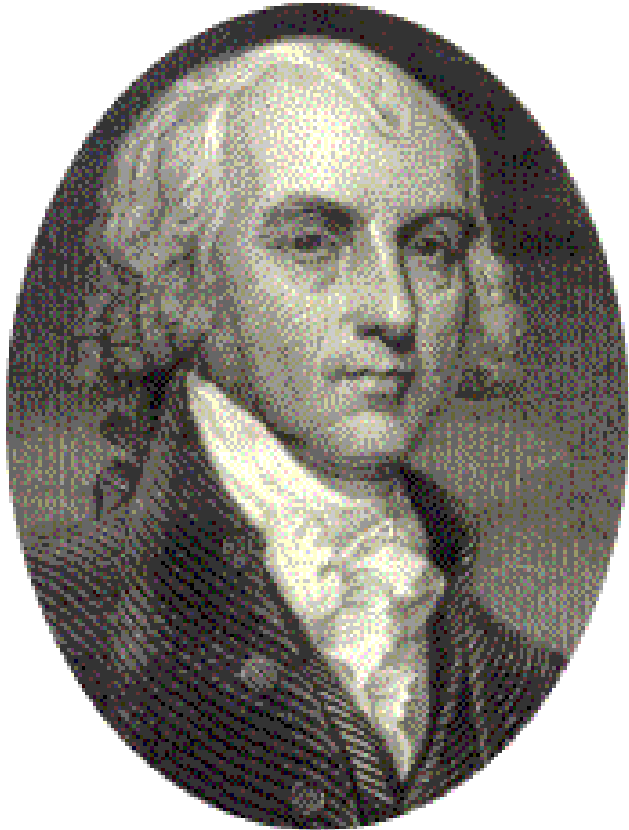
Copyright:  
The Good Guys



Its peculiar character is that no one possesses the whole of it. He who receives an idea from me, receives instruction himself without lessening mine; as he who lights his taper at mine, receives light without darkening me."

**President Thomas Jefferson**

**Copyright:  
The Good Guys**



**“incentive NOT property  
or natural law is the  
foundational justification  
for American copyright -  
It is a privileged  
monopoly.”**

**President James Madison**

**Copyright:  
The Good Guys**



**John Perry Barlow**  
Electronic Frontier Foundation

**"The greatest constraint on your future liberties may come not from government but from corporate legal departments laboring to protect by force what can no longer be protected by practical efficiency or general social consent."**

# Copyright: What it means



- No one owns ideas.
- They belong to everyone
- Copyright holders possess a “copy” right
- Copyright protects the expression of ideas NOT the ideas
- Holders have a **limited** right to control the expression of their ideas for a **limited time**

# Copyright: What it DOESN'T mean

## *DROIT D'AUTEUR*

[Author's right]



**OER?**

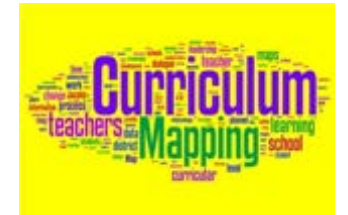


# Open Educational Resources (OER)



***“... technology-enabled, open provision of educational resources for consultation, use and adaptation by a community of users for non-commercial purposes.*”**

# OER



[http://4.bp.blogspot.com/\\_UqUwVPIrChs/SADLSazARPI/AAAAAAAAAA](http://4.bp.blogspot.com/_UqUwVPIrChs/SADLSazARPI/AAAAAAAAAA)  
No License found



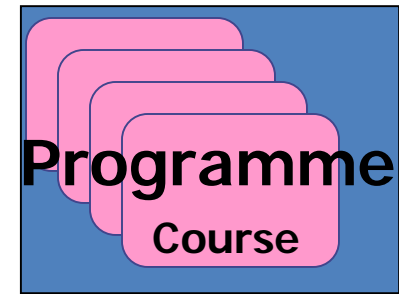
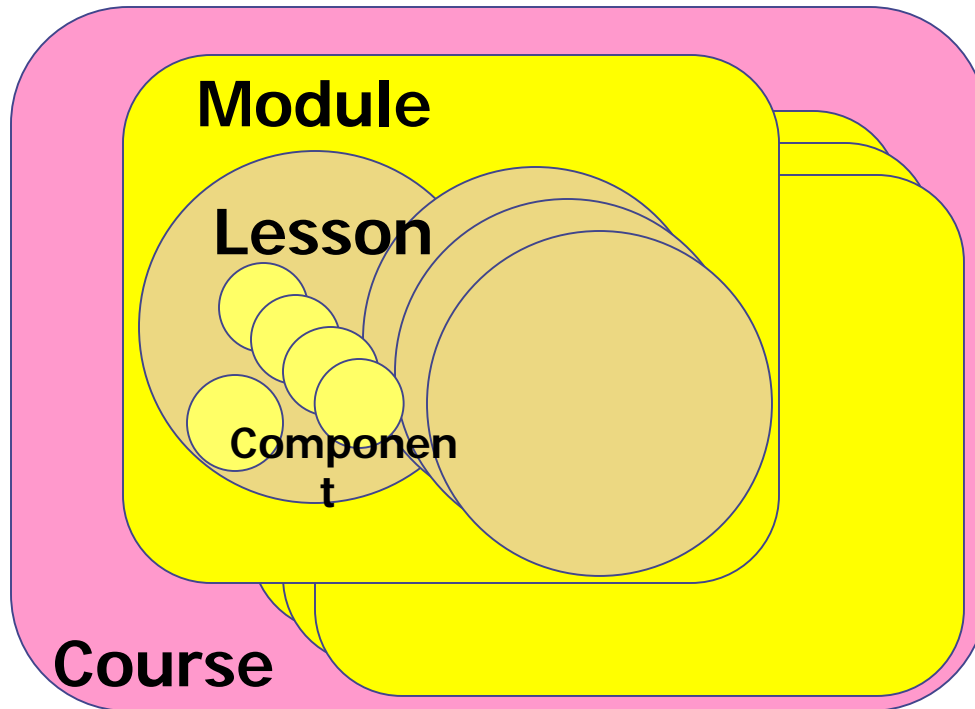
United Nations  
Educational, Scientific and  
Cultural Organization



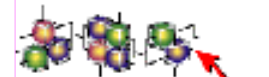
UNESCO Chair in  
Open Educational Resources



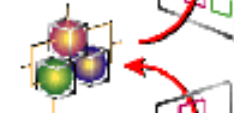
# Learning objects



Eg. Simulation



Topical Unit



Reusable Learning Object



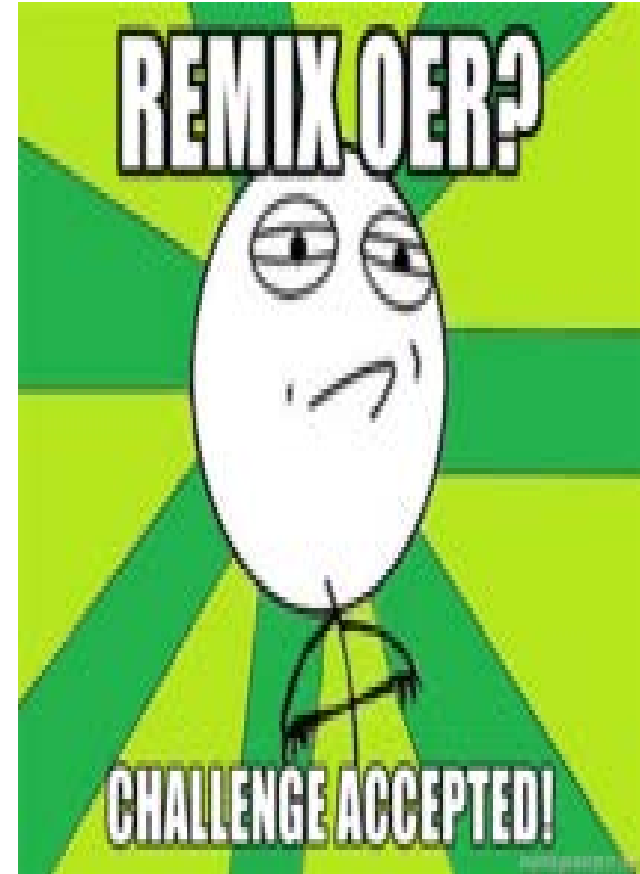
Information Objects



granularity

# Changing OER

- **Mixing – a new resource**
- **Adaption – multiple contexts**
- **Extraction – remove assets**
- **Localisation – change to suit**
- **Translation - other language**
- **Reuse/Repurpose**



# OER's are Open (Mostly)

- OERs can be:

