MOOC and OERs

Stephen Downes

06 February 2013

Yesterday

A course about complexity…

Complexity Explorer
Portland State University, Santa Fe Institute, February 5, 2013

http://www.complexityexplorer.org/

Six Thousand Courses

http://myeducationpath.com/courses

http://www.mooc.ca/

CCK08

2300 students

Other Courses

1800 students
http://connect.downes.ca/

2800 students

http://change.mooc.ca/

3000 students
http://edfuture.net/

cMOOC vs xMOOC

networks   tasks   contents

https://www.ai-class.com/

http://ds106.us/history/

https://www.coursera.org/

http://lisahistory.net/wordpress/2012/08/three-kinds-of-moocs/
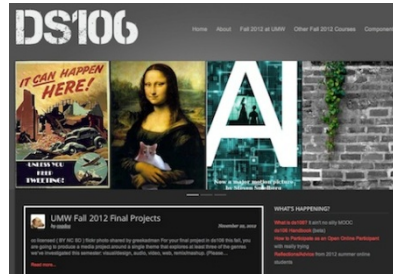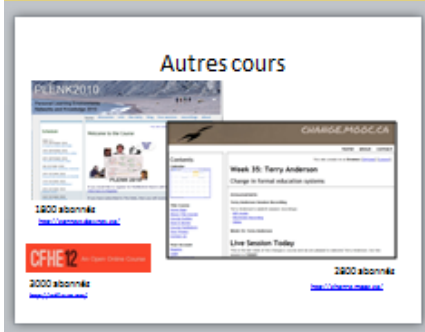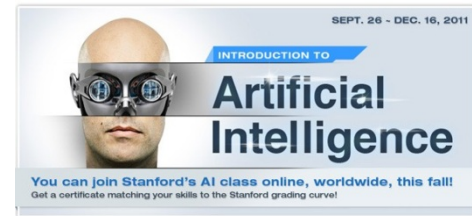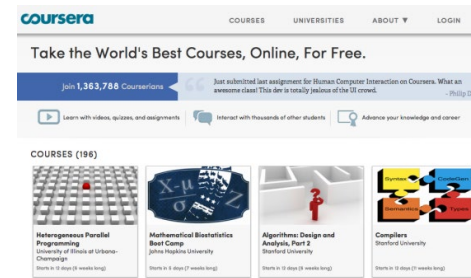
Connectivist MOOCs

How to Learn in a cMOOC

How to Create a cMOOC

- It's like creating a network
- Don't centralize
- Concentrate on the creation of links
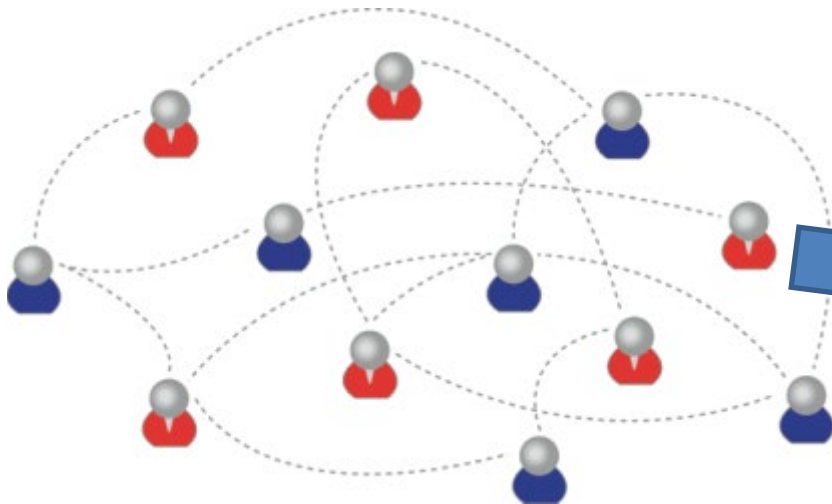
We use social networks…
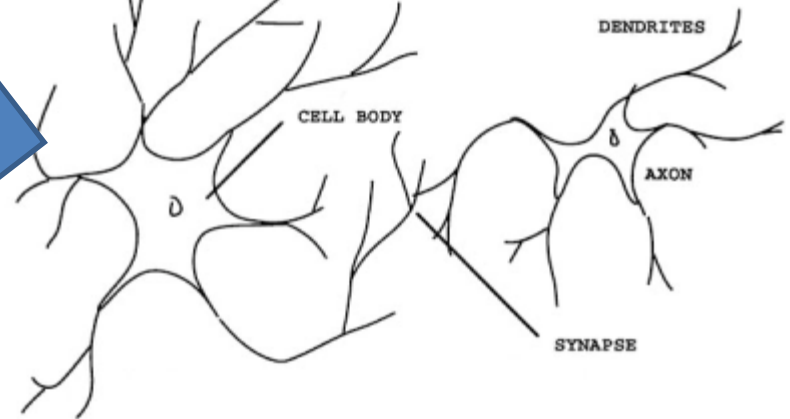
Figure 1. Biological Neuron

