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# dScribe -

The University of Michigan's student-centric  
Open Educational Resource publication model

November 7, 2008

Community Information Corps Seminar

garin fons  
pieter kleymeer  
ted hanss  
joseph hardin



current landscape

dScribe publishing model

where we are now

future

# MIT OpenCourseWare

MIT OPEN COURSEWARE  
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

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繁體字 Português  
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Home

## Unlocking Knowledge, Empowering Minds.

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**Wendy Ermold**  
Self Learner  
United States

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---

**FEATURED COURSE**



Photo by Donna Coveney.

### 9.05 Neural Basis of Movement

Ann Graybiel has been named Institute Professor, the highest honor MIT can bestow on a member of the faculty. Graybiel's research has revolutionized scientists' understanding of the functional anatomy of the brain. You can learn more in Neural Basis of Movement, an introductory course on motor control and learning.

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**OCW**  
CONSORTIUM

# Recent Developments

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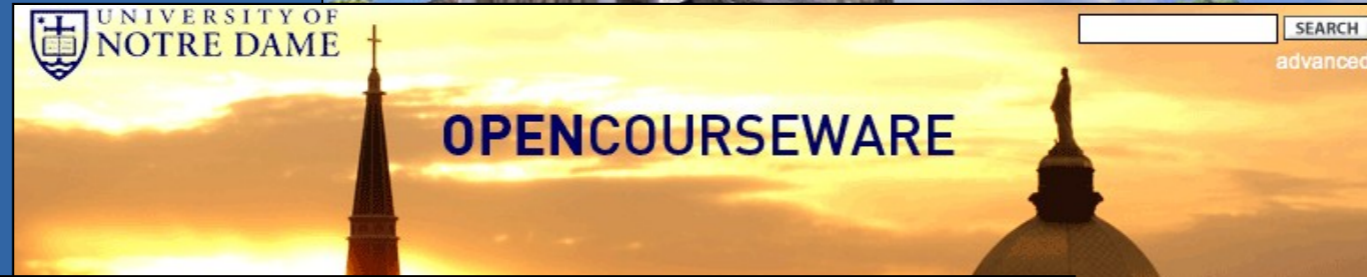
At 71, Physics Professor Is a Web Star [More Articles in Education >](#)



Prof. Walter H. G. Lewin, No. 1 on the most downloaded list at iTunes U for a while, w  
 By SARA RIMER  
 Published: December 19, 2007



# OCW Domestic



initely would like to go back to school at some point, but I'm not sure what subject to enterate on. OCW is going to **me make decisions about at to study** in the future." Benjamin Goff, a software tenance engineer at Robins Force Base in Georgia, USA ad\_more World Reaction...

## Open Yale courses

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- [English](#)
- [Philosophy](#)
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Yale University



Open Yale Courses provides free and open access to seven introductory courses taught by distinguished teachers and scholars at Yale University. The aim of the project is to expand access to educational materials for all who wish to learn.

Open Yale Courses reflects the values of a liberal arts education. Yale's philosophy of teaching and learning begins with the aim of training a broadly based, highly disciplined intellect without specifying in advance how that intellect will be used.

This approach goes beyond the acquisition of facts and concepts to cultivate skills and habits of rigorous, independent thought: the ability to analyze, to ask the next question, and to begin the search for an answer.

We hope these courses will be a resource for critical thinking, creative imagination, and intellectual exploration.

### Featured Course

[Introduction to Psychology with Professor Paul Bloom](#)

What do your dreams mean? Do men and women differ in the nature and intensity of their sexual desires? Can apes learn sign language? Why can't we tickle ourselves? This course tries to answer these questions and many others, providing a comprehensive overview of the scientific study of thought and behavior. It explores topics such as perception, communication, learning, memory, decision-making, religion, persuasion, love, lust, hunger, art, fiction, and dreams. We will look at how these aspects of the mind develop in children, how they differ across people, how they are wired-up in the brain, and how they break down due to illness and injury. [more >>](#)

login join

## Ware

## elcome!

you're wondering where to start, the list of departments on the left of this page, or go to the full [list of courses](#). We've also provided answers to several questions about Notre Dame OpenCourseWare in our [frequently Asked Questions](#).

you're wondering where to start, the list of departments on the left of this page, or go to the full [list of courses](#). We've also provided answers to several questions about USU OCW in our [FAQ](#).


# OCW International



CORE 中国开放教育资源协会  
China Open Resources For Education 零距离接触世界一流高校课堂 English Version  
2008年2月18日 星期一 用户名 密码 登录 注册 忘记密码 搜索: GO  
首页 | 关于协会 | 开放课程 | 开源工具 | 精选资源 | 会员 | 论坛 | 常见问题 | 我的CORE



KOREA UNIVERSITY OpenCourseWare



UT OpenCourseWare THE UNIVERSITY OF TOKYO English >>



UDEM OpenCourseWare



inicio courses help about ocw feedback

Catálogo de Cursos  
Cursos de Posgrado  
Cursos de Profesional

## UDEM OpenCourseWare

### Bienvenido

La Universidad de Monterrey reconoce que su función como institución educativa se cumple en la formación de hombres con actitud de auténtico servicio a la comunidad y está comprometida a entregar lo mejor y compartir sus conocimientos para la construcción de una mejor sociedad.

A través del proyecto OCW Consortium, la UDEM pone a disposición de profesores y estudiantes de cualquier parte del mundo una colección de cursos por internet de libre acceso, con contenidos que forman parte de los programas de estudios superiores que ofrece la universidad. De esta manera, la UDEM espera contribuir con la responsabilidad global de educar y servir a la comunidad.