- Augmented

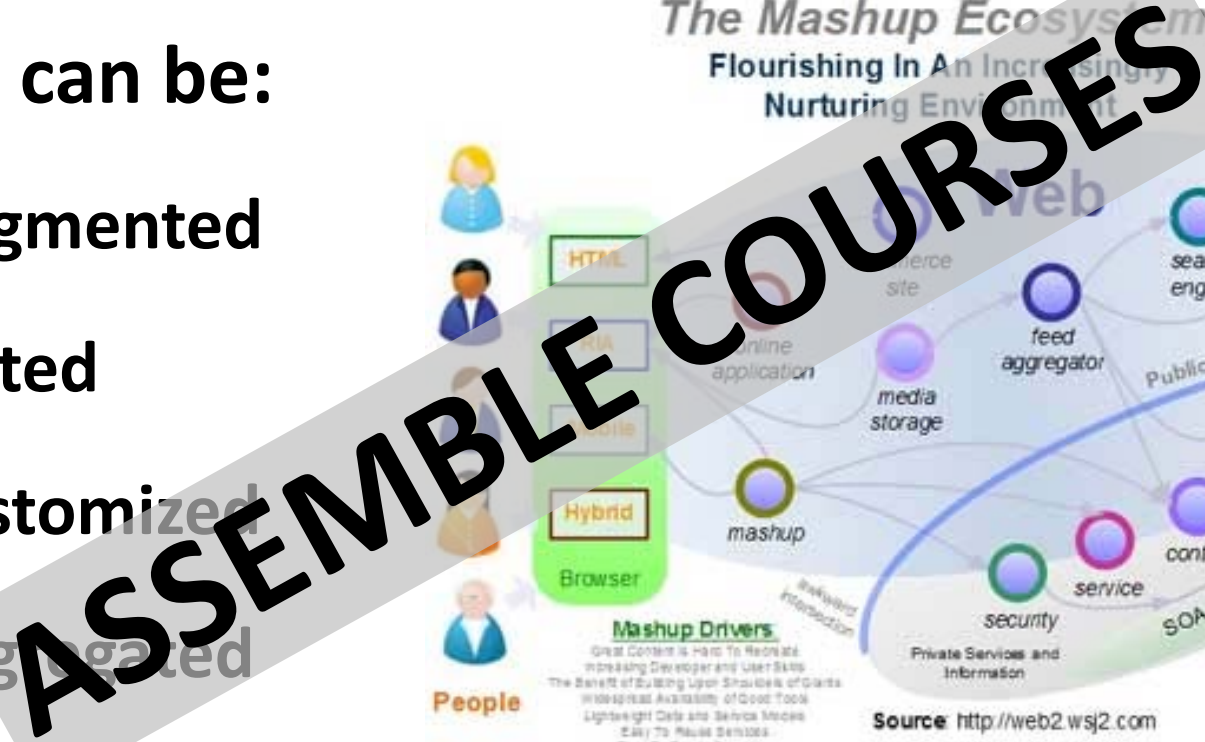
- Edited

- Customized

- Aggregated

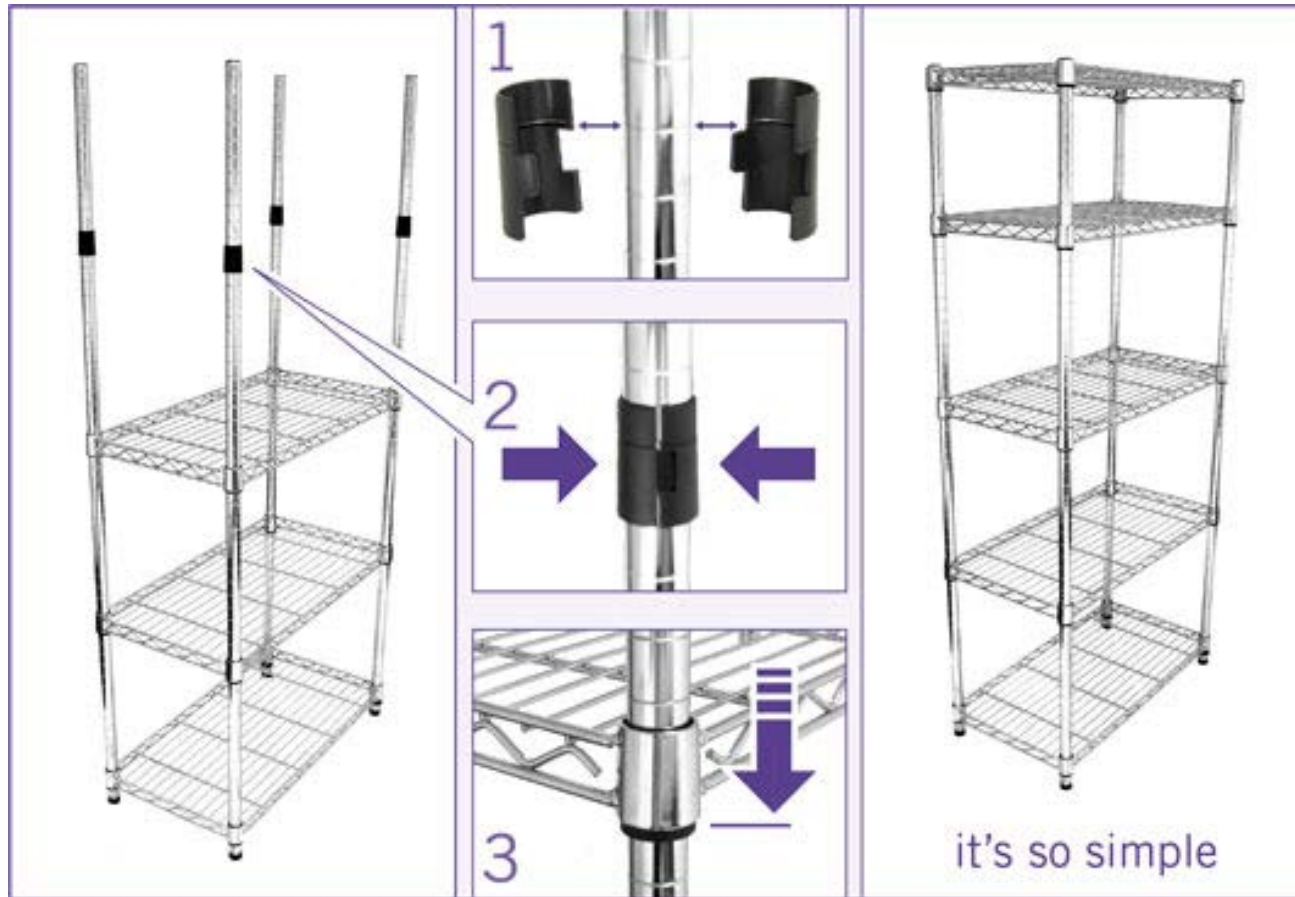
- Reformatted

- Mashups! <http://www.edtechpost.ca/gems/opened.htm>

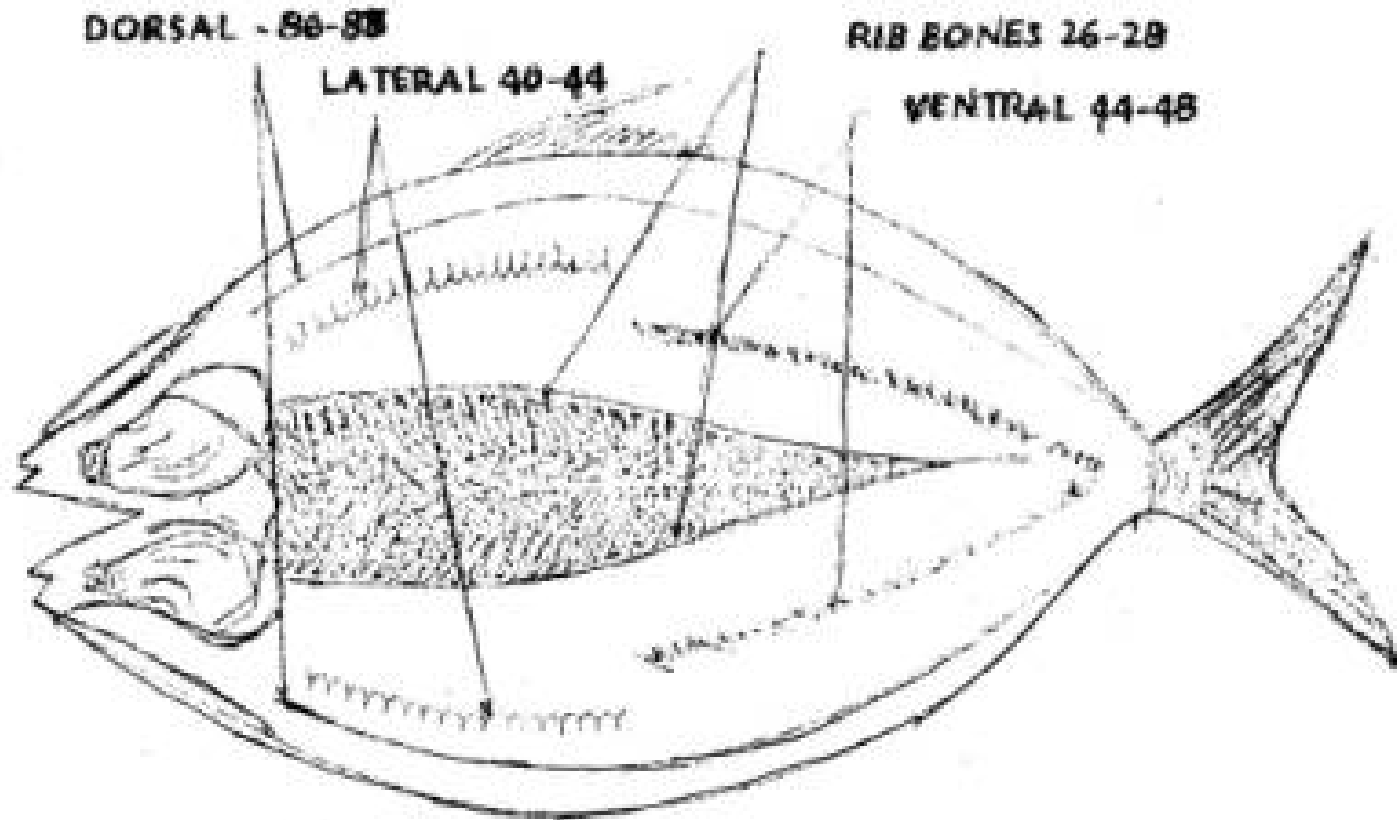


See Scott Leslie's 10 minute video at

# OER: Course Assembly



# OER: Deboning





≠  
=



Research publications

Learning materials





**Are OER free?**

# Cost considerations of OER

- OER are FREE
- No unnecessary duplication
- Sharing reduces costs of development
- Removes costs of copyright clearance
- Engages open communities

