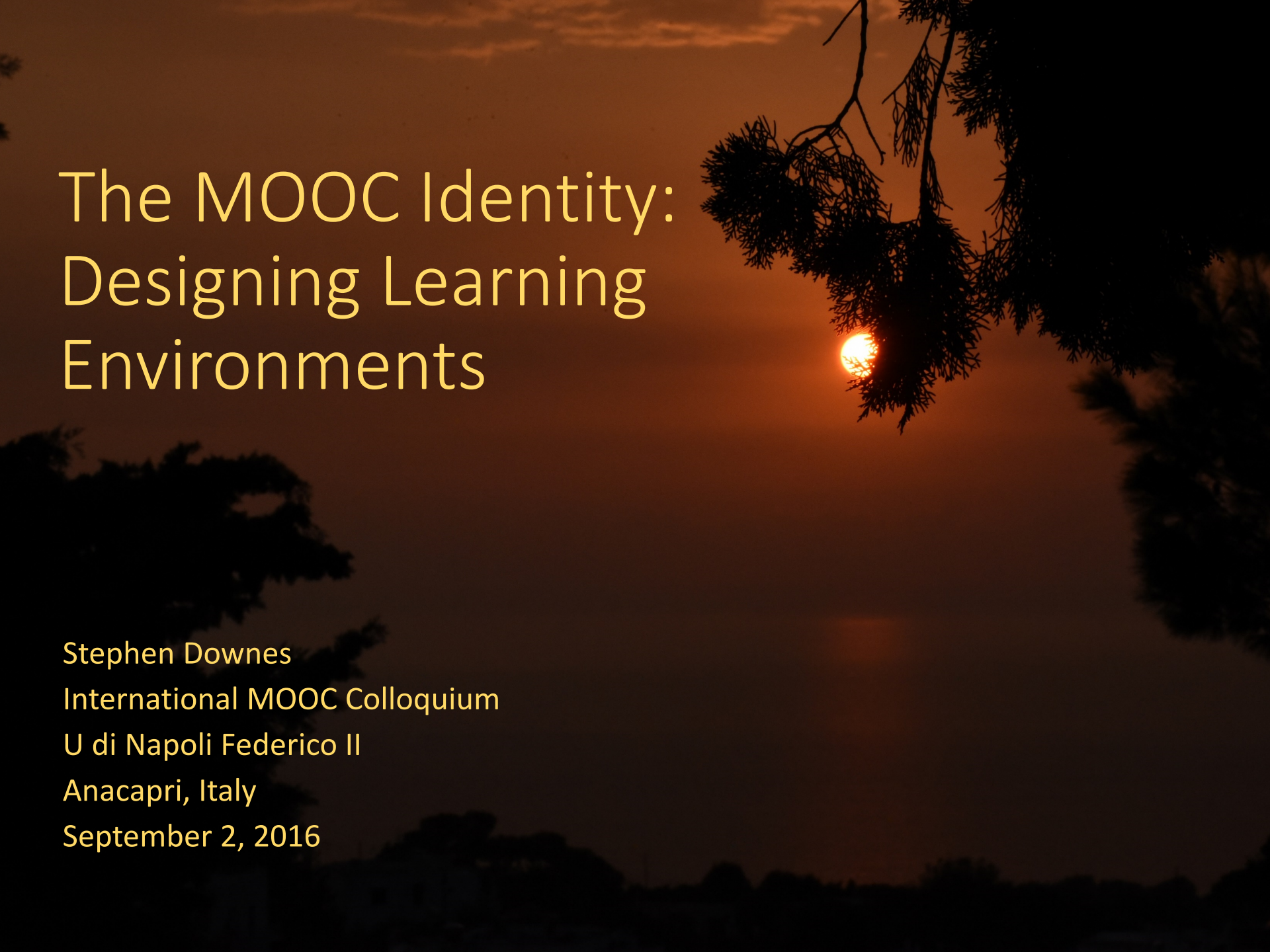


The MOOC Identity: Designing Learning Environments



Stephen Downes
International MOOC Colloquium
U di Napoli Federico II
Anacapri, Italy
September 2, 2016



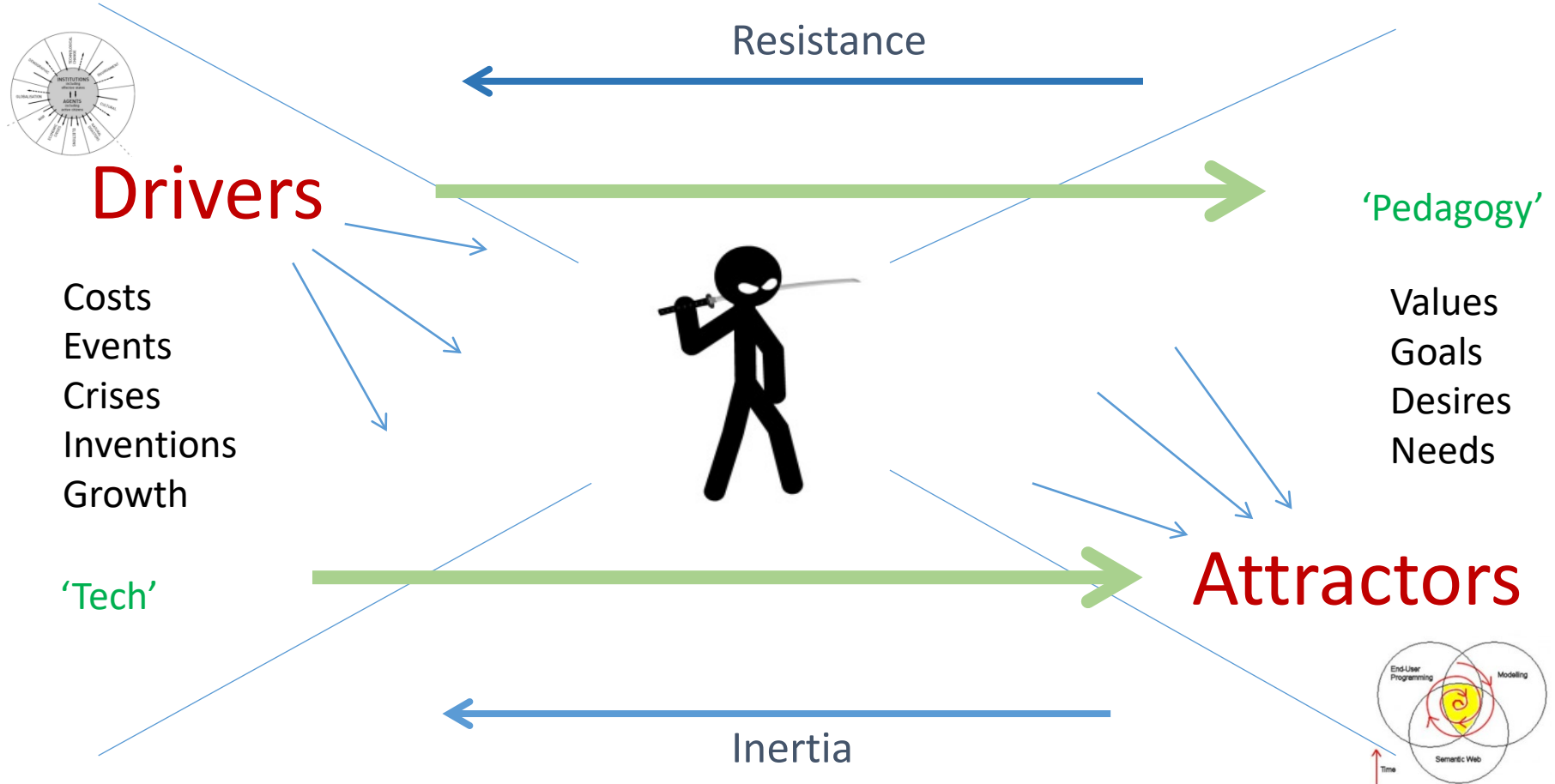
<https://www.theguardian.com/uk-news/2016/jan/03/like-a-beautiful-painting-image-of-new-years-mayhem-in-manchester-goes-viral>