### Visite nuestros cursos

Consulte nuestra [Oferta de Cursos](#) disponibles. Si tiene alguna duda acerca de los OCW, lo invitamos a visitar nuestra sección de [Preguntas Frecuentes](#).

Nos interesa saber su opinión acerca de nuestro sitio, escribanos con sus [Comentarios](#).



講義資料を無償で公開するWebサイトです。



MIMA Search マニュアル →

MIMA Search とは、UT OCW、MIT OCWに公開されている各授業のシラバスの関係を構造的に見ることができる検索システムです。MIMA Searchは、シラバスに含まれている各種の情報を



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MIMA Search マニュアル →

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# OCW Consortium

**OPEN**COURSEWARE  
CONSORTIUM

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

 **OCWC CONFERENCE CHINA**  
APRIL 24-27, 2008 >>

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**USE**

Find Course Materials

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Share Your University's Courses

**SUPPORT**

Support the OCW Movement



OPEN SHARING, GLOBAL BENEFITS

## NEWS

Wed 06 Feb 2008 // United Nations University launches OpenCourseWare Portal

[UNESCO](#)



# why do this?

benefits to various groups:

- students

- faculty

- alumni

- self learners

- universities

can benefit all these people simultaneously

- others throughout the world

# how to do this?

## staff-centric approach

- based on MIT OCW publication model
  - 25 - 30 staff
  - ~\$2 million per year

## challenges:

- cost
- scale
- access to faculty
- refresh rate

how else can we do this?

current landscape

dScribe publishing model

where we are now

future

# a new model of OER publishing

## goals:

- scalability
- sustainability
- participation

## approach:

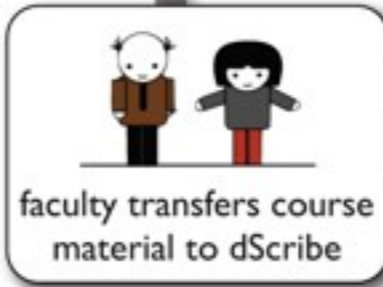
- automate and simplify a complex process
- leverage capacity of institutional technologies and talents

# “dScribes”

## digital Scribes

- motivated students
- organize, clear, tag course materials
- familiar with technology
- learn about intellectual property & copyright
- engage with content in new ways