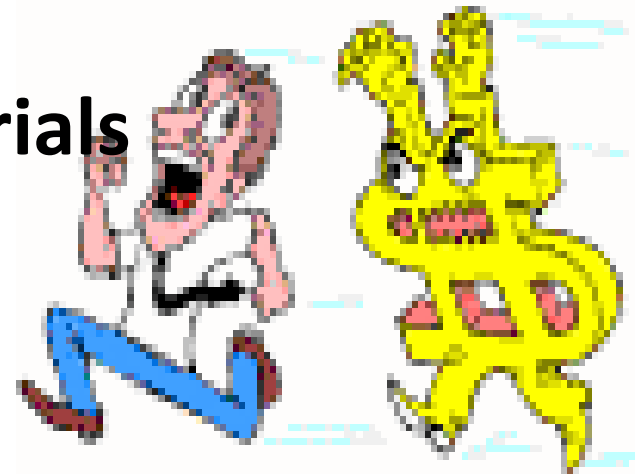


<http://cio-perspectives.com/wp-content/uploads/2009/02/cost-cutting.gif>  
No License found

# Cost considerations of using commercial content

- Developing and improving current course design
- Ongoing programme and course design
- Planning of sessions with students
- Development of learning materials
- Design of effective assessment

**BUT OER ARE FREE & ADAPTABLE**



# Commercial Learning Service or Rent-a-book



- **student owns nothing, can share nothing, save nothing, sell nothing**
- **subscription ends – ALL ends**
- **publishers own student data, notes, highlights**
- **students can't transfer data**



*US Version*  
**+20 000 movies**

**per month**  
**\$ 7.99**



**+45 000 TV shows**

**\$ 7.99**



**+15 000 000 songs**

**\$ 9.99**

**TOTAL**

**\$25.97**

**ONE Biology text**

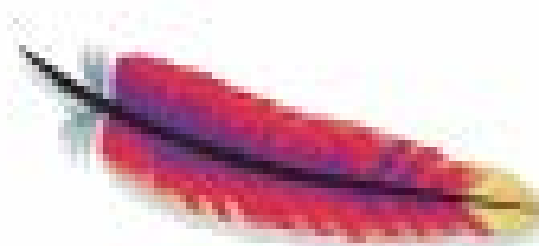
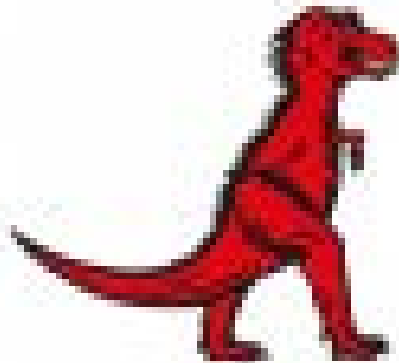
**\$20.25**

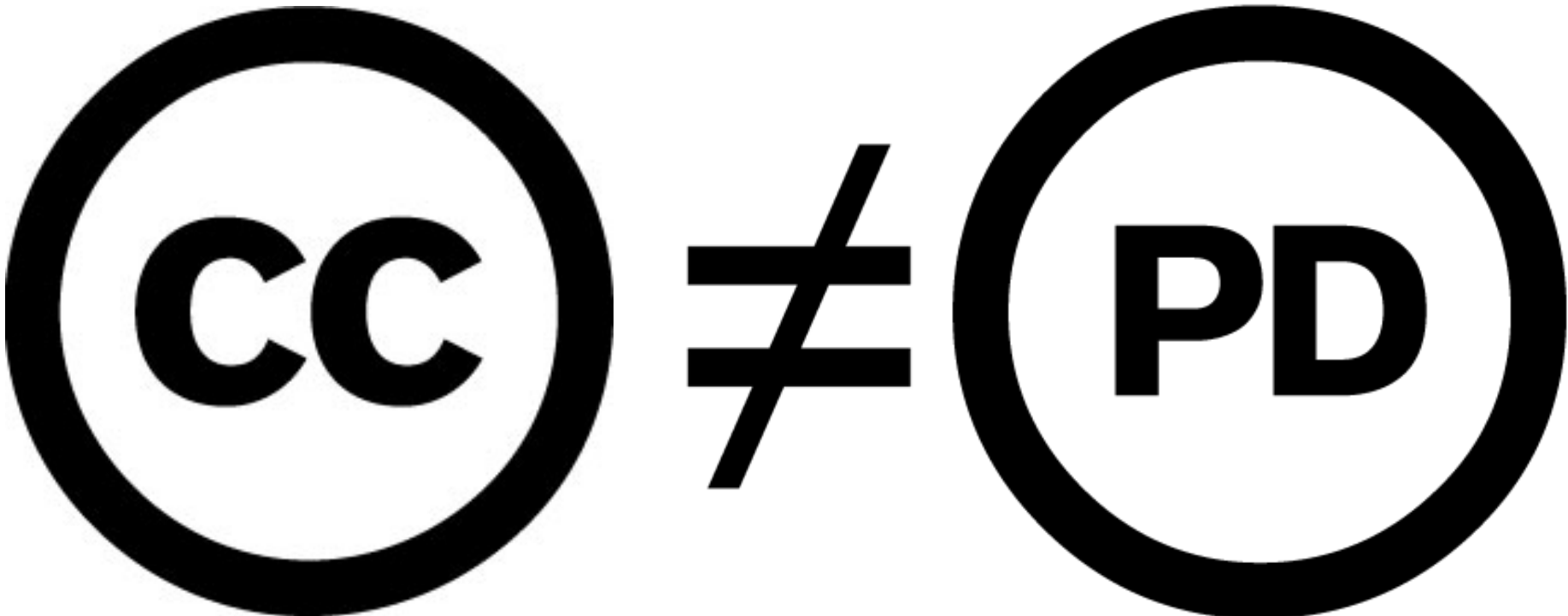


-David Wiley

**How open is an open  
licence?**

# OPEN LICENSING

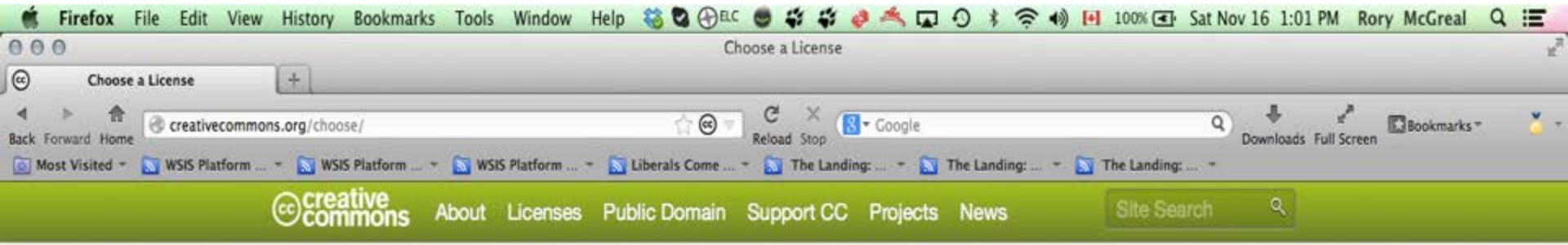








- **Avoids automatic copyright restrictions.**
- **For different countries, languages**
- **Licence generator (human, legal, machine)**
- **Others can copy or change without permission**
- **Authors rights; some freedoms restricted**



New to Creative Commons? [ [Considerations before licensing](#) ] [ [How the licenses work](#) ]

Explore the Creative Commons licenses. [ [Want public domain instead?](#) ]