https://twitter.com/hughesroland/status/682921993331720196/photo/1?ref_src=twsrc%5Etfw



Causes of Change



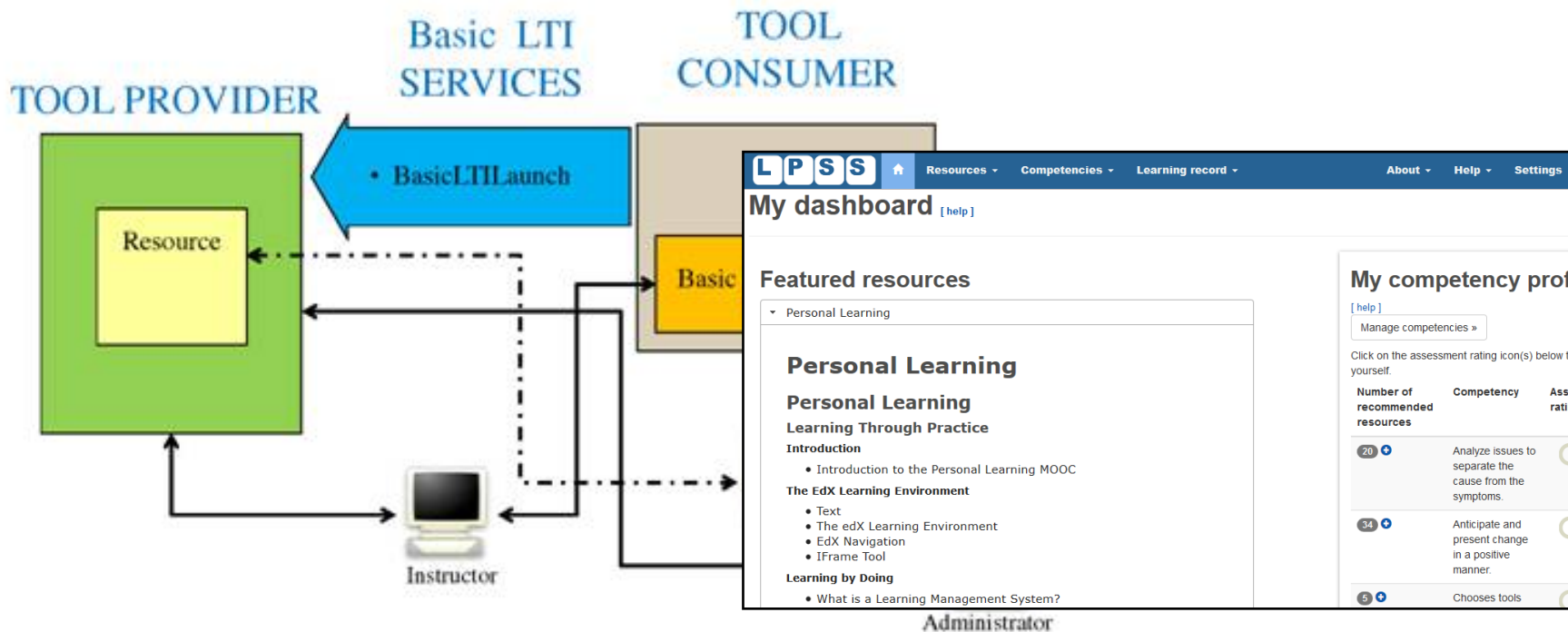
What is Innovation?

- Idea + Execution + Benefit
 - innovation is defined “as change that creates a new dimension of performance” - Peter Drucker
<http://en.wikipedia.org/wiki/Innovation>
 - “Innovation is then simply new technology, i.e. the systematic application of (new) knowledge to (new) resources to produce (new) goods or (new) services” - Maciej Soltynski at Innovation.cc

- <https://www.ideatovalue.com/inno/nickskillicorn/2016/03/innovation-15-experts-share-innovation-definition/>
- <http://www.freshconsulting.com/what-is-innovation/>