# dScribe Publishing Process



## roles



dScribe

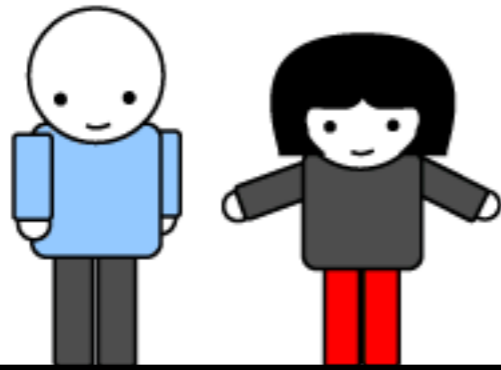


dScribe 2



instructor

# dScribe cast of characters



dScribe



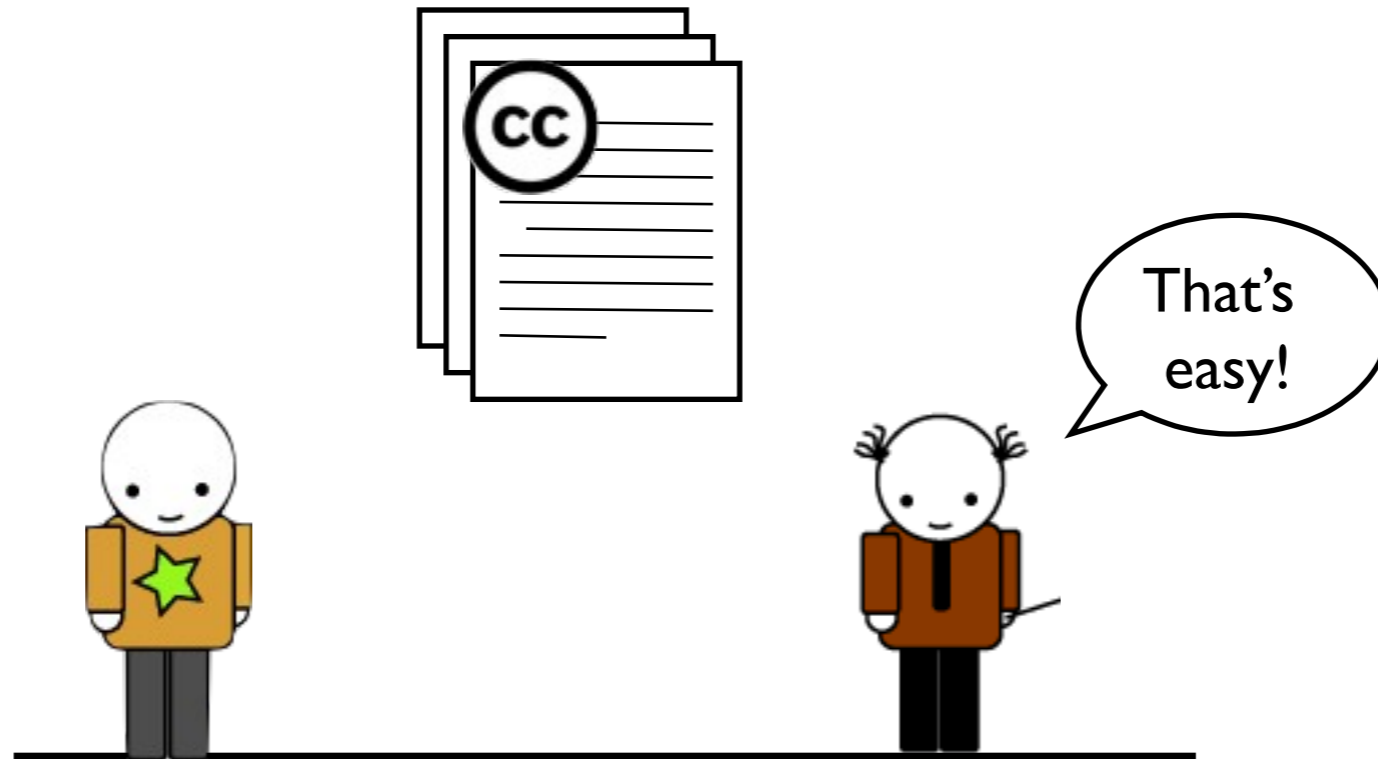
Faculty



dScribe2

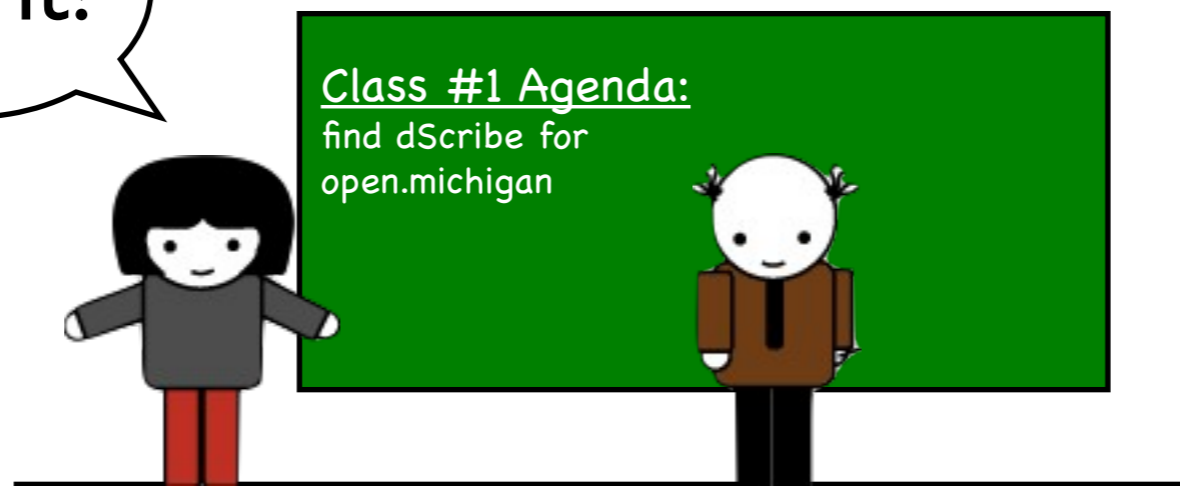


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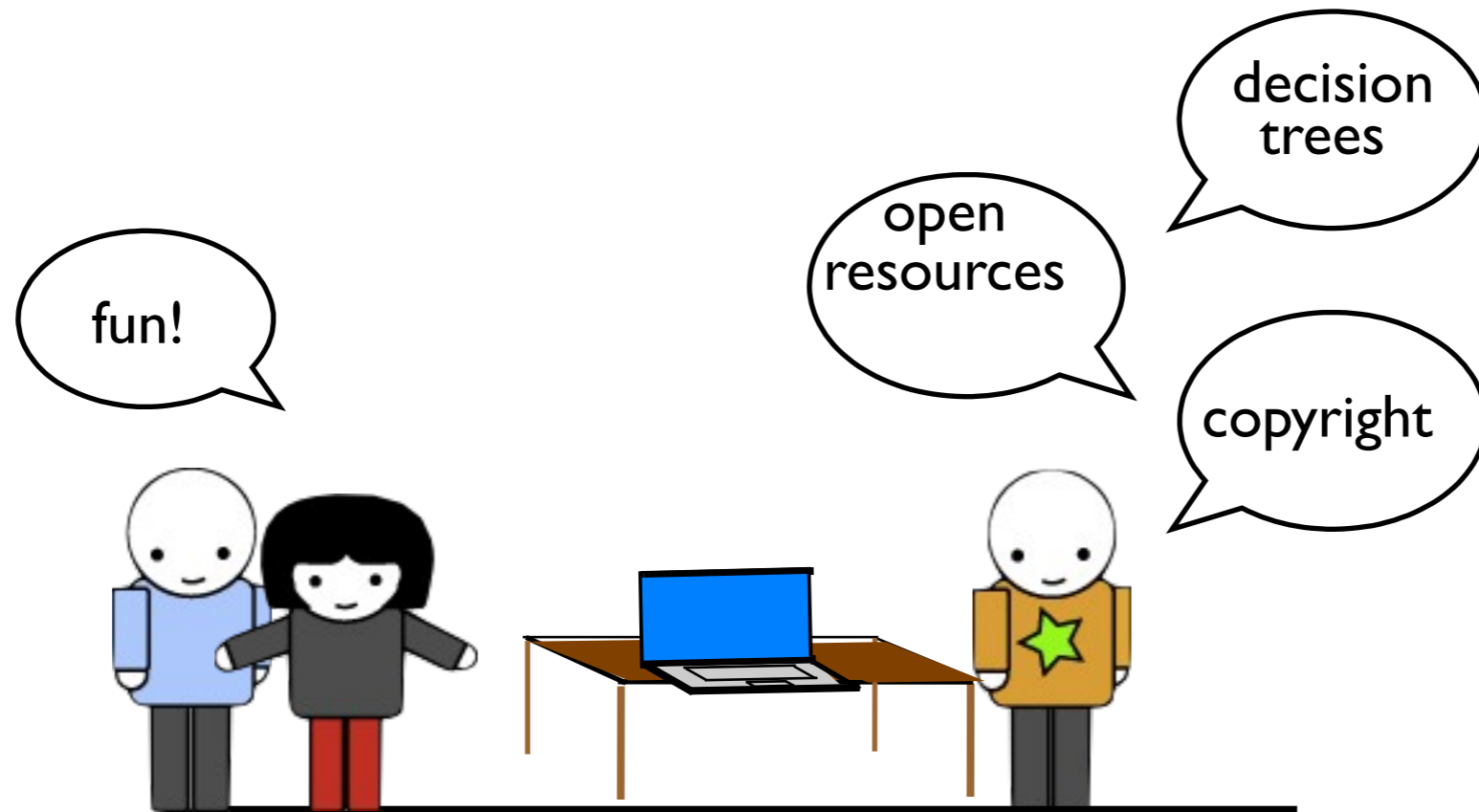