- <http://creativecommons.org/choose>

**License Features**  
Your choices on this panel will update the other panels on this page.

**Allow modifications of your work?**

Yes     No

Yes, as long as others share alike

**Allow commercial uses of your work?**

Yes     No

**Selected License**  
**Attribution 3.0**  
**Unported**

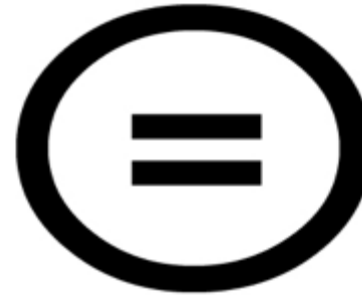
CC    Person icon



# creative commons

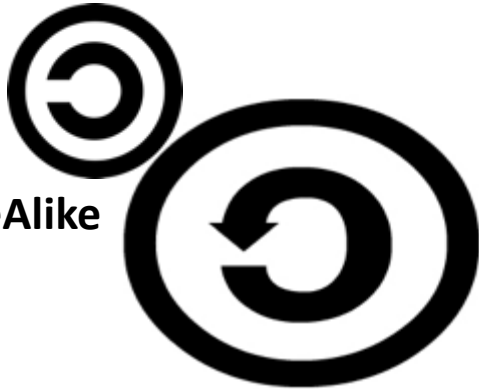
Some rights reserved

Attribution



No derivatives

ShareAlike



Non-commercial

# Pentalogy, July, 2012



**Canadian Supreme Court**

# Fair Dealing

**WRONG**

**Overly restrictive &  
unnecessary  
requirements**



**RIGHT**

**MUST  
have a  
Large & Liberal  
interpretation**



# Fair Dealing

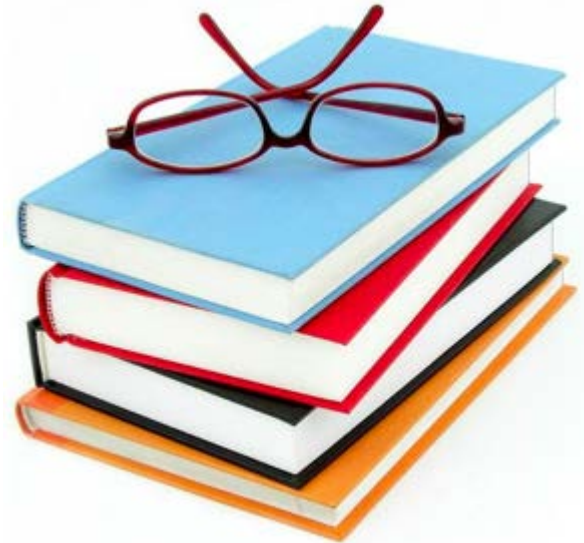
**WRONG**

**Different rules for  
paper & digital**



**RIGHT**

**Technologically neutral**



# Fair Dealing

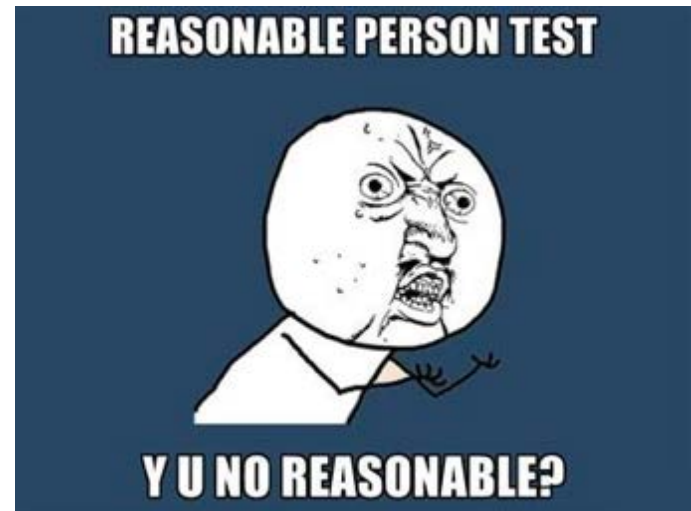
WRONG 

10% limit or  
even 5%



RIGHT

A “reasonable amount”  
can be copied with a  
liberal interpretation



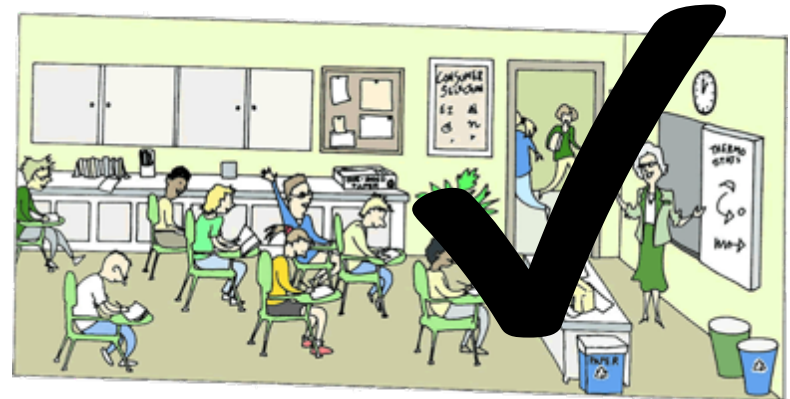
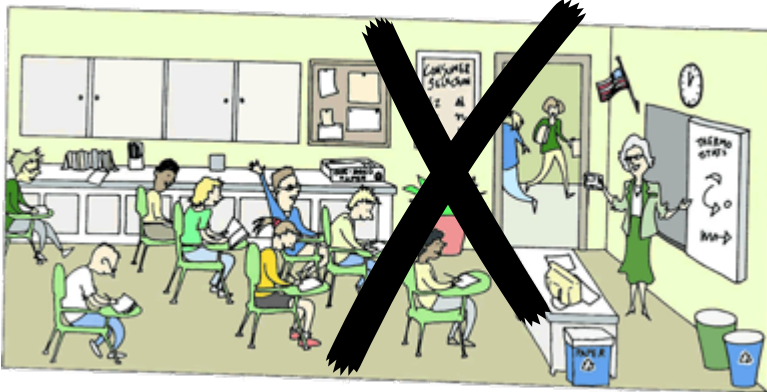
# Fair Dealing

**WRONG**

**RIGHT**

**NO Class copies**

**Class copies are ok**





# Fair Dealing

**WRONG**

**RIGHT**

**NO course packs**

**Course packs are ok**





**“The act of reading, by itself, is an exercise that will almost always constitute fair dealing even when it is carried out solely for personal enlightenment or entertainment”.**

**Intellectual Property**



# Privileged Monopoly



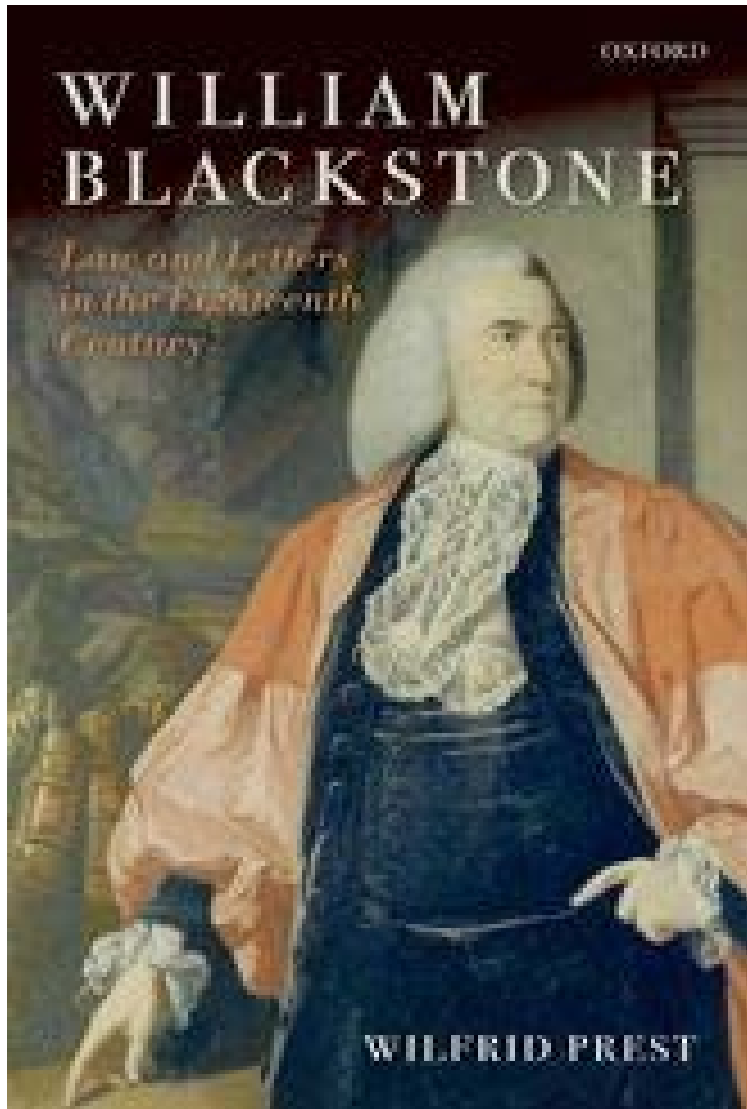
United Nations  
Educational, Scientific and  
Cultural Organization



UNESCO Chair in  
Open Educational Resources



INTERNATIONAL  
COUNCIL FOR OPEN AND  
DISTANCE EDUCATION



**There is nothing which so generally strikes the imagination, and engages the affections of mankind, as the right of property; or that sole and despotic dominion which one man claims and exercises over the external things of the world, in total exclusion of the right of any other individual in the universe.**

**William Blackstone *Commentaries on the Laws of England* 1765-69**

# Intellectual Property ?

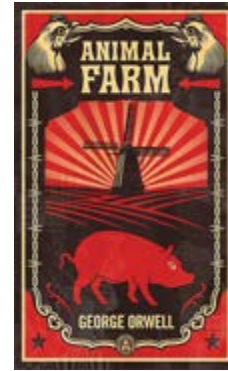
OR

a manifestation of government  
intervention in social relations May



- imposing duties
- restricting freedom
- inflicting burden on users

Waldron



Palm Pre



defective by design

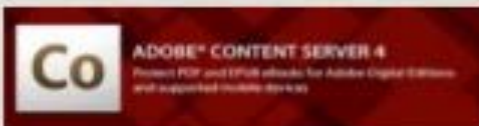
# 3 Common Types of DRM



- **Amazon** applies its own DRM to Kindle eBooks, and they completely control the system