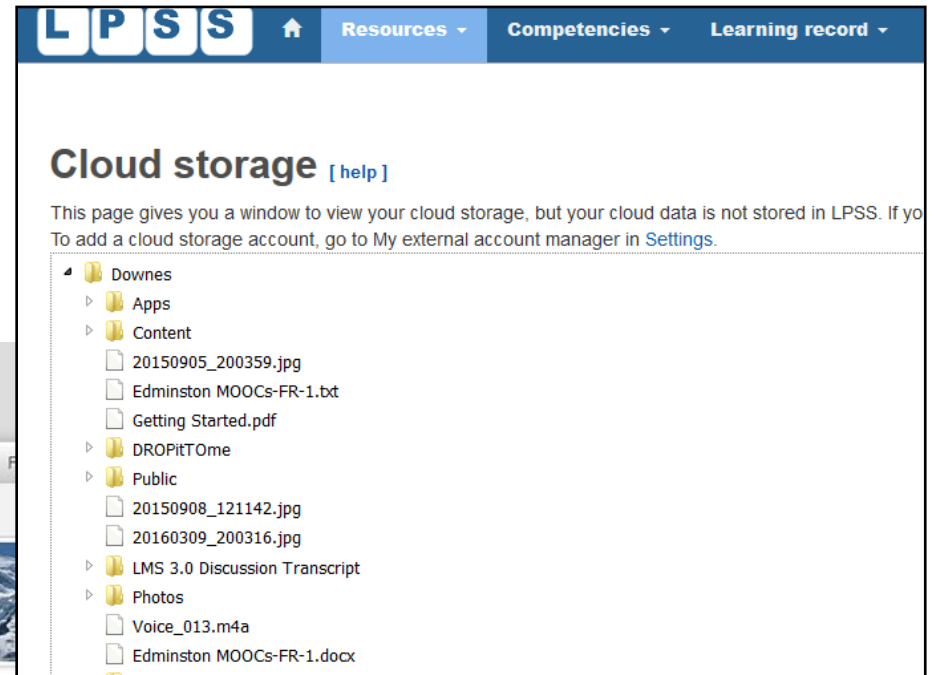
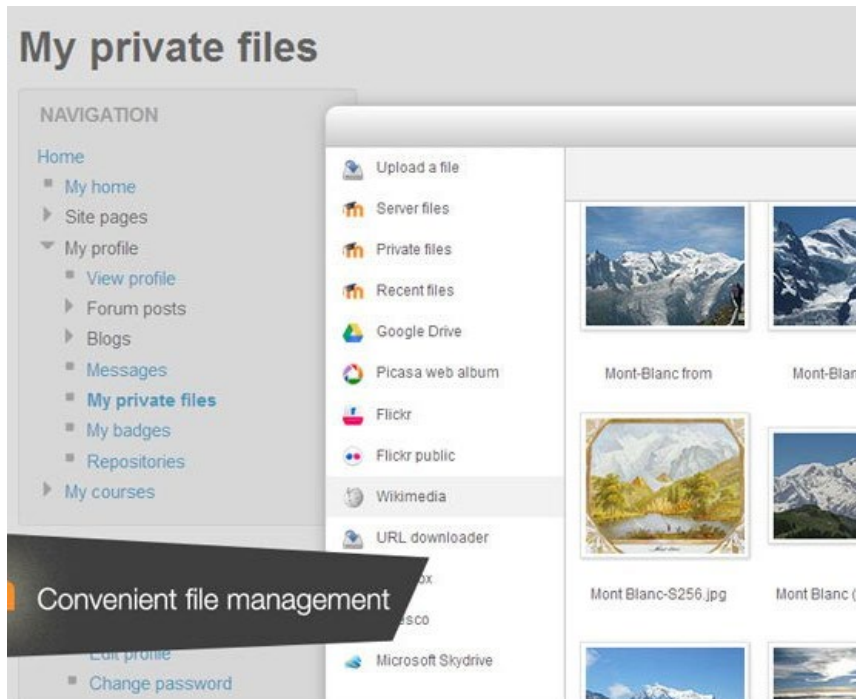
Learning Tools

- LTI Producer – provides features
- LTI Consumer – connects to features



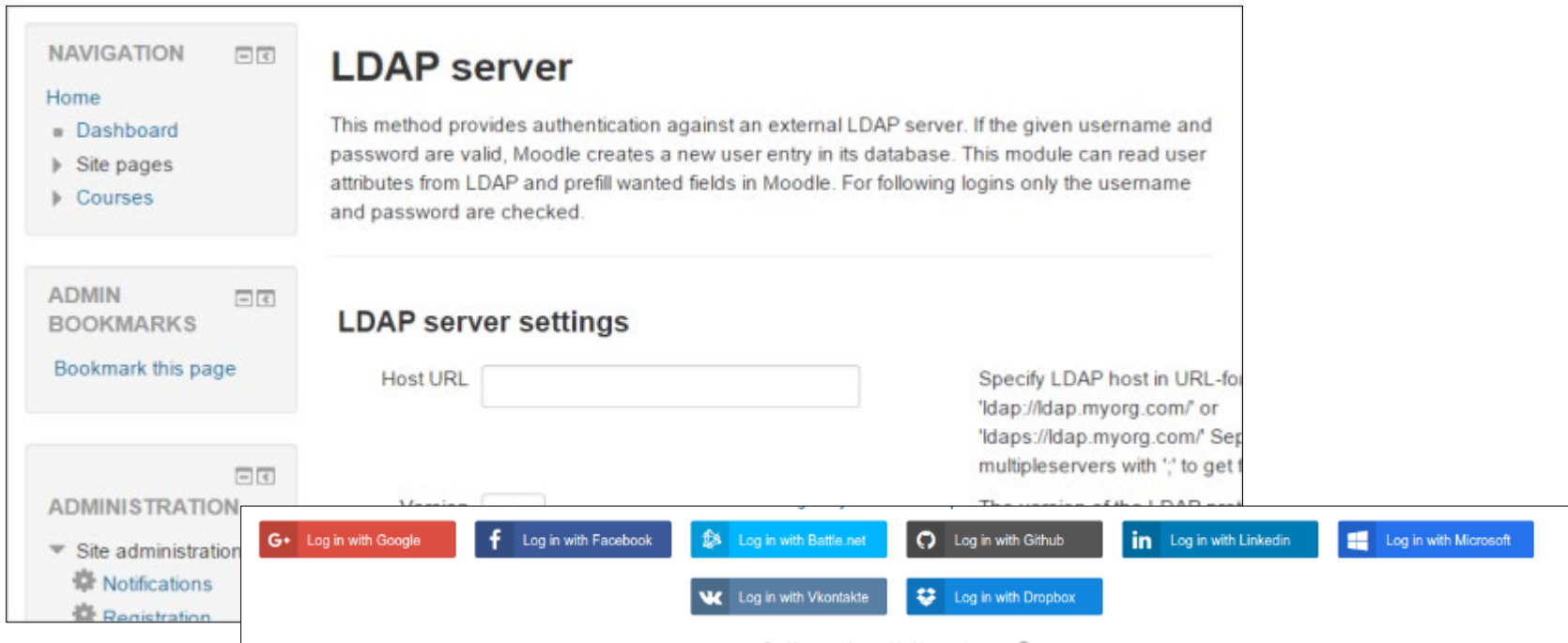
Cloud Storage

- Cloud hosting of MOOC
- File management



Authentication

- Basic Moodle Authentication / Moodle Network
- Authentication APIs / LDAP
- Social Network Authentication



The screenshot displays the Moodle 'LDAP server' configuration page. On the left, there are three sidebar menus: 'NAVIGATION' with links to Home, Dashboard, Site pages, and Courses; 'ADMIN BOOKMARKS' with a 'Bookmark this page' link; and 'ADMINISTRATION' with links to Site administration, Notifications, and Registration. The main content area is titled 'LDAP server' and includes a descriptive paragraph about authentication against an external LDAP server. Below this is the 'LDAP server settings' section, which features a 'Host URL' input field and a text box for specifying the LDAP host in URL format. At the bottom of the page, there is a row of social login buttons: 'Log in with Google', 'Log in with Facebook', 'Log in with Battle.net', 'Log in with Github', 'Log in with LinkedIn', 'Log in with Microsoft', 'Log in with Vkontakte', and 'Log in with Dropbox'.

NAVIGATION

- Home
- Dashboard
- Site pages
- Courses

ADMIN BOOKMARKS

- Bookmark this page

ADMINISTRATION

- Site administration
- Notifications
- Registration

LDAP server

This method provides authentication against an external LDAP server. If the given username and password are valid, Moodle creates a new user entry in its database. This module can read user attributes from LDAP and prefill wanted fields in Moodle. For following logins only the username and password are checked.