# select a dScribe

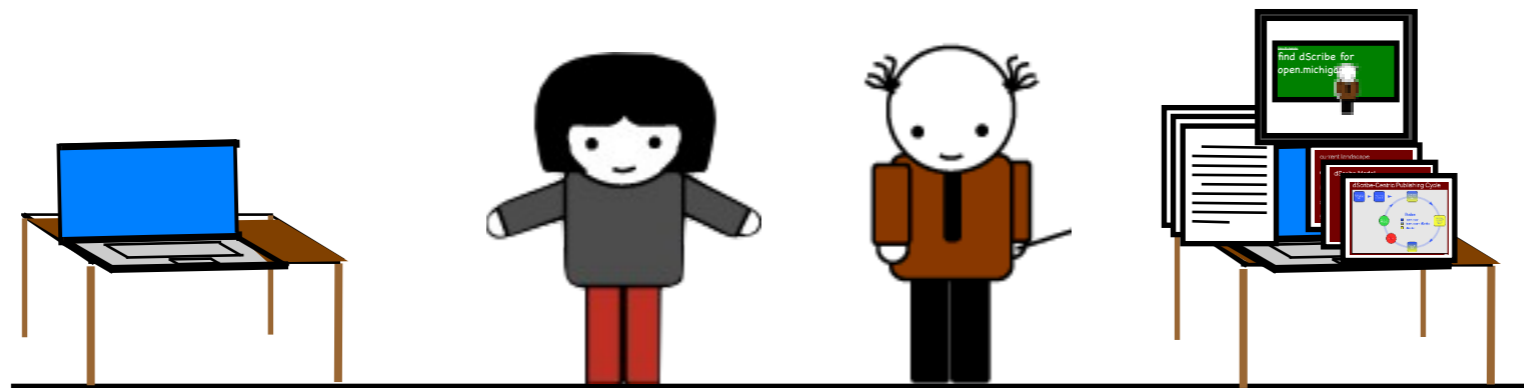
I'll do it!



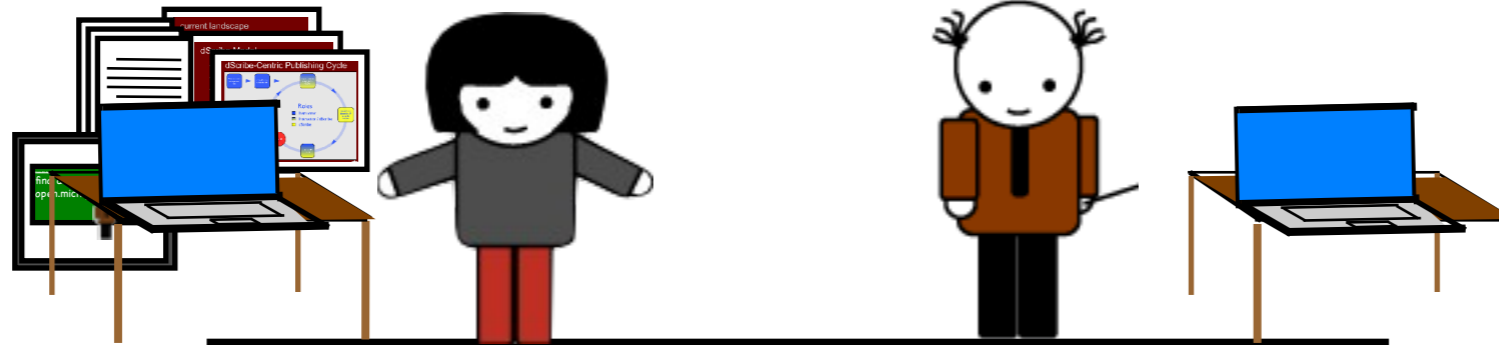
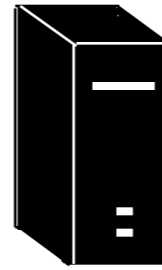
# dScribe training course