- **Apple** applies its FairPlay DRM to all files purchased from the iBookstore



- **Adobe's** DRM system, called Adobe Digital Editions Protection Technology (ADEPT) uses a program called Adobe Content Server 4 (ACS4) to manage DRM

# Who's really losing?



**Any obstacle that makes a record harder to listen to is bad news for the artist that made it**

Sony Rootkit



# DRM (Digital Rights Management)

## You CANNOT

- Copy & paste, annotate, highlight
- Text to speech
- Format change
- Move material
- Print out
- Move geographically
- Use after expiry date
- Resell

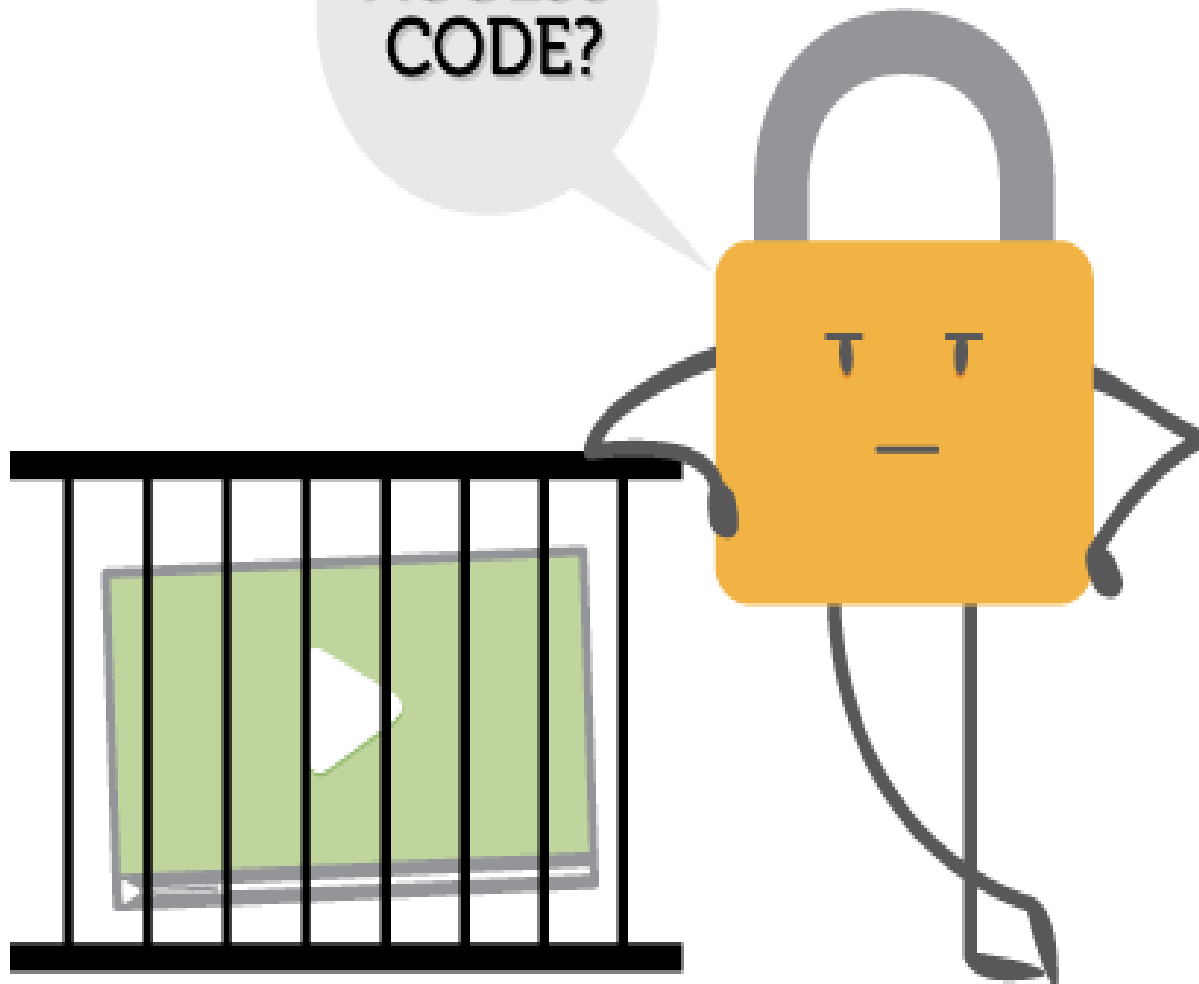


**DRM software needs deep permissions into the operating system**

**DRM can stop normal operating system functions.**



ACCESS  
CODE?





# But our device is our **PROPERTY**

- **DRM restricts our freedom**
- **Can we not own & control our own property?**



Nielsen.com

**But, we're innocent!**






The uploader has not made this video available in your country.

Sorry about that.





We've done it!  
Perfect copy protection!  
A CD that self-destructs  
after one playing...



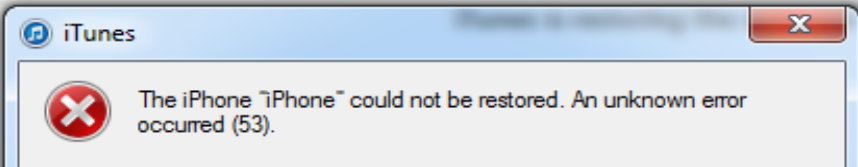



## iPhone

Serial Number: n/a

iPhone Recovery Mode

on this iPhone.



OK More Information



Heart pump

Drive first class,  
pay economy



Electronic  
Voting  
Machine  
(EVM)



Visit [www.election.gov.in](http://www.election.gov.in) to download full report and get

Cory Doctorow

# Digital Licenses



- Copy & paste, annotate, highlight
- Text to speech or hyperlink
- Format change
- Move material to another computer
- Print out
- Move geographically
- Use after expiry date
- Resell

- Owners have **NO** liability even if product doesn't work
- Owners can “invade” your computer without permission
- Collect & use personal data
- User has a “privilege” to use the product not own it

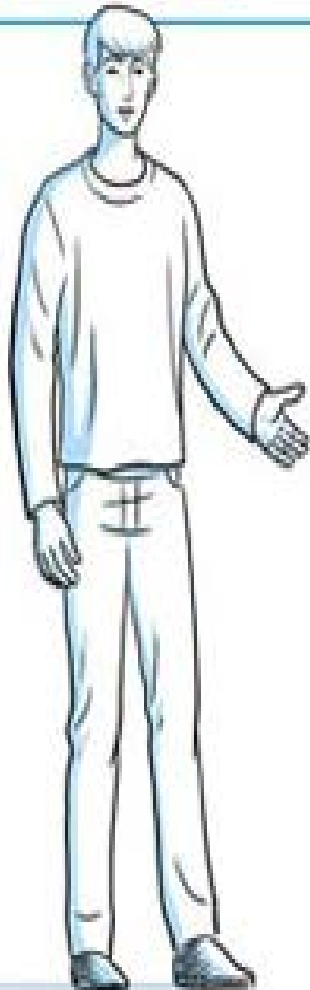
- Prohibited to show your content to others
- Must accept that you have **NO** rights



# Google Chrome



Behind the Open Source Browser Project



We're going to own all of your shit, whether you like it or not. **Deal with it.**