LDAP server settings

Host URL

Specify LDAP host in URL-format: 'ldap://ldap.myorg.com/' or 'ldaps://ldap.myorg.com/' Separate multiple servers with ',' to get the first one.

Log in with Google Log in with Facebook Log in with Battle.net Log in with Github Log in with LinkedIn Log in with Microsoft Log in with Vkontakte Log in with Dropbox

Outcomes and Competencies

[Home](#)
[Users](#)
[Fox McCloud](#)

[Learning plans](#)

Learning Plans

Active Draft Completed

Plan

First Year Medicine

My Personal Plan

Evidence of Prior Learning

Name	Summary	Linked competencies	Actions
RHCE	Redhat Certified Engineer v3 CERTV4_20150404.pdf www.redhat.com/verify/2324-234-2433-432-42	15	Edit v

Request learning plan approval

Status of review

L P S S

Resources Competencies Learning record

About Help Settings Logout

My dashboard

Featured resources

Recent recommended resources

My competency profile

Add evidence

Edit Delete Competencies

Learning Plans

[Home](#) > [Users](#) > [Fox McCloud](#) > [Learning Plans](#) > [First Year Medicine](#)

[Home](#)
[Users](#)
[Fox McCloud](#)

[Learning plans](#)

[review comments](#)

Learning Plan: First Year Medicine

Due date: 21/2/1993

Competency	Status	Proficient	Review status	Evidence	Actions
Can eat icecream	-	No	In progress	Course in progress: Ben and Jerrys BI	Edit v
Can cram for 24 hours	-	No		-	Edit v
Can party hard	Met	Yes		RCHE	Edit v
Can remove an appendix	Met	Yes		Course completed: Appendix removal APDX	Edit v

New badge

[Home](#) > [Site administration](#) > [Badges](#) > [Manage badges](#) > [New badge](#) > Completing a set of competencies

L P S S

[Resources](#) [Competencies](#) [Learning record](#)

Manage competencies

☒ Competency hierarchies
☒ Competencies

Searching...

Competency sources

competencies

and Change **ACELA1475** X

Images have different written and visual communication systems, different oral traditions and structuring meaning.

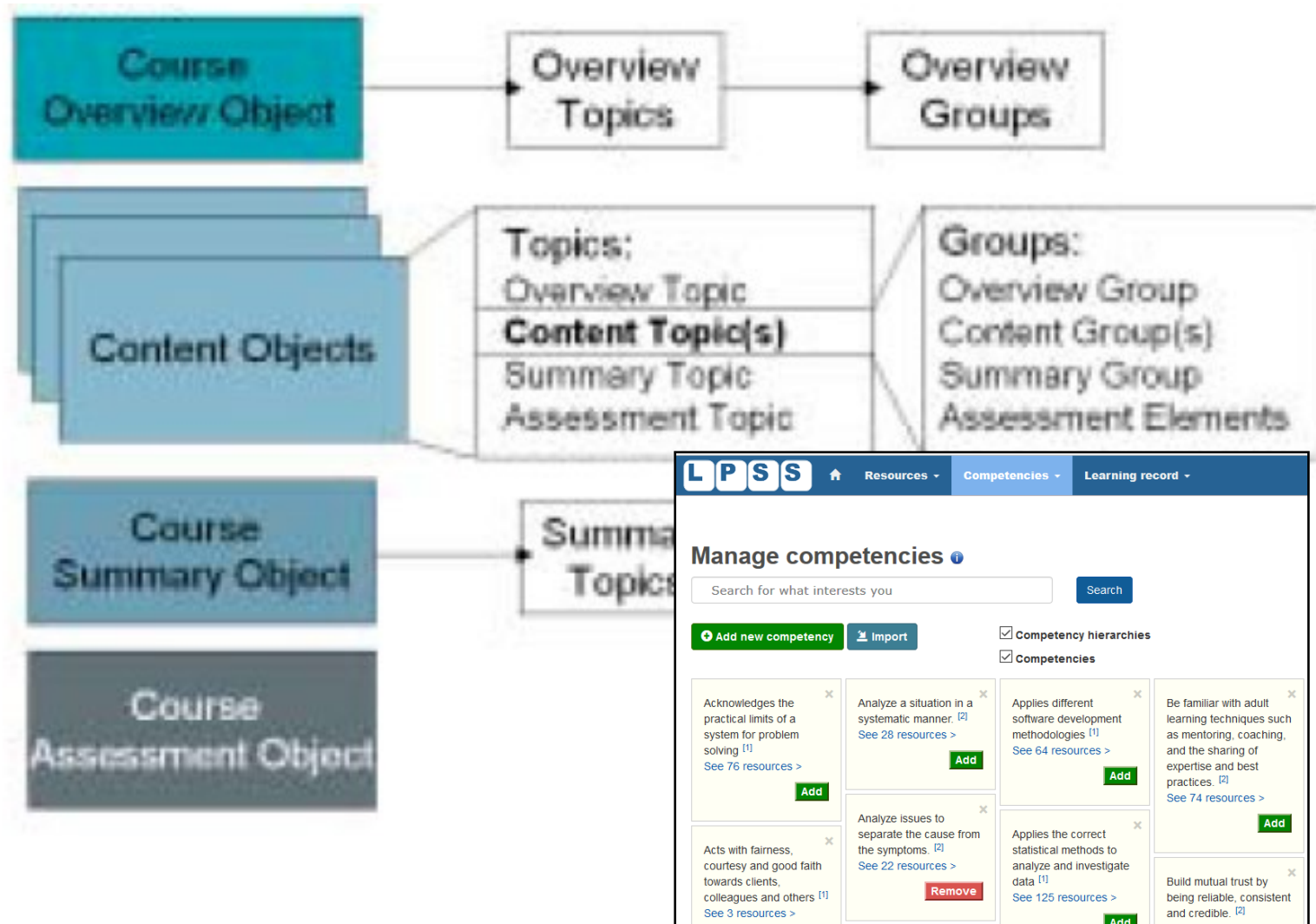
ction **ACELA1476** X

Successful cooperation with others depends on shared use of social conventions, including turn-taking of address that vary according to the degree of formality in social situations

Competencies must be complete by ☐ Enable

This criterion is complete when...