# transfer material

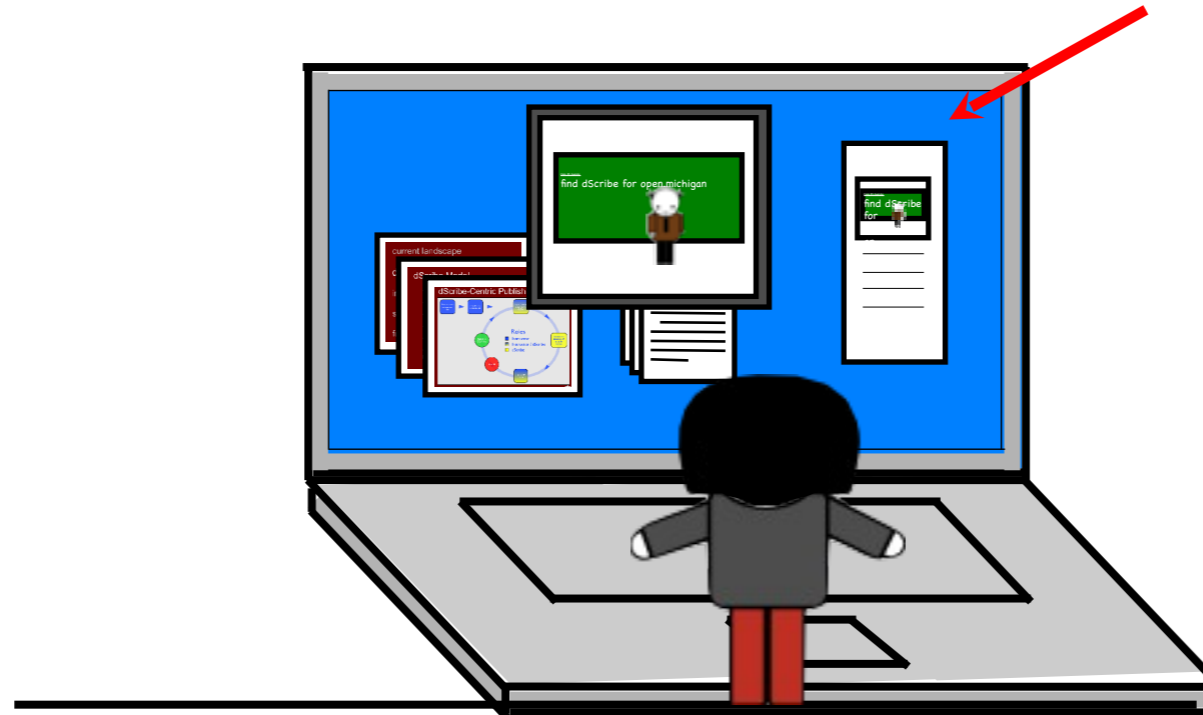


# upload material



vet material

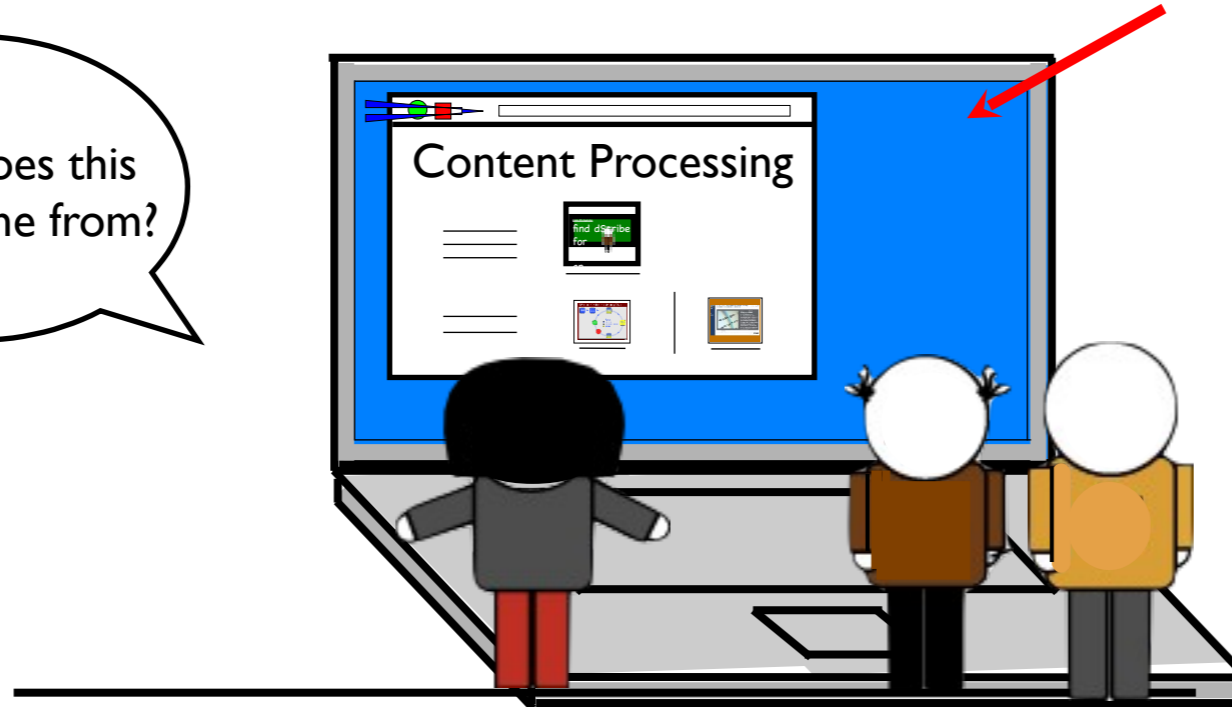
OERca:  
Content & Decision  
Management Software



# review material

OERca:  
Content & Decision  
Management Software

Where does this  
image come from?