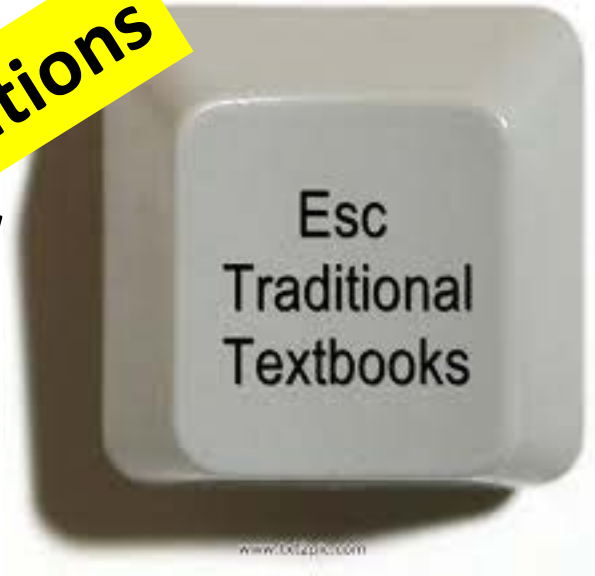
Brian Rakowski,  
Product Manager

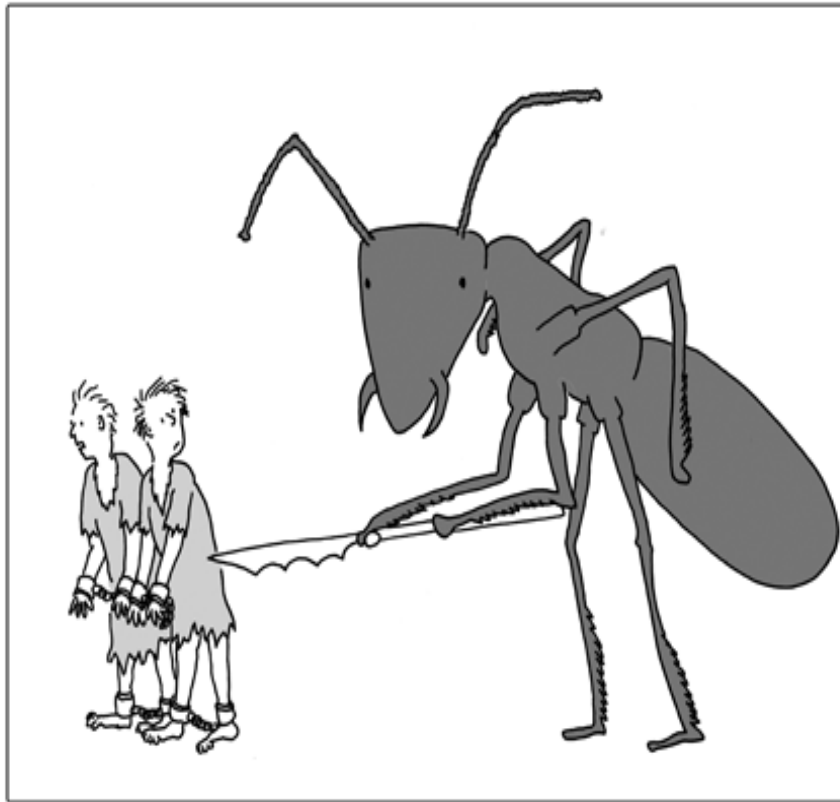
# Open ETextbooks



- Copy & paste, annotate, highlight ✓
- Text to speech or hyperlink ✓
- Format change ✓
- Move material to other content ✓
- Print out
- Move geographic content ✓
- No expiry date ✓
- Reuse/Remix mash ✓
- Reveal privacy and digital rights ✓✓

**Essential for E-learning implementations**

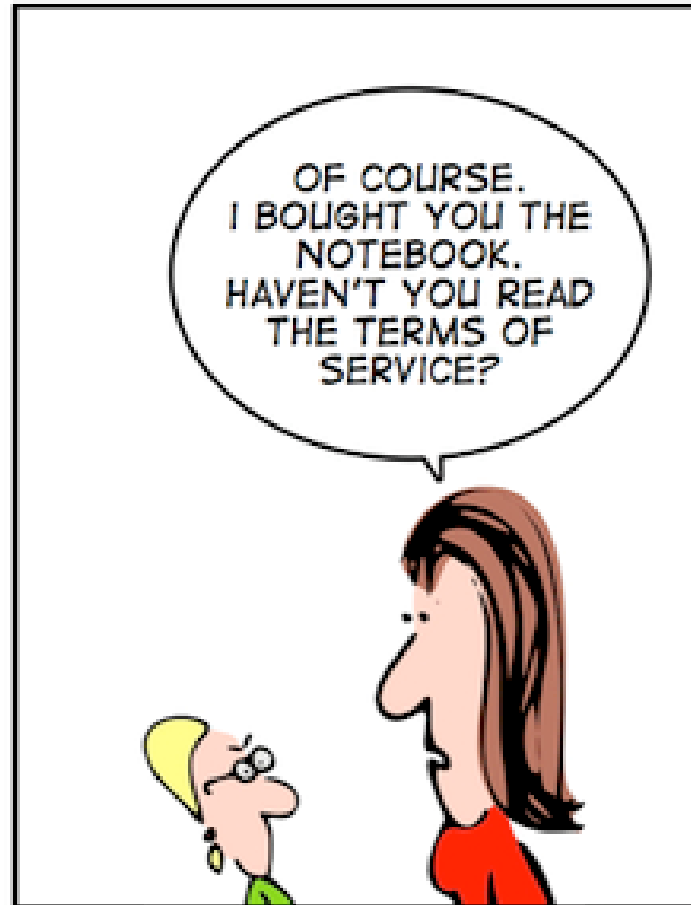




Well, lesson learned. Next time, I'm definitely reading  
the end user license agreement.

**Microchip's authorized representatives will have the right to reasonably inspect, **announced or unannounced** and in its sole and absolute discretion, Licensee's premises and to audit Licensee's records and inventory of Licensee's use of the Software, **whether located on Licensee's premises or elsewhere, at any time****

# Do you own what you pay for?



*THE 2.0 MODEL*

*jeff and pike*

# Access Rights?

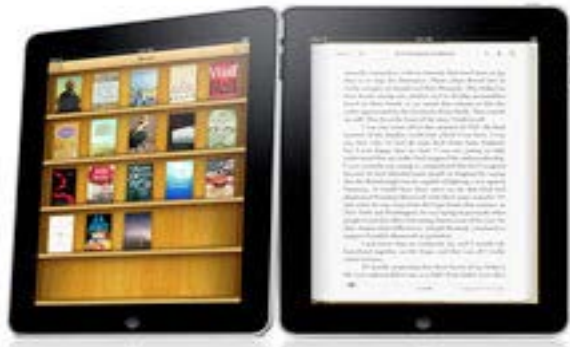
Vendors can control how, when, where, and with what specific brands of technological assistance audiences are able to access content



**You buy but you don't get**



# Commercial Learning Service or Rent-a-book



- student owns nothing, can share nothing, save nothing, sell nothing
- subscription ends – ALL ends
- publishers own student data, notes, highlights
- students can't transfer data



**There's no theory of capitalism that says that my private property should be regulated by the state because there's a copyrighted work Inside of it.**

Cory Doctorow

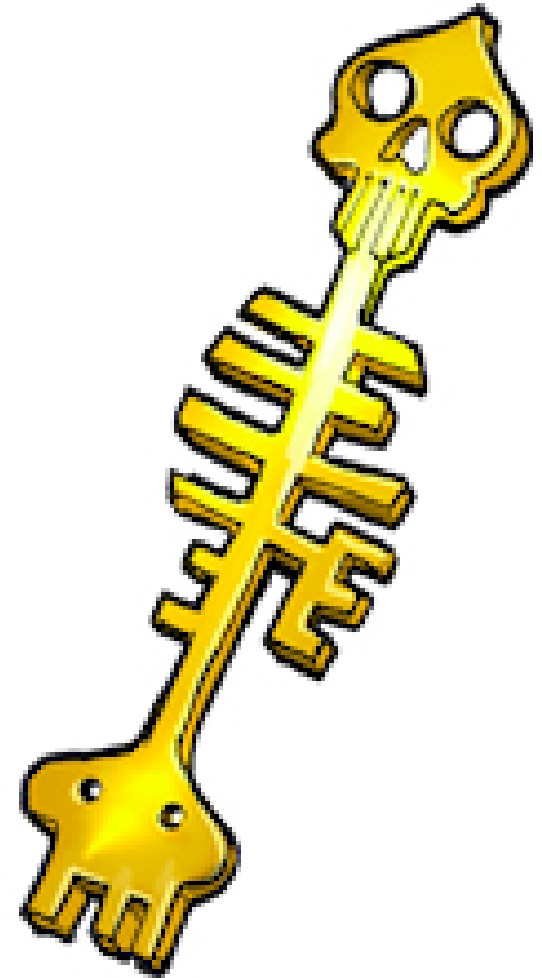


# The Post-Ownership Society



**We all just “share” and “rent” on the powerful platforms of Silicon Valley billionaires; this is far from a satisfactory alternative**

**Openness is the  
skeleton key that  
unlocks every  
attempt at vendor  
control and lock in**



David Wiley

# Attack on Personal Property

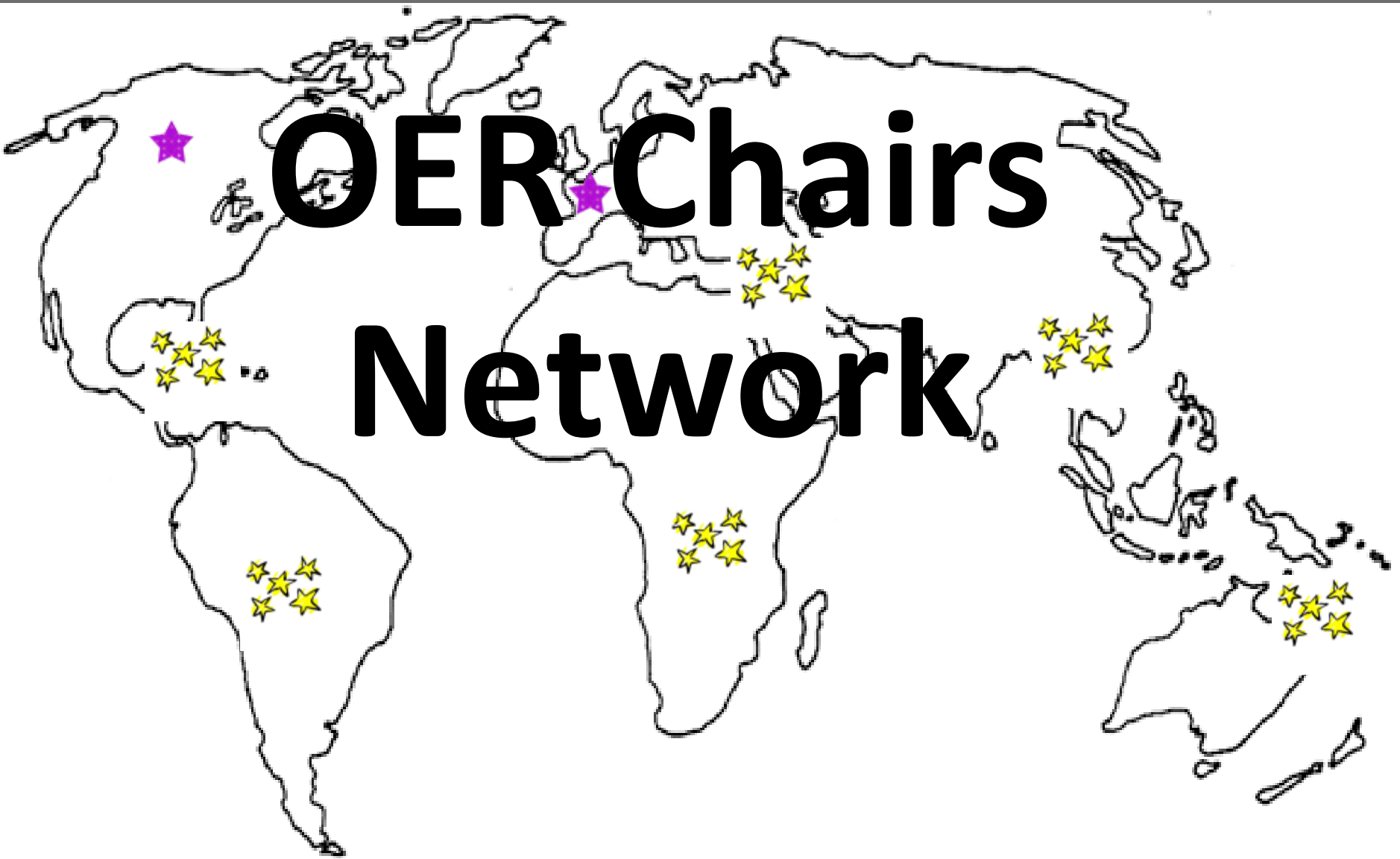
**When you subscribe to content through a digital service, the publisher achieves complete and perfect control over you and your use of their content**