Learning Processes



Content and OER

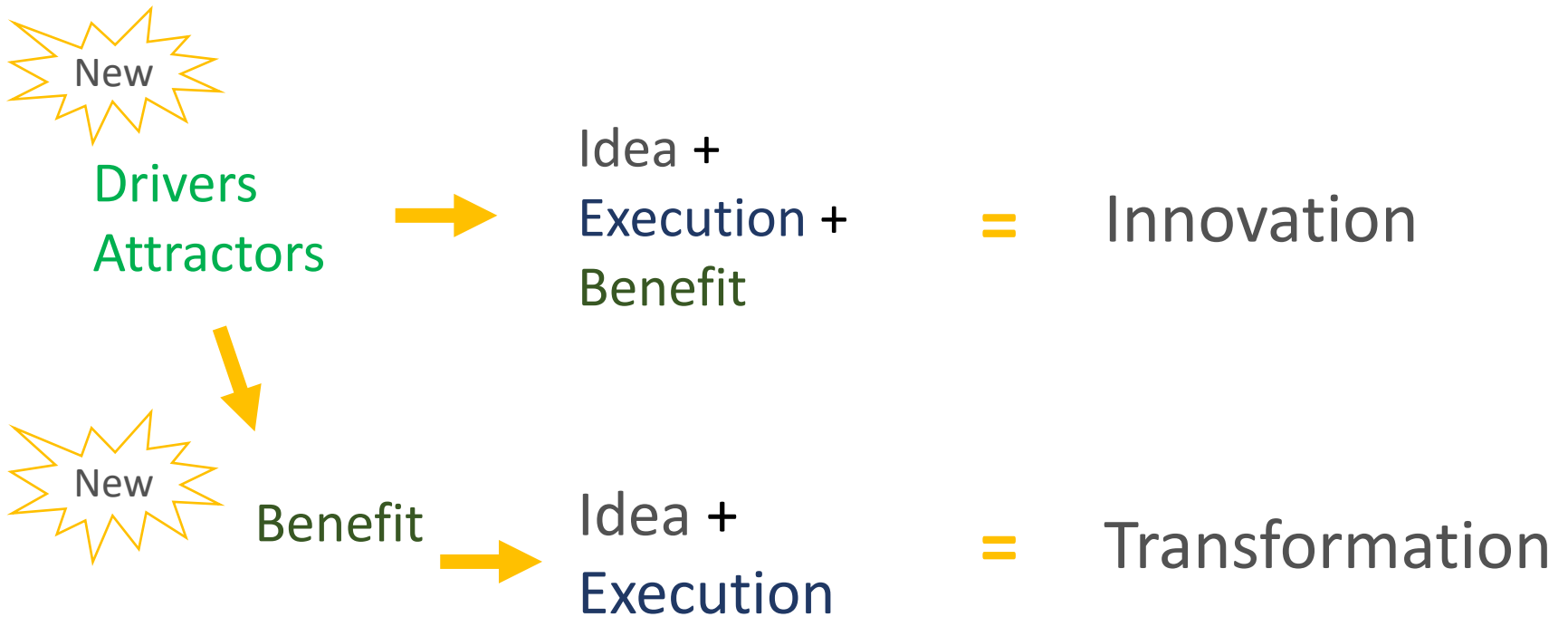


Microsoft's Vision

- Learning community
- Teacher capacity
- Efficient schools
- Personalization
- Physical learning environments
- Curriculum & assessment
- Is this really transformation?
- Are these things we really want?



Beyond Innovation



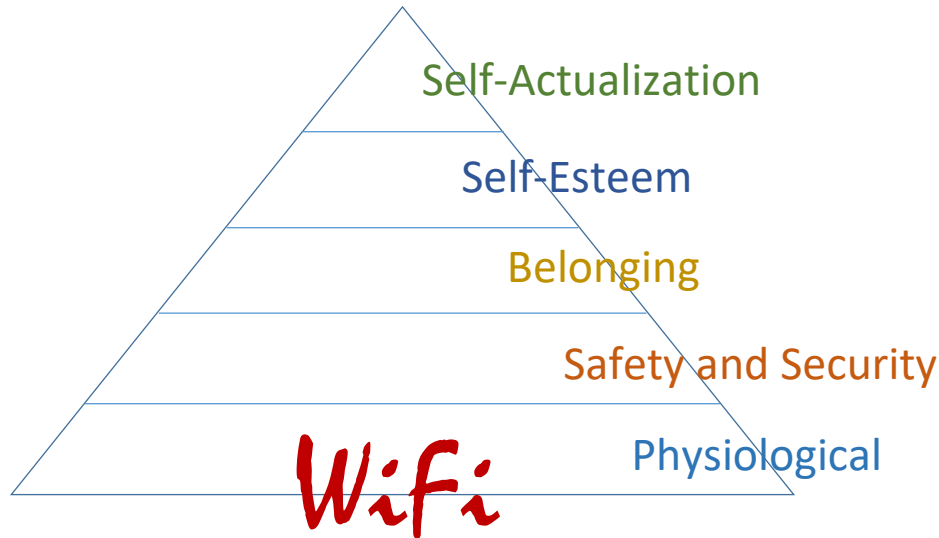
What is Transformation?

- “In an organizational context, a process of profound and radical change that orients an organization in a **new direction** and takes it to an entirely **different level** of effectiveness.”
- “Transformation implies a **basic change of character** and little or no resemblance with the past configuration or structure.”

• Read more: <http://www.businessdictionary.com/definition/transformation.html>

Questions to Ask

- What will new technology enable?
- How will our wants and needs change?



Does Maslow
speak for us?

- Maslow, A. 1943. Hierarchy of Needs: A Theory of Human Motivation. <http://psychclassics.yorku.ca/Maslow/motivation.htm>

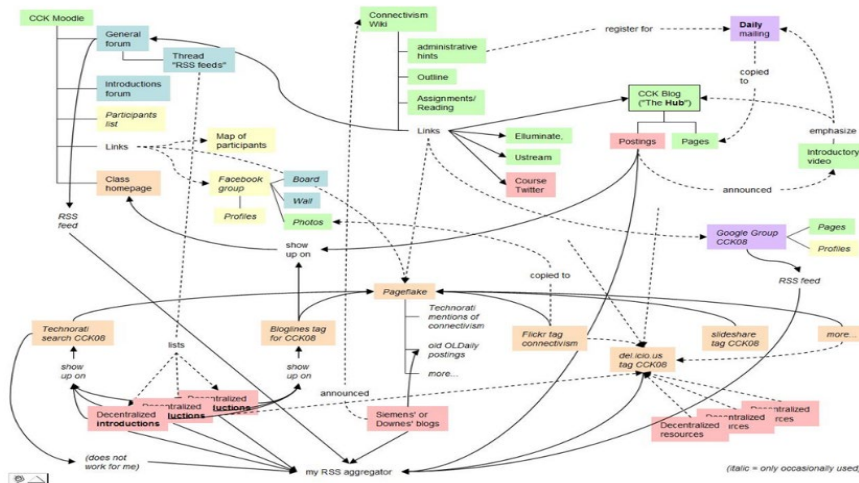
What is Education?



Riyadh, Saudi Arabia, 2015

Science as a "combination of evaluating evidence, coordinating evidence and models, and arriving at evidence-based judgments that are communicated through argumentation."