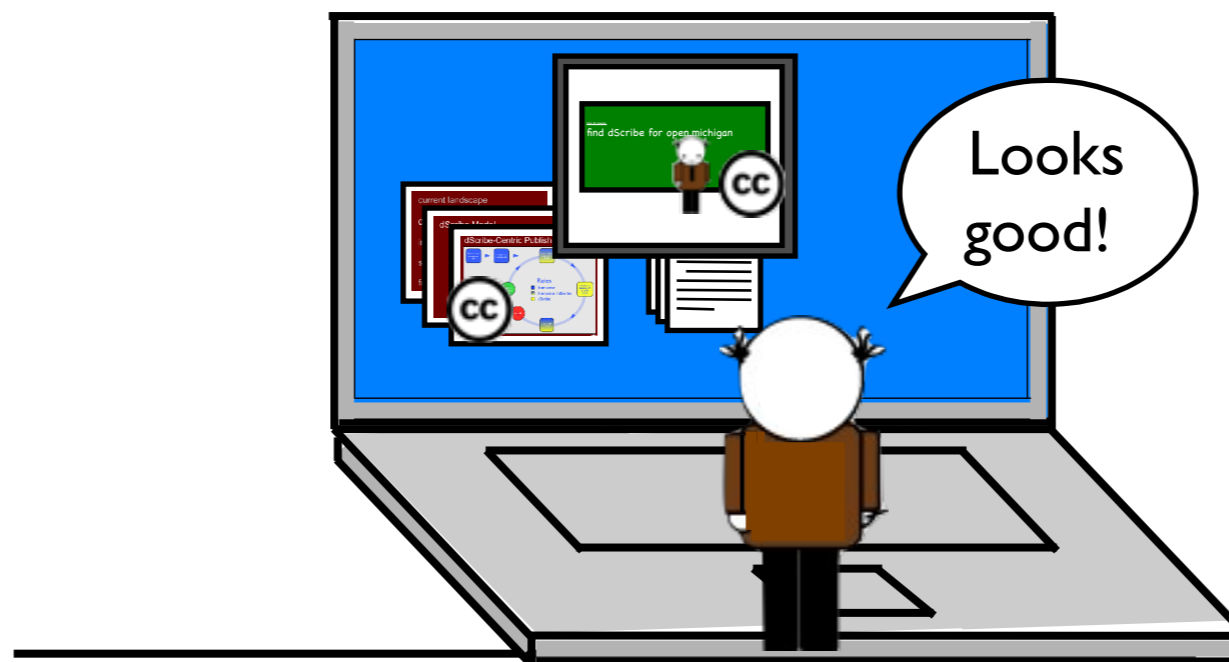


edit material

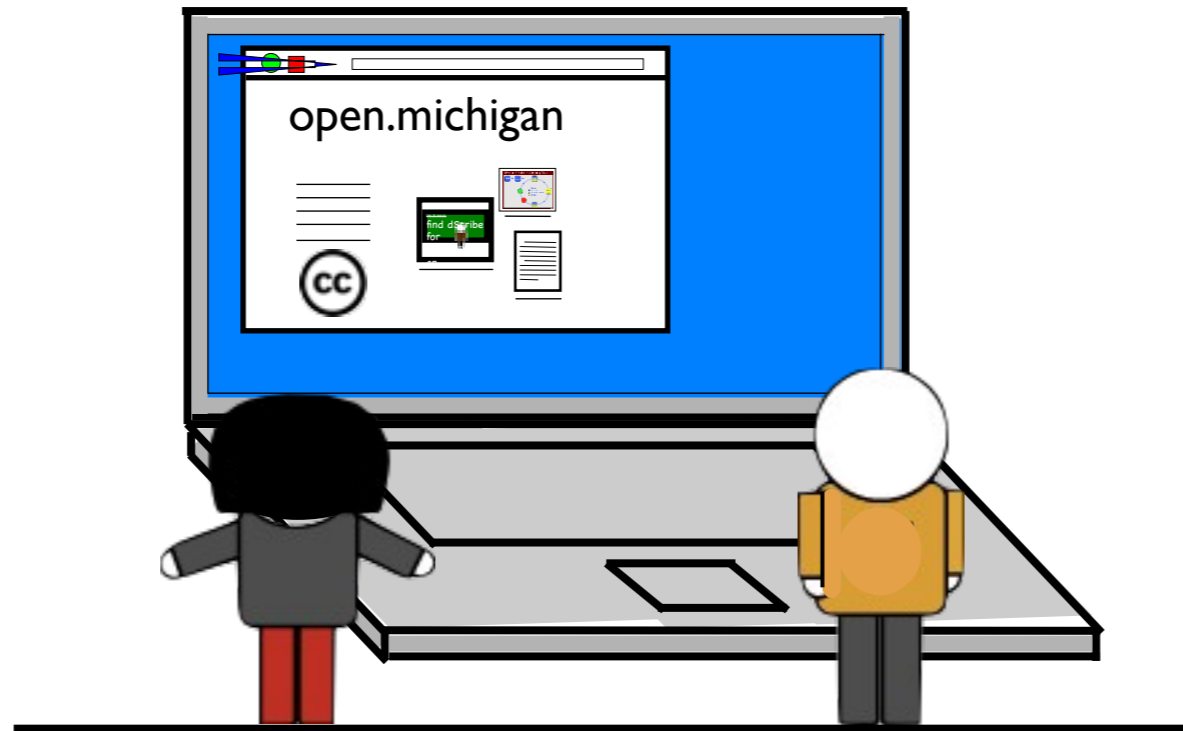




# final review



# publication



# dScribe publication model

benefits to students:

- master course content
- learn about copyright in digital era
- establish unique connection w/ faculty
- get course credit
- get paid

# dScribe publication model

benefits to faculty:

- students in course know best!
- establishing unique connection w/ students
- quality assurance of materials

# dScribe publication model

how is michigan different?

- process
- file formats
- co-collaboration of material
- web 2.0
- outcomes, curriculum, career
  
- more than just Open CourseWare

current landscape

dScribe publishing model

where we are now

future

# Where we are now

## dScribe sessions



BY: Timothy Vollmer



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# Where we are now

## OER publication

open.michigan

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**M** UNIVERSITY OF MICHIGAN

### M2 Thyroid Lecture Series

Robert Lash, MD

February 28, 2007

- Lecture 1: Regulation of Thyroid Function
- Goals/Objectives
  - Understand the regulation of thyroid hormone
  - Understand the structure and function of the thyroid follicle
  - Understand how thyroid hormone affects metabolism

## Endemic Goiter



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BY: Hoosh

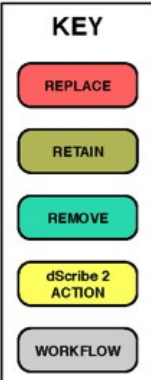
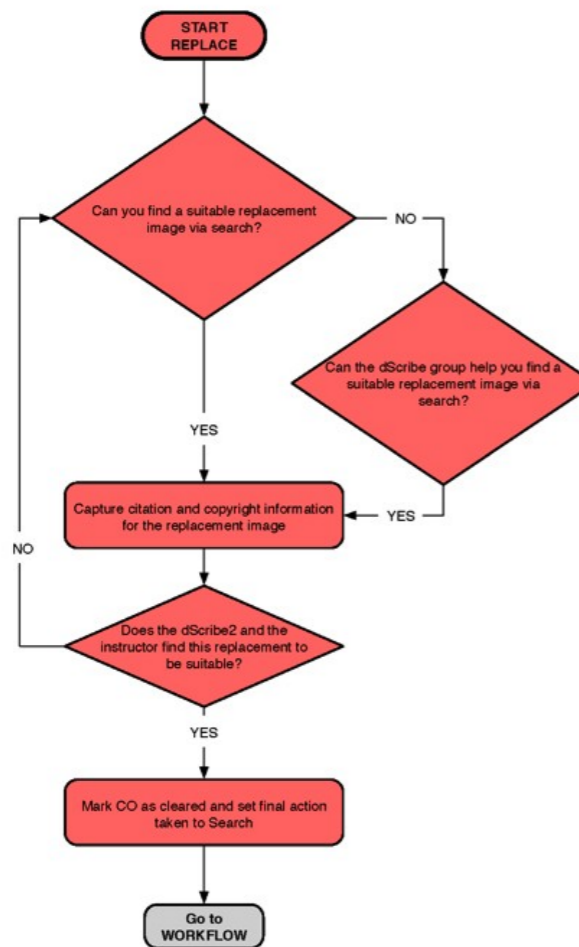


# Where we are now

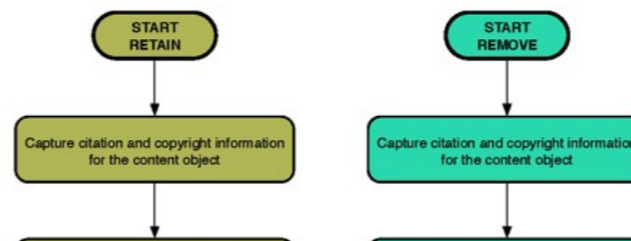
## software and system development

The screenshot displays the OER.ca website interface. At the top left is the OER.ca logo. Below it are navigation links: Home, Manage Courses, and Manage dScribes. On the right side, there is a user greeting: Welcome garin (dscribe2) | Help/FAQ | Logout. Below the navigation is a breadcrumb trail: Courses » 539 Design of Complex Websites » SI539\_Wk01\_First\_Day. To the right of the breadcrumb are links for Add Content Objects, ASK Forms, and Download all Replacement COs. A dropdown menu for 'View Content Objects (21):' is set to 'All (21)'. The main content area features a grid of ten content objects, each with a thumbnail and a control bar. The objects include: 1. A 'powered by Google App Engine' logo (4, 15, No context, Edit). 2. A YouTube video thumbnail titled 'Dr. Chuck Goes Vintage Motorcycles Racing' (6, View context, Edit). 3. A Twitter post from 'drchuck' about 'Preparing for S182. Almost done.' (6, View context, Edit). 4. A grid of small image thumbnails (6, View context, Edit). 5. A world map with location pins (7, View context, Edit). 6. The IMS logo (7, View context, Edit). 7. The Sakai logo (7, View context, Edit). 8. A person holding a trophy (7, View context, Edit). 9. A blue and white cat mascot in front of a 'Tilburg' sign (7, View context, Edit). 10. The cover of the book 'High Performance Computing' by O'Reilly (7, View context, Edit). A vertical scrollbar is visible on the right side of the page.