-- David Wiley



**How to participate?**

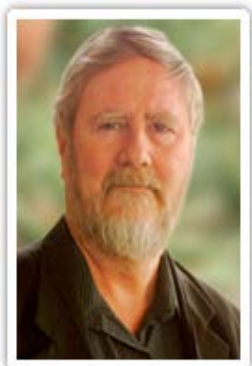
# OER Chairs Network





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Attribution 3.0 License  
(some images fair use)

# ***UNESCO Chairholders in OER Partners***



**Rory McGreal**  
Canada



**Wayne Mackintosh**  
New Zealand



**Tel Amiel**  
Brazil



**Fred Mulder**  
Netherlands



**Maria S. Ramirez**  
Mexico



**Mitja Jermol**  
Slovenia



**Martin Weller**  
UK





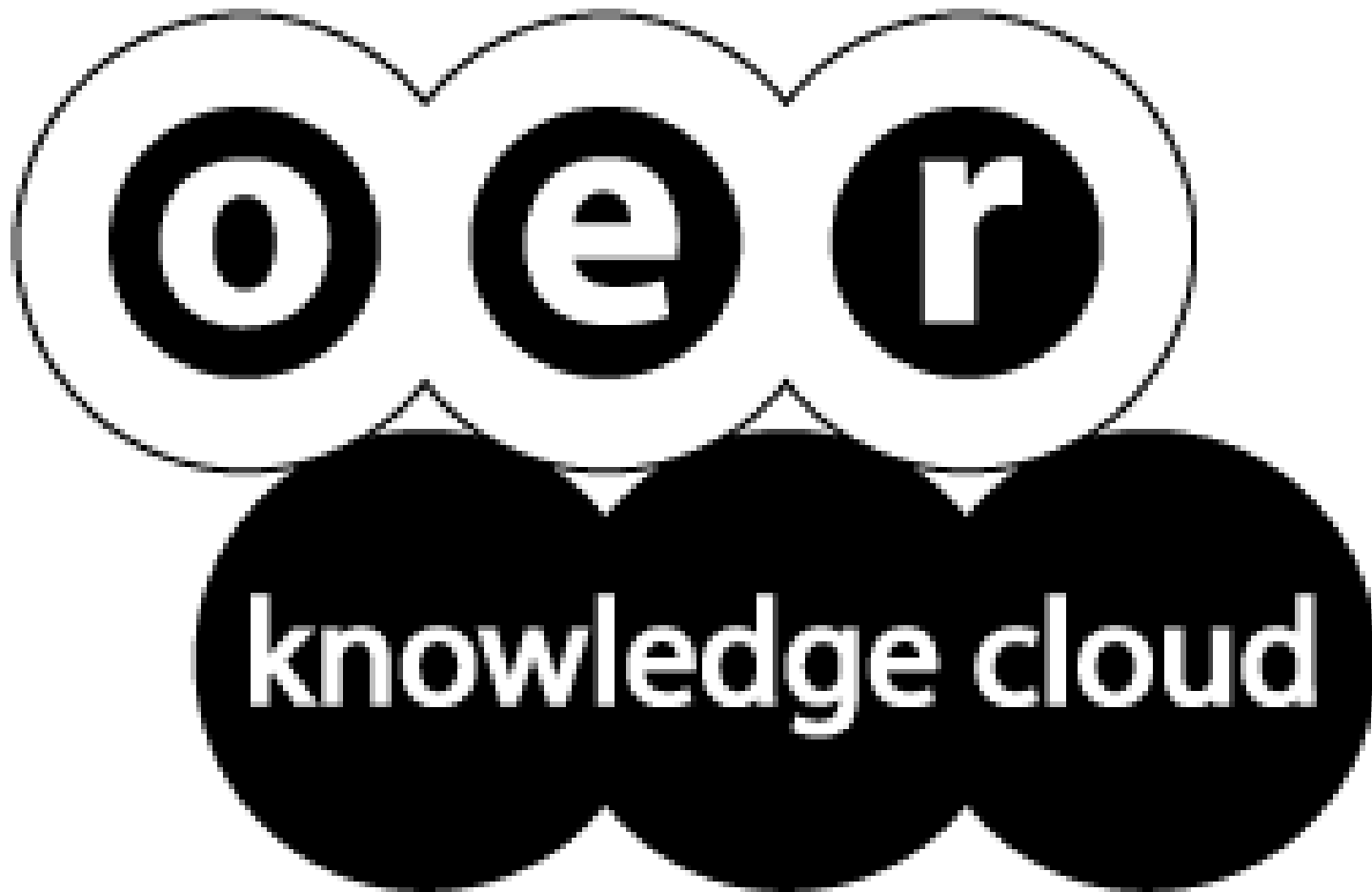
# Global OER Graduate Network



Fred Mulder



***PhD in the study of OER***



<https://oerknowledgecloud.com/>





**OERu**

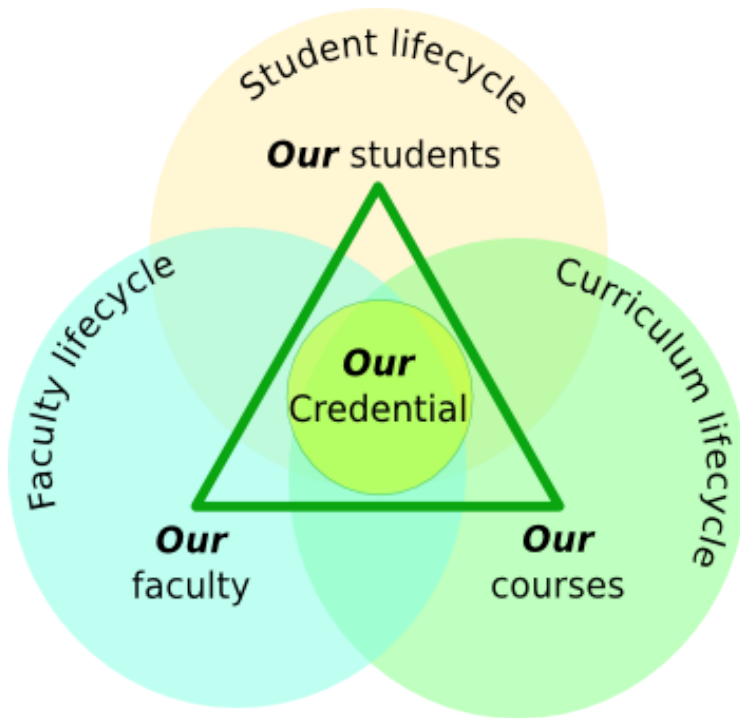
- **Learners who access OER and acquire knowledge/skills cannot have their learning assessed and accredited**
- **OER Pathways**
- **+30 institutions/orgs on 5 continents**



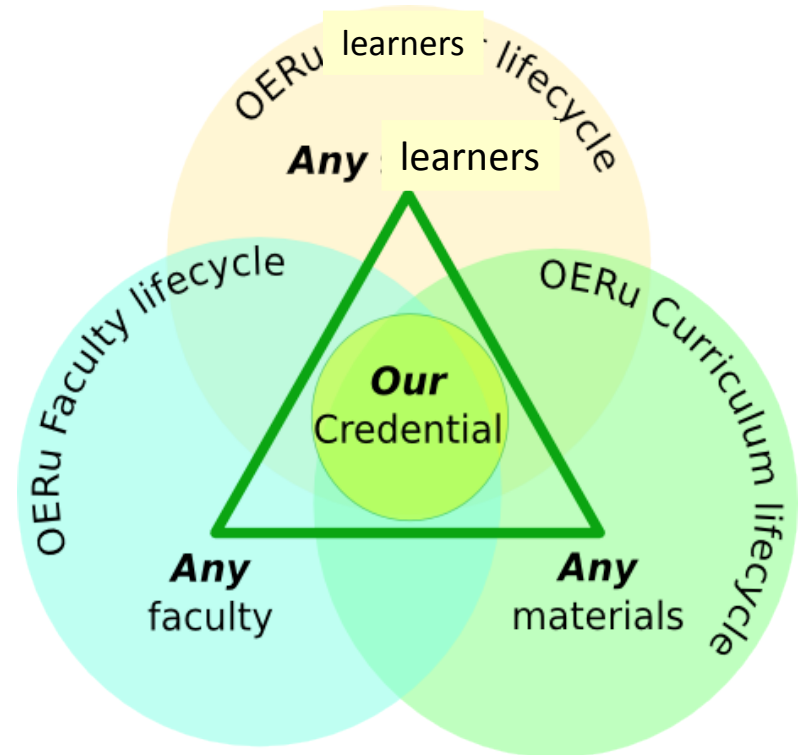
Why am I taking this course?