The Connectivist MOOC (cMOOC) Design



A MOOC is a Web, not a Website

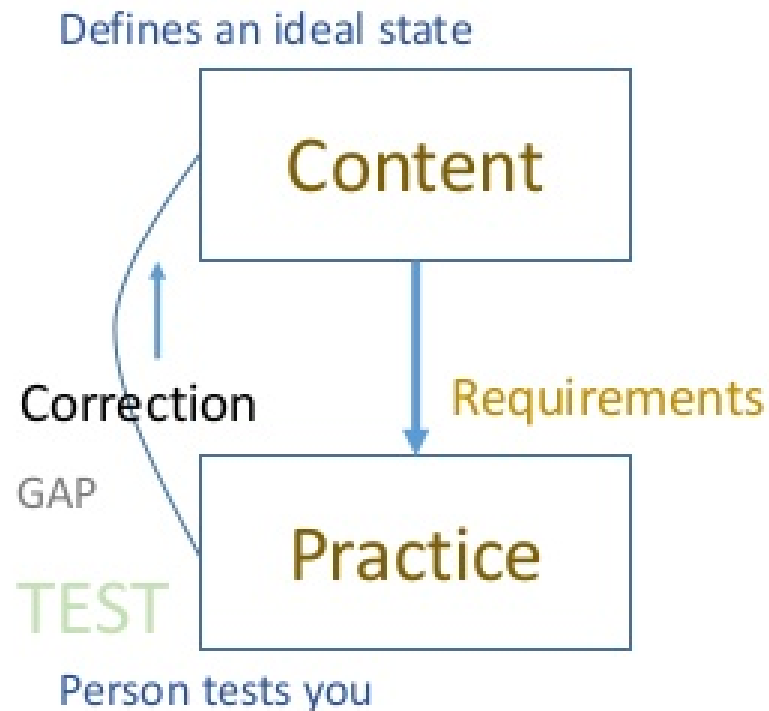


Instead of seeing a course as a series of contents to be presented, a course is a **network of participants** who find and exchange resources with each other

- An initial structure is developed and 'seeded' with existing **OERs**
- Participants **encouraged** to use their own sites to create or share resources
- A mechanism (gRSShopper) is employed to **connect them**