… to create personal knowledge

The Semantic Condition

- Autonomy, diversity, openness, interactivity
- These conditions are the conditions for a constructive dialogue…
- And are thus the design principles for a MOOC
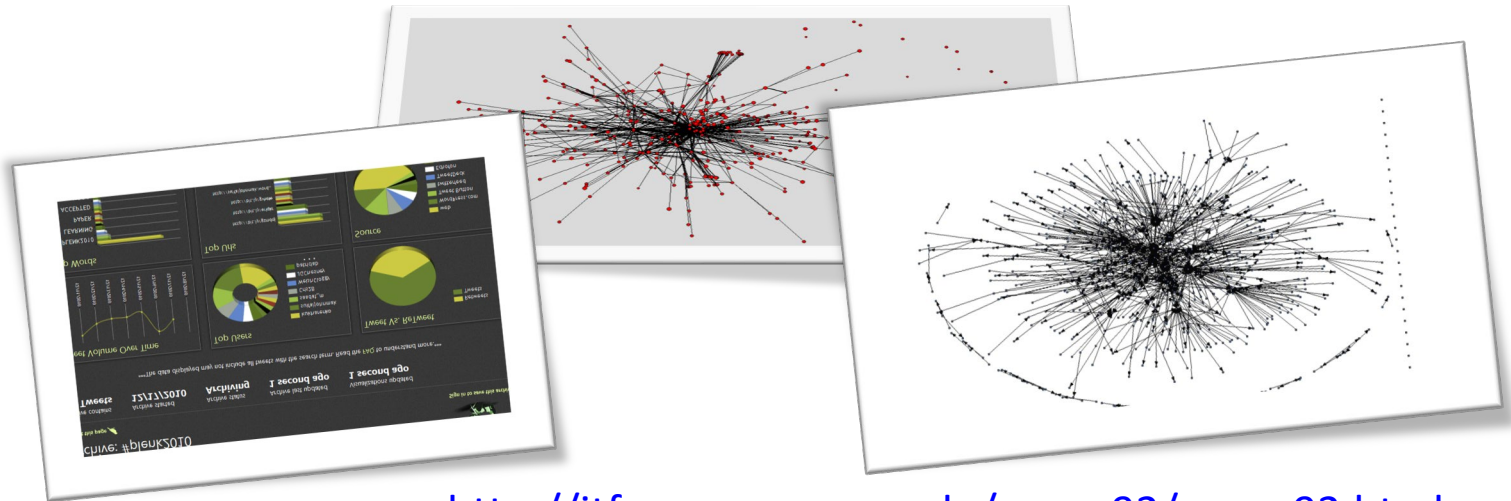
How to Evaluate Leanring

- Learning is not possession of a collection of facts, it's the expression of a capacity

- Learning is recognized by a community of experts in a network

CELL BODY

DENDRITES

AXON

SYNAPSE

Figure 1. Biological Neuron

analyse d'apprentissage

Nous reconnaissons nos connaissances…

…par comment nous utilisons un réseau social

Why Open Educational Resources?