## Traditional model



## OERu model



Friesen & Murray

[Home](#)

[Courses](#)

[Programs](#)

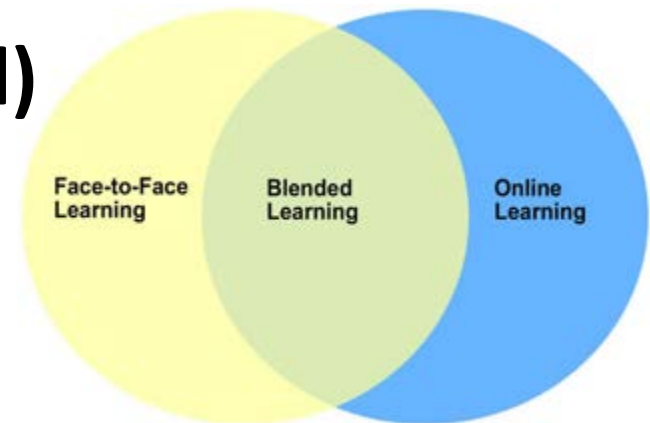
[Faculty & Staff](#)

### Blended and Online Learning and Teaching (BOLT)

#### *Updating Teaching for Digital Learning*

Are you interested in digital learning? Would you like to explore the latest digital technologies and

- **Expand teaching opportunities**
- **Earn credentials (cert. to MEd)**
- **Enhance K12 pedagogy**
- **Supports online/blended/  
technology enhanced learning**



<http://cde.athabascau.ca/bolt/>

[Home](#)

[Courses](#)

[Programs](#)

[Faculty & Staff](#)

### **Blended and Online Learning and Teaching (BOLT)**

#### ***Updating Teaching for Digital Learning***

Are you interested in digital learning? Would you like to explore the latest digital technologies and

- **1 credit/module:671,672,673=MDDE 621**
- **Busy times of the K-12 work year**
- **2 weeks early, 3 weeks synchronous**
- **2-3 times/week +1 week offline to complete assignments**

<http://cde.athabascau.ca/bolt/>



[Home](#)

[Courses](#)

[Programs](#)

[Faculty & Staff](#)

### **Blended and Online Learning and Teaching (BOLT)**

#### ***Updating Teaching for Digital Learning***

Are you interested in digital learning? Would you like to explore the latest digital technologies and

- **Weave theory/research for K-12**
  - **Apply learning & OER to teaching**
  - **Contribute to BOLT blog**
- And much more...**



<http://cde.athabascau.ca/bolt/>

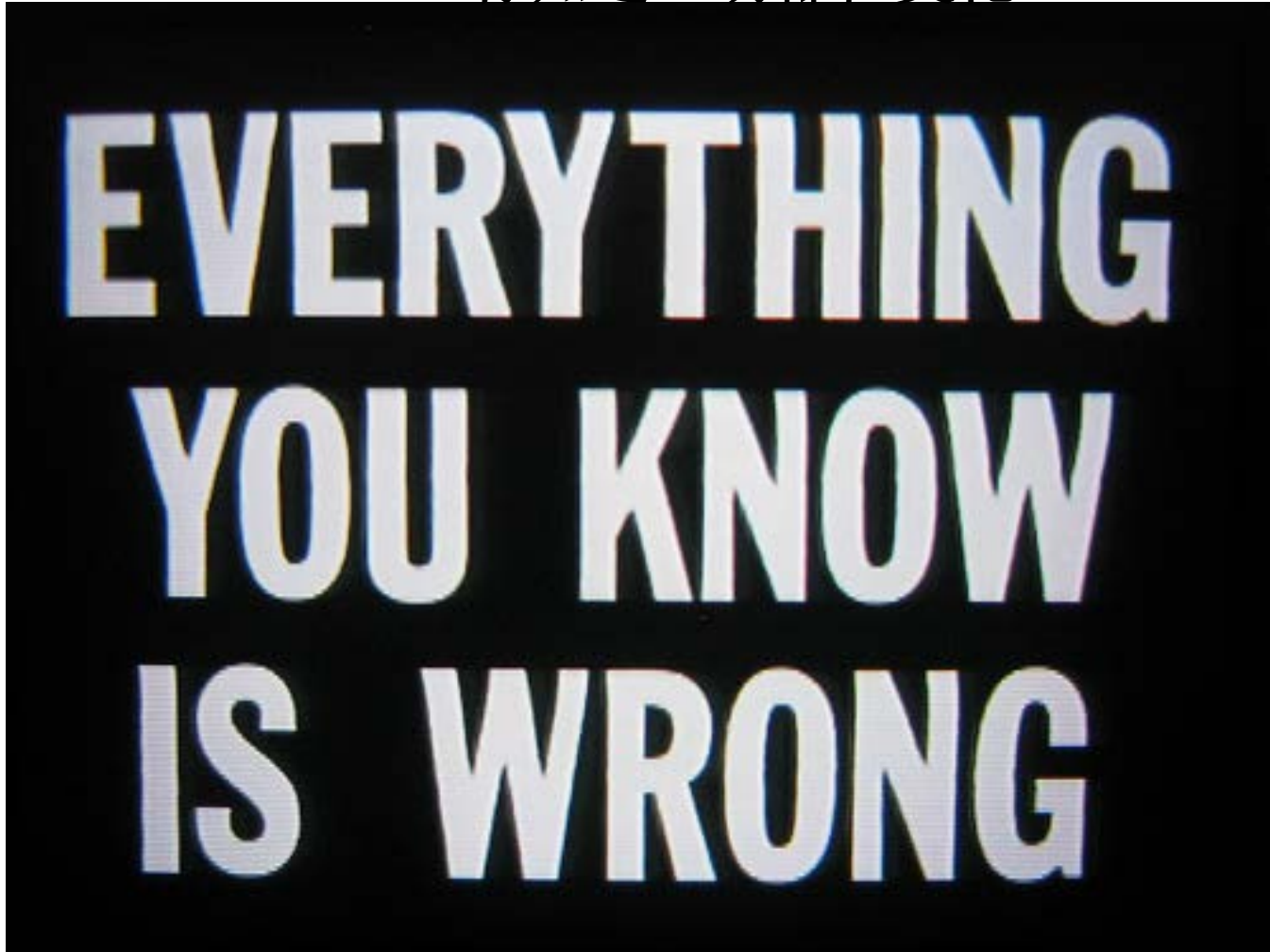




If you're not confused,  
you don't understand

“Every day, computers are making  
people easier to use”

你知道一切都在变化



< innovation always produces hostility among  
those who prosper in old paradigms >

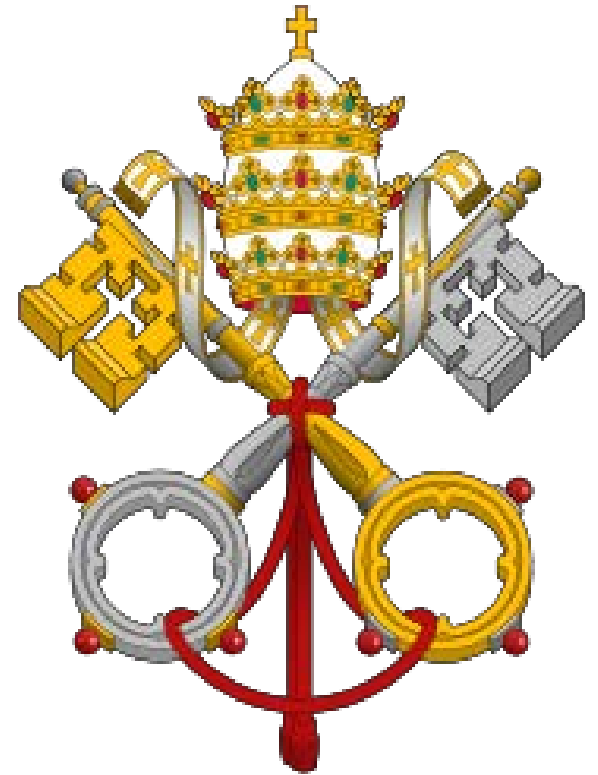


The restriction of the commons by patents, copyright, and databases [right] is not in the interests of society and unduly hampers scientific endeavour.

# Papal Encyclical

**“On the part of rich countries there is excessive zeal for protecting knowledge through an unduly rigid assertion of the right to intellectual property . . .”**

- Pope Benedict XVI



# Papal Encyclical

“On the part of rich countries there is excessive zeal for protecting knowledge with an unduly rigid assertion of intellectual property . . .”

- Pope Benedict XVI

God is on our side



