

# OER MiniCourse



Stephen Downes

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# OER World Map



<http://oerworldmap.oerknowledgecloud.org/>

# Setting Up

- Wiki - <http://oerminicourse.wikidot.com/>
- Backchannel - <http://www.downes.ca/cgi-bin/cchat.cgi>

# What makes an OER

- Definition of an OER: “any type of educational materials that are in the public domain or introduced with an open license.”

<http://www.unesco.org/new/en/communication-and-information/access-to-knowledge/open-educational-resources/>

- Eg. OpenCourseWare (MIT) – [link](#)
- Eg. African Health OER Network – [link](#)
- Eg. Clean Water OER – [link](#)
- OER Toolkit: [http://wikieducator.org/UNESCO OER Toolkit Draft](http://wikieducator.org/UNESCO_OER_Toolkit_Draft)

# OER Content?

# What Content?

- 1) open courseware and content;
- 2) open software tools (e.g. learning management systems);
- 3) open material for e-learning capacity building of faculty staff;
- 4) repositories of learning objects; and
- 5) free educational courses

# Creating OERs

- Find
  - Flickr CC Search, Google CC Search
  - Wikimedia Commons - [http://commons.wikimedia.org/wiki/Main\\_Page](http://commons.wikimedia.org/wiki/Main_Page)
  - OER Commons - <http://www.oercommons.org/>
- Creating
  - Connexions - <http://cnx.org/>
  - free-form: Google Docs – <http://docs.google.com>

# The 'Classic' Model

- Objectives / Competences
- (Pre-test or warmup)
- Presentation of content
- Learning Activity
- Discussion / Reflection
- Evaluation or Assessment
- Reflection



# Learning Activities

- ds106 – Submit Project Ideas
  - <http://assignments.ds106.us/>
- OER Commons – Games
  - [http://www.oercommons.org/courses/material\\_types/games](http://www.oercommons.org/courses/material_types/games)
- Collaborative activities
  - <http://www.oerafrica.org/supportinglearners/Unit5/Collaborativelearningactivitiesforfacetoofac/tabid/1064/Default.aspx>

# OER Metadata (old)

- IMS / IEEE LOM
- Learning Design
- Common Cartridge
- Learning Tools Interoperability
- Interactive WhiteBoard/ Common File Format
- Learning Information Services
  - <http://www.imsglobal.org/cc/statuschart.cfm>

# OER Metadata (new)

- LRMI - <http://www.lrmi.net/> (videos)



Also: <http://creativecommons.org/tag/learning-resource-metadata-initiative>

# Your Metadata



# OER repositories

- need: method to find OERs in different subject areas
  - Britain - Joint Academic Coding System (JACS)  
[http://www.hesa.ac.uk/index.php?option=com\\_content&task=view&id=158&Itemid=233](http://www.hesa.ac.uk/index.php?option=com_content&task=view&id=158&Itemid=233)
  - UNESCO – ISCED - <http://www.uis.unesco.org/Education/Pages/international-standard-classification-of-education.aspx>
- Harvesting
  - OAI, Dlink
- **OpenAire** - The EPrints software and DSpace IR software) both have OpenAIRE-compliant plugins.



# Sustainability



# Sustainability Models for OERs

- Endowment – eg. Stanford Encyclopedia of Philosophy
- Membership – eg. Sakai
- Donations – eg. Wikipedia
- Conversion – eg. Suse, RedHat, Ubuntu
- Contributor Pay – eg. PLoS
- Sponsorship – eg. MIT iCampus Outreach Initiative (Microsoft)
- Institution / Government
- Partnerships and Exchanges

<http://www.downes.ca/post/33401>

# How to use an OER

- Stand-alone
- Course model
- MOOC model



# Content sharing from live events

- Recording – Audacity
- Broadcasting – Hangout, Livestream

Other topics as I think of them :)