

# Learning and Performance Support Systems



Brièvement

**Programme  
Systèmes d'aide  
à l'apprentissage  
et au rendement  
(SAAR)**

Stephen Downes  
OIF, Carthage Tunisia  
20 Nov 2015

<http://www.nrc-cnrc.gc.ca/fra/solutions/collaboration/saar.html>

# http://LPSS.ME

LPSS

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Competencies ▾

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	Resource text	Competencies	Created
<b>Url</b> <a href="https://www.coursera.org/course/whartonaccounti...">https://www.coursera.org/course/whartonaccounti...</a> <b>Source</b> Coursera	<b>Introducción a la Contabilidad Financiera</b> Domina las habilidades técnicas necesarias para analizar estados financieros y declaraciones. Después podrás aplicar estas habilidades a un reto empresarial del mundo real como parte de la Programa Especializado de Fundamentos Empresariales de Wharton. Rating: ★★★★★ <a href="#">[ Raw data ]</a>		November 11, 2015 08:25
<b>Url</b> <a href="https://www.coursera.org/course/chinesecharacters">https://www.coursera.org/course/chinesecharacters</a> <b>Source</b> Coursera	<b>Chinese Characters for beginner 汉字</b> Welcome to "Chinese Characters"! This is an elementary course on learning Chinese characters. Together, we will start from the basic element of Chinese characters-- Strokes. Then we will learn 1,200 basic Chinese words composed of 240 commonly used Chinese characters, which begin with "一"(one), including pronunciation, shape and meaning, so that to improve the learning effect. Good luck!		November 11, 2015 08:25

# LPSS is Built Around the Personal Learning Record

fiche d'apprentissage personnel

This is a *new* type of data – we call it the *personal graph*.



Me

Each person has their own *private* personal graph.

# Personal Learning Record

Fiche d'apprentissage personnel

Portfolio, artifacts and  
evidence

Activity Record - LRS

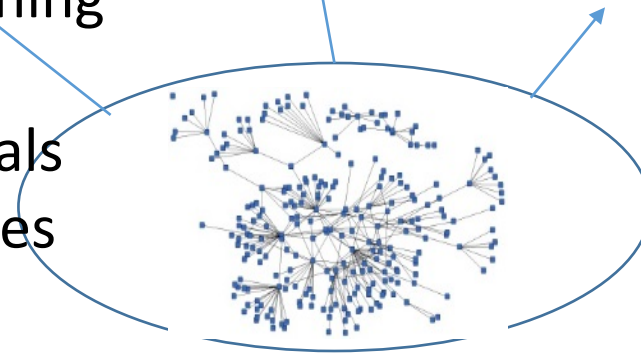
REs

OERs

Badges, certificates,  
credentials,  
competencies

The PLR contains all a person's learning  
records, including:

- certificates, badges and credentials
- activity records, test results, scores
- Assignments, papers, drawings,  
things they create