# Where we are now policy development



**Health OER: dScribe Content Clearing Decision Tree**



## Recommended Action Decision (RAD) Tree Navigator

Link back to [Open.Michigan wiki](#)



**2.** Does the CO contain a word, logo, slogan, or product shape ("trademark") that identifies a particular company, product, organization, or person? (As examples, the word "Raytheon," the logo of the NBC peacock, the slogan "Can You Hear Me Now?," and the product design of the iPod.)

No

**8.** Does the CO contain the face (or profile of a face) or name or voice that you recognize as a famous individual (a celebrity such as Elvis, a newsmaker such as Barack Obama, a famous scientist such as Einstein)?

No

**16.** Does the CO contain information indicating that it is in the public domain?

No

**18.** Was the CO created by the instructor?

No

**20.** Does the CO appear to be created by other UM faculty, staff or students?

Yes

**21.** Does UM OER have permission to publish this CO?

Yes

**31.** From the information (image, voice, name, facts, etc.) included in the CO, in its context, can you identify a particular individual?

No

**39.** Recommend an action: Retain

\* If yes to 16: [Retain: Public Domain] (CO is in the public domain)

\* If yes to 18 or 21: [Retain: Permission] (OER has permission to use CO)

\* If yes to 24: [Retain: Copyright Analysis] (CO may not be protected under copyright law)

# Where we are now

website, wiki, content delivery sites

open.michigan Connecting the global learning community

home about community education projects contact

Open.Michigan: a University of Michigan initiative for sharing resources, and research

U-M community | School of Education | School of Health, Behavior & Society | School of Journalism & Mass Communication | School of Library Studies | School of Music | School of Public Health | School of Social Work | School of Theology | School of Transportation, Infrastructure & Logistics | School of Urban Planning & Design | School of Writing & Language Acquisition | The William and Flora Hewlett Foundation

THE WILLIAM AND FLORA HEWLETT FOUNDATION

The William and Flora Hewlett Foundation is grateful to begin our work with Open.Michigan.

open.news Read the official press release

dScribe Opportunities for students & faculty

UNIVERSITY OF MICHIGAN

U-M Gateway | Privacy and Terms of Use | Help/FAQ

help | search: [input] go

page discussion view source history

Main Page

welcome to the Open.Michigan wiki!

This is a space for documentation and ideas for the Open.Michigan initiative. Open.Michigan is about creating new ways for people to interact with courses, content and curriculum. It's about collaborating and contributing work that can then be used and remixed by the community.

The Open.Michigan site is a gateway to a wide spectrum of initiatives at the University of Michigan (U-M) and our collaborating institutions. With a common goal of opening resources for teaching, learning and research for use and enhancement by a global community, these projects increase the value of those resources to U-M and the world. Open.Michigan provides a clear view of the many places and ways U-M contributes to our world's knowledge and creates exemplary resources for education and research.

open.michigan

get involved:

- WIKI - Request an account by emailing open.michigan@umich.edu
- WEB - Open.Michigan site | Open.Education site
- CONTACT - open.michigan@umich.edu | chat channel #ow at http://irc.umich.edu
- BLOG - Open.Michigan blog
- SOCIAL NETWORKS - Facebook | Twitter | flickr
- DOWNLOADS - presentations, posters, and diagrams
- PROJECTS - casebook of dScribe examples | OER delivery platform

dScribing

The dScribe project is a student-centric open educational resource (OER) project that is building on an existing student-faculty relationship to gather, vet, and publish course materials on a central website. The dScribe project establishes a powerful new participatory paradigm for students in an active teaching and learning process. This process is being developed and adapted, and could offer institutions worldwide with a set of tools to sustain and enhance their own OER efforts.

for dScribes:

- current dScribe session information (fall 2008)
- dScribe Google calendar
- OERca (management tool)
- open content search
- resources
- past dScribe sessions

UNIVERSITY OF MICHIGAN

home courses/sequences about help feedback technical requirements

Search Site [input] Search

only in current section

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You are here: Home

Education

Welcome to Open.Michigan - Education

Image: The Tree of Life, by Gustav Klimpt

This is the Open Educational Resource (OER) repository of the Open.Michigan initiative. We share with you an initial sampling of University of Michigan course materials, software tools, and student work. These resources are offered openly and freely for use and re-use, allowing you to explore, build and redistribute educational content.

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# Where we're going

## toward OPEN Culture:

- foster a culture of sharing and the expanded use of creative materials for a variety of purposes: art, music, education, etc.

## defining the 21st century education landscape

- promote students, teachers & self-learners as collaborators
- assess learning needs - co-creation of content

## scaling the dScribe model

- adapt model for use across University of Michigan

# What we're planning

- finish fall dScribe session and publish material
- gear up for Winter '09 dScribe sessions
- collaboration with other U-M Open initiatives
- adapt dScribe model to Health OER Africa
- tag materials with valuable metadata to assist in search, content creation, etc.

# What we're questioning

- tracking materials and measure use
- fair use in OER
- software and system development
- student and faculty incentives for participation
- scaling up

# How to get involved

- become a dScribe
- tell faculty about dScribe
- talk to faculty about citing lecture content
- tag photos on Flickr with CC licenses
- spread the word about Open.Michigan
- keep in touch



email:

[open.michigan@umich.edu](mailto:open.michigan@umich.edu)



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We were made  
BY: Ryan Junell