Learning activities are essentially conversations

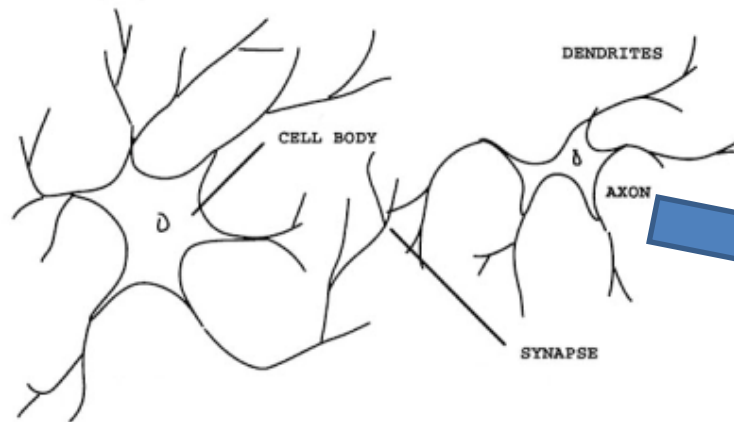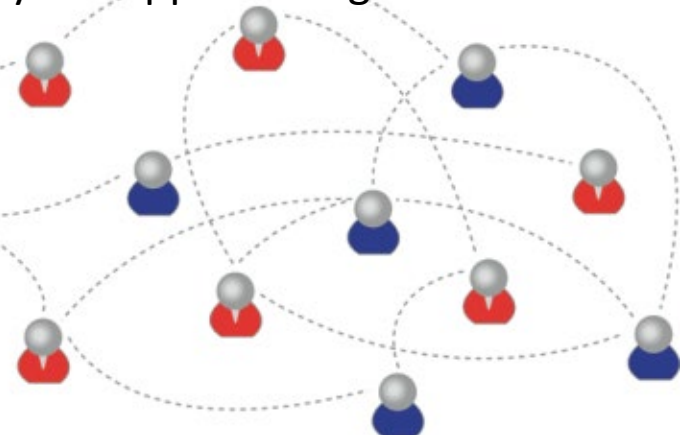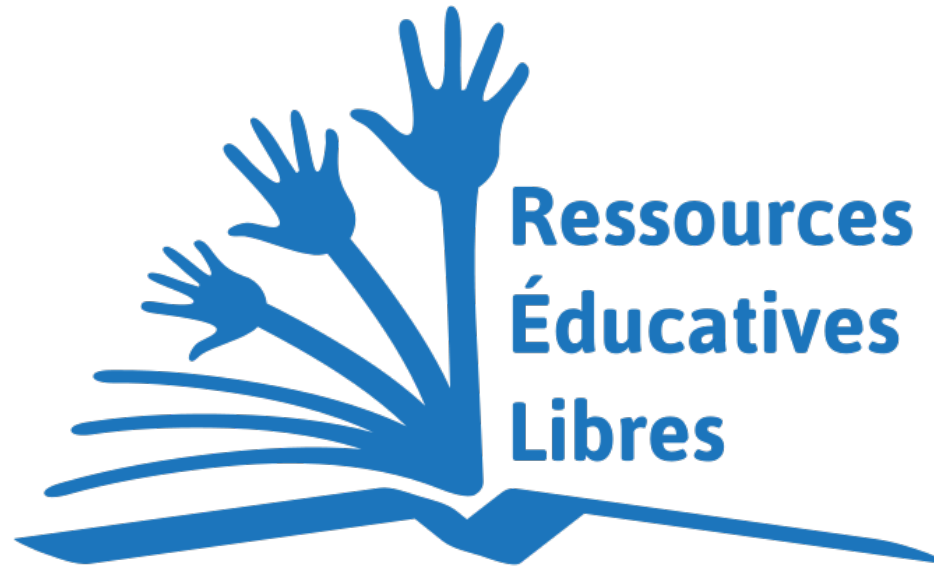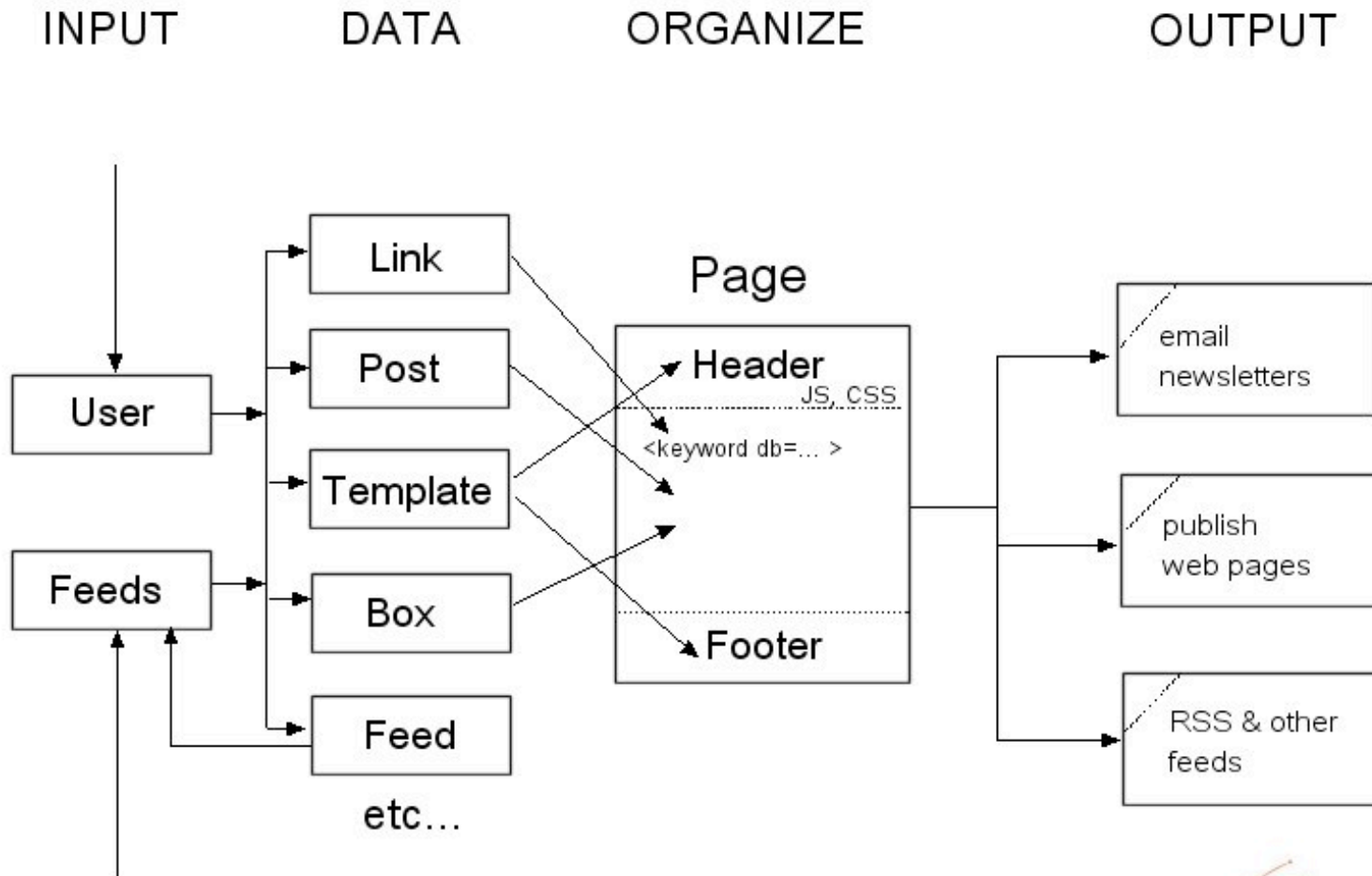OERs are the *words* used in those conversations

Aggregated Conversations

gRSShopper

INPUT   DATA   ORGANIZE   OUTPUT

User

Feeds

Link

Post

Template

Box

Feed

etc…

Page

Header

JS, CSS

<keyword db=… >

Footer

email newsletters

publish web pages

RSS & other feeds

http://grsshopper.downes.ca

http://www.downes.ca