PLR

# LPSS infrastructure

**RELS** Creations Go Out

**Resources Come In**

Resource Repository Network

Big stuff goes here

**Personal Library**

- Pictures
- Books
- Movies

Things,  
Properties,  
Relations

Things I did  
Stuff I make

Me

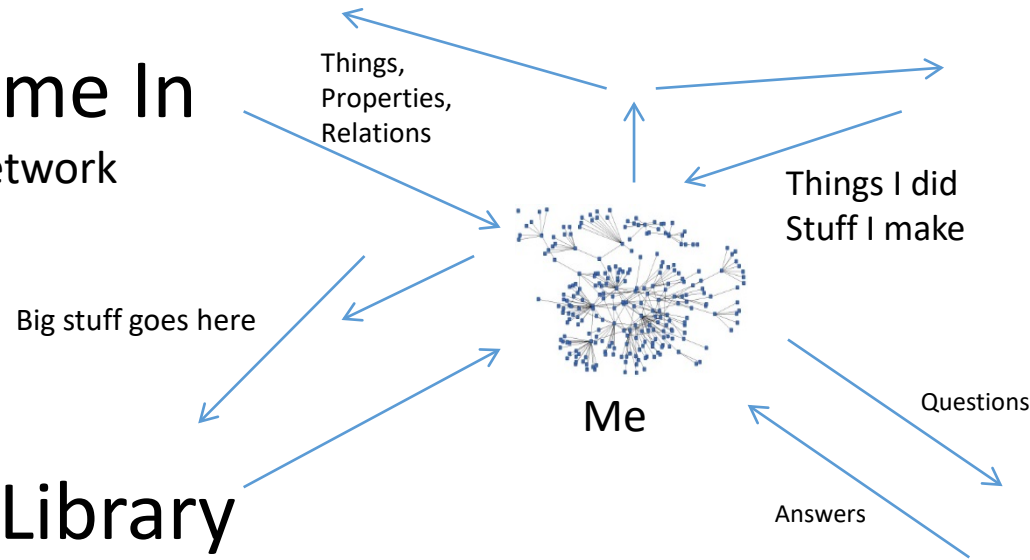
Questions

Answers

**Learning Activities**

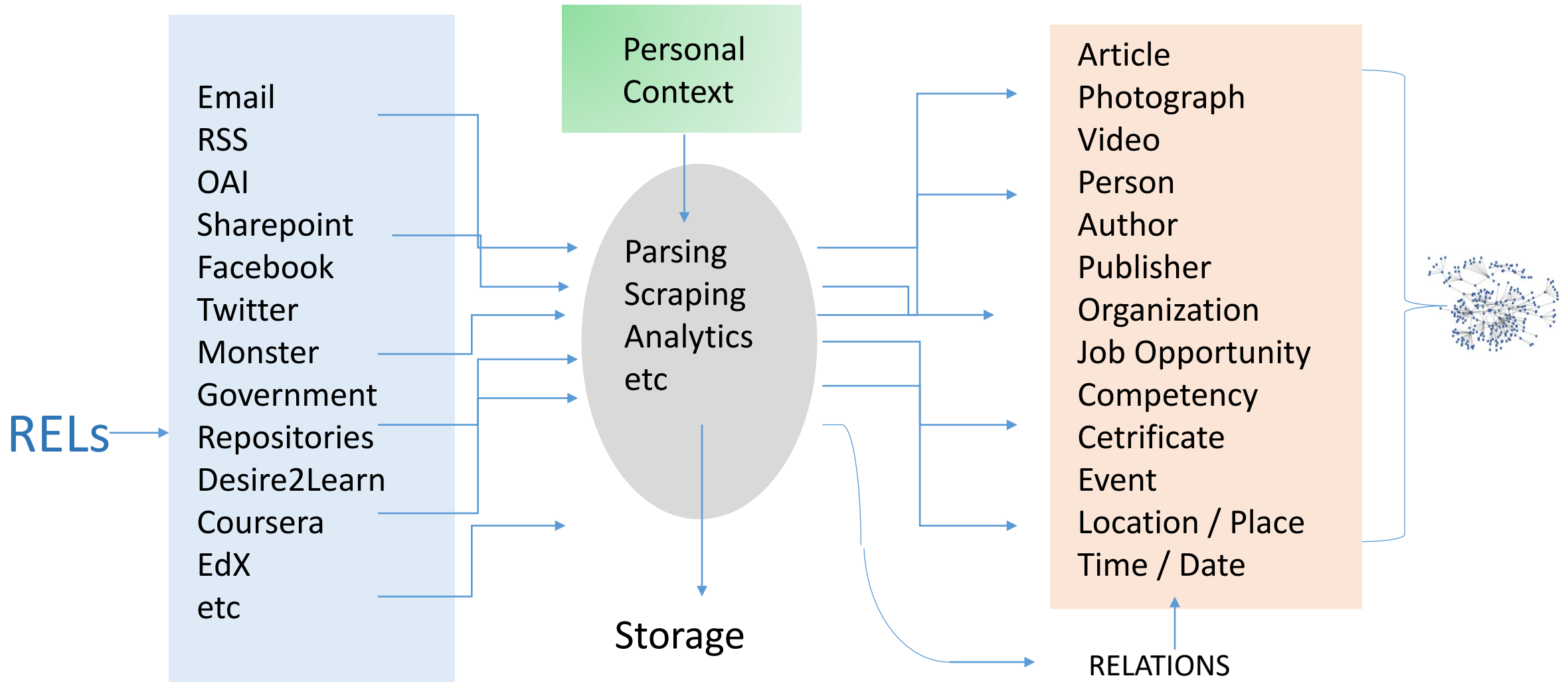
- I read and watch stuff
- I play with toys
- I make stuff

**Learning  
Analytics  
Services**