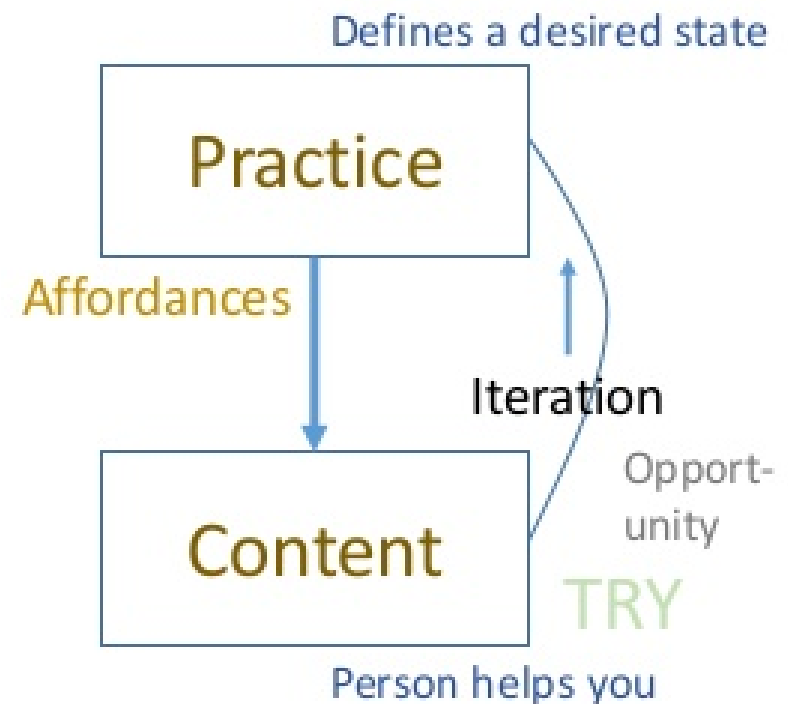
Personalized

We do for you

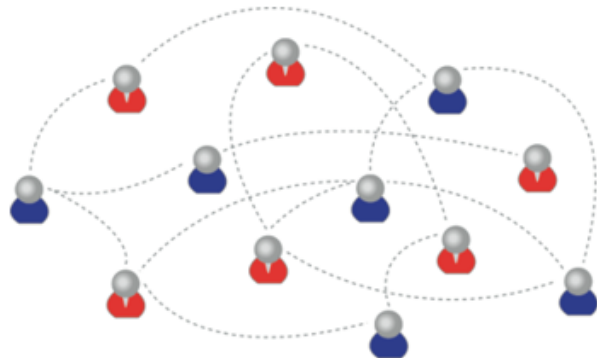


Personal

You do for yourself



Learning Outcomes



We are using one of these

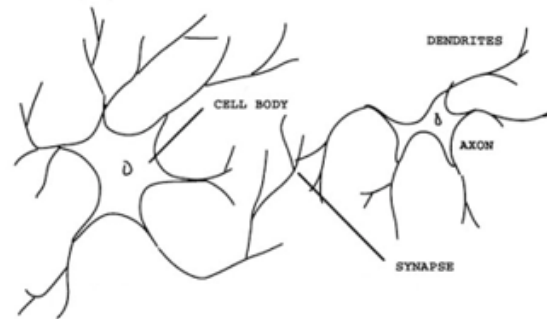


Figure 1. Biological Neuron

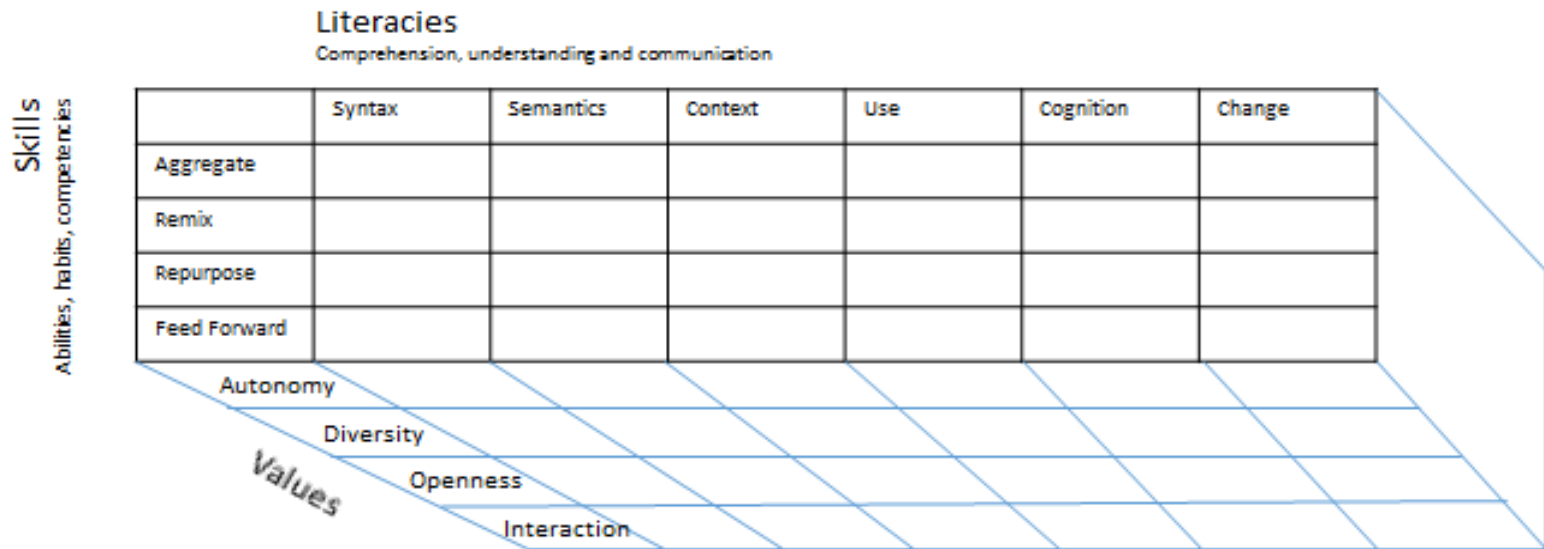
To create one of these

- Learning a discipline is a total state and not a collection of specific states
- It is obtained through immersion in an environment rather than acquisition of particular entities
- It is expressed functionally (can you perform 'as a geographer'?) rather than cognitively (can you state 'geography facts' or do 'geography tasks'?)

Design vs Environment

Path	Field
Course	Curriculum (as in 'mapping')
Sequence / Prerequisite	Core / periphery / foundation
Movement / covered	Inquiry / Discovery / Gaps
Threshold / Levels	Coverage / Construction
Positioning – first / last	Grouping / Clustering
Objective / target	Serendipity / emergence
Leading / Led	Centred

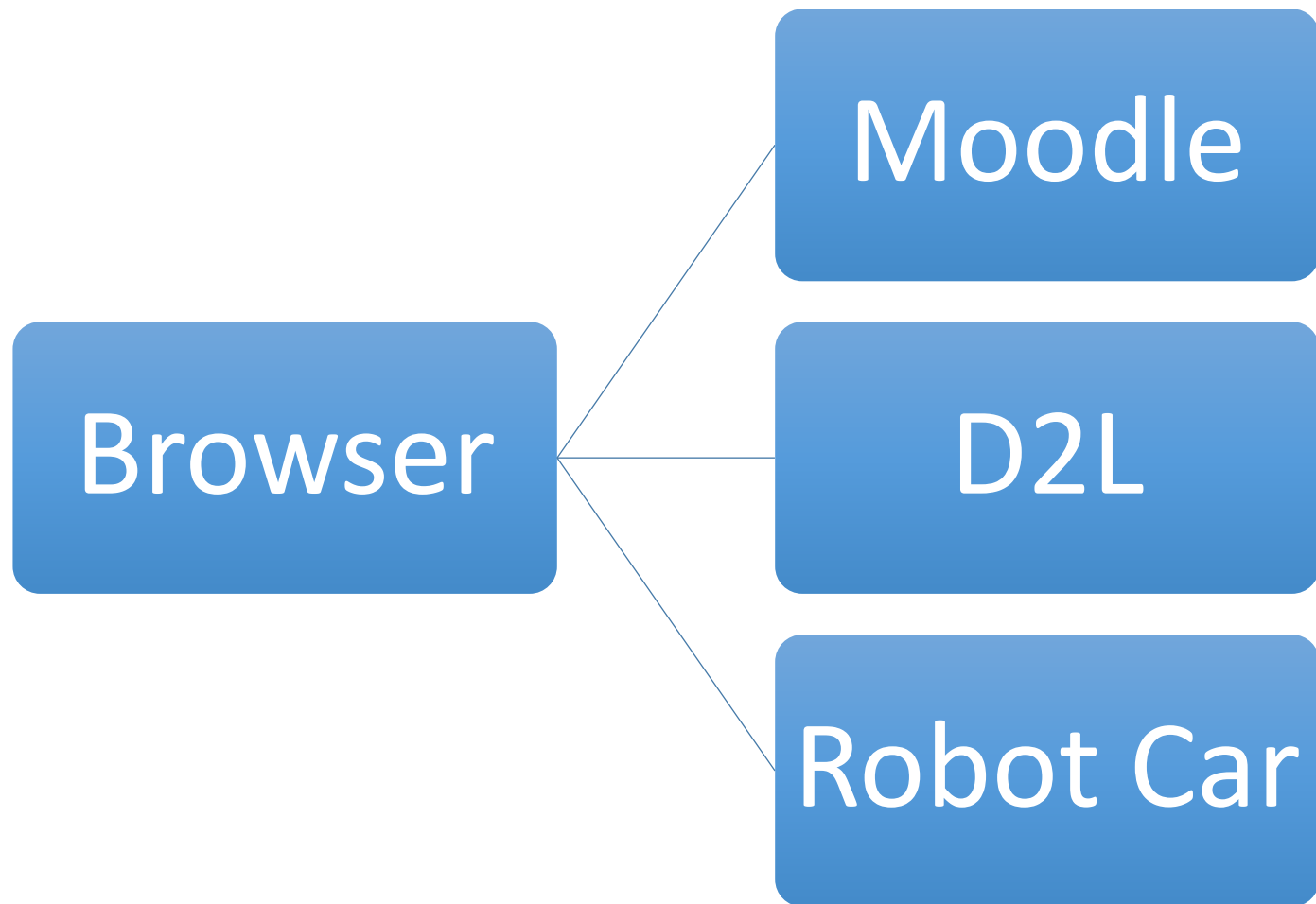
Carrie Paechter, Metaphors of Space in Educational Theory and Practice
<http://www.tandfonline.com/doi/pdf/10.1080/14681360400200202>



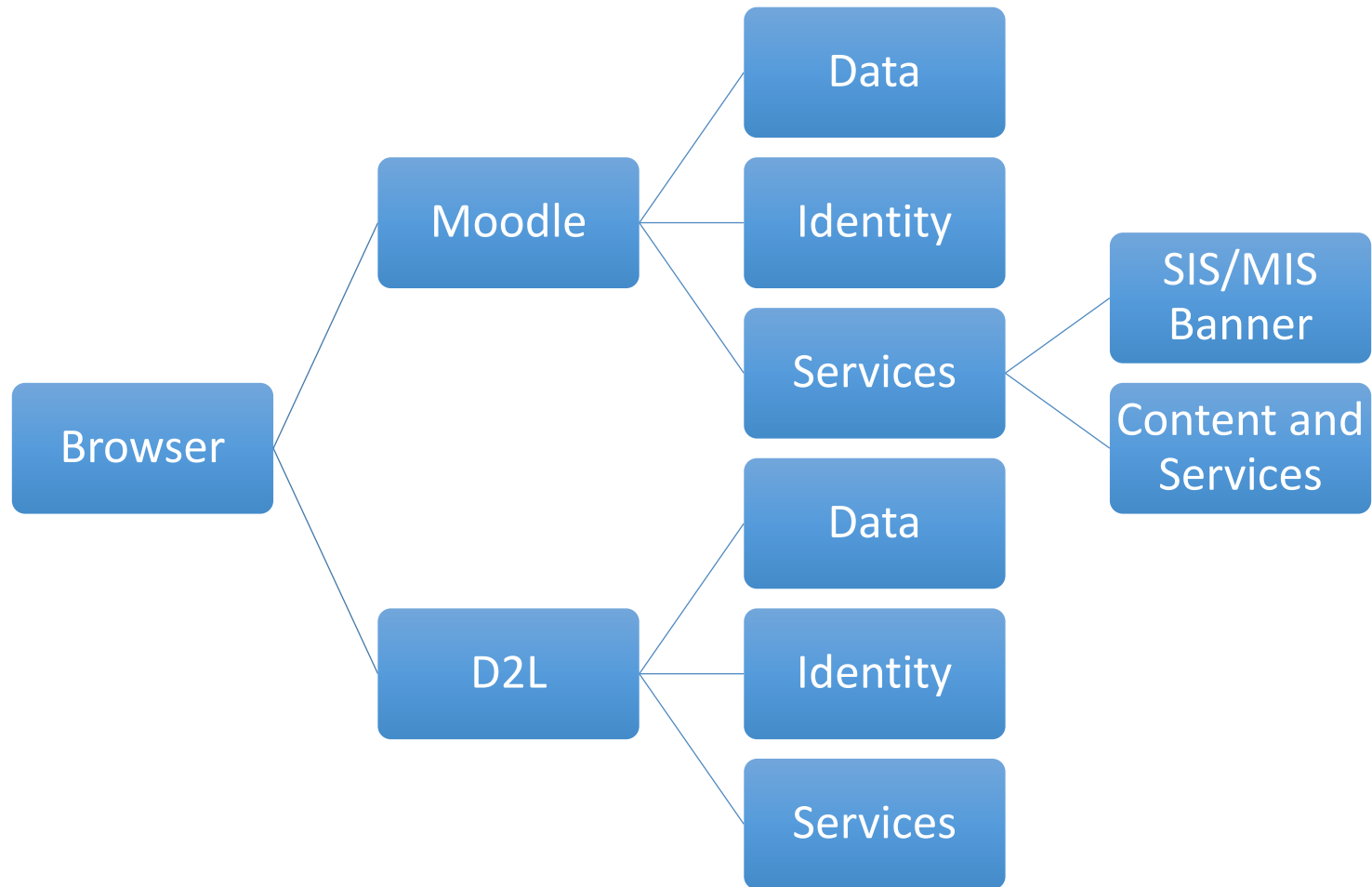
Method as Discovery:

- You don't learn a language, you discover it
- To discover a language is to be immersed in it, to speak it and listen to people speaking in it
- My scientific method (if it can be called that) is to go to the office each day and immerse myself in the world – to try listening, and to try speaking

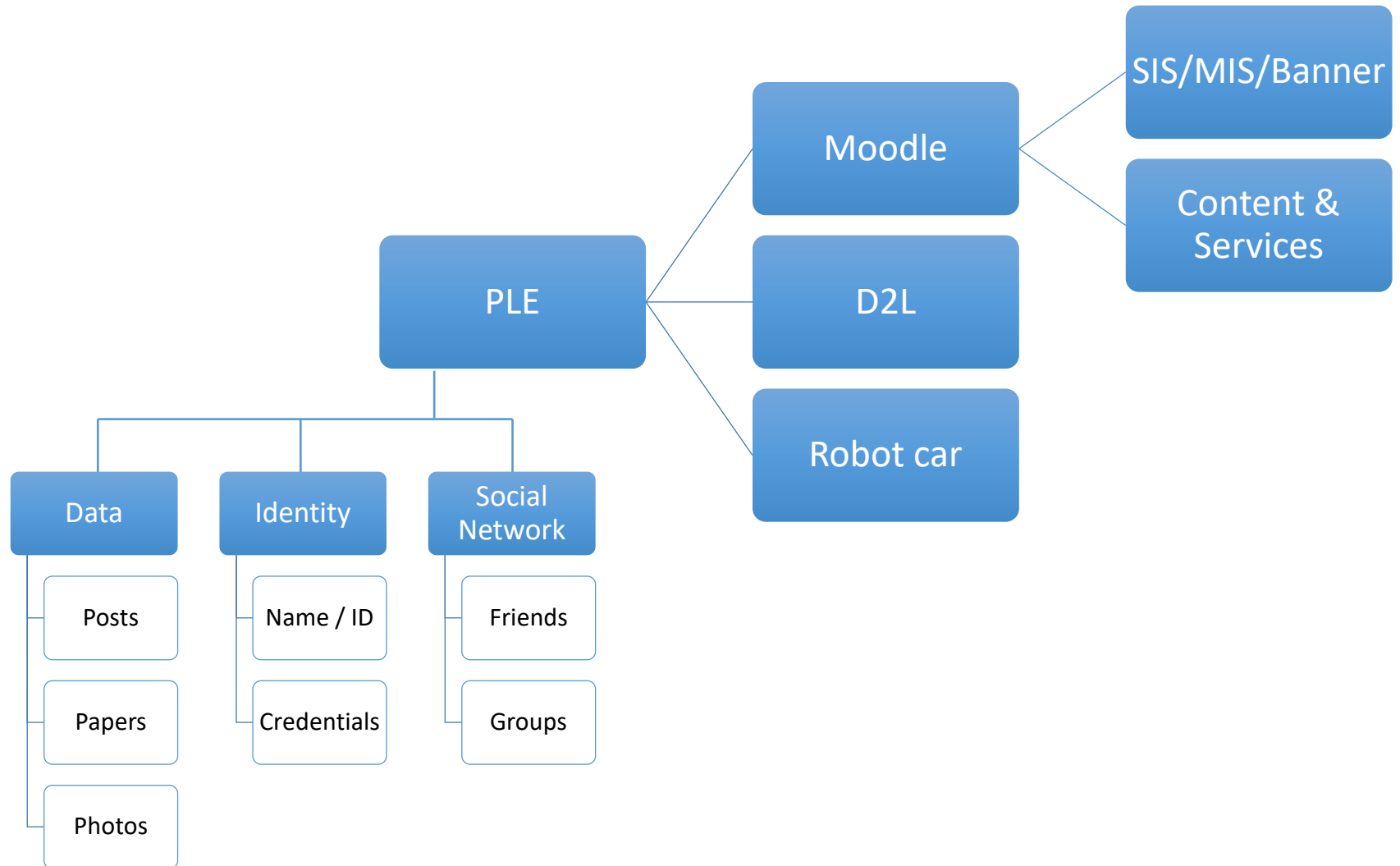
The Network in the LMS



The Network in the LMS



The PLE in the Network



Stephen Downes

<http://www.downes.ca>



<http://www.downes.ca/presentation/389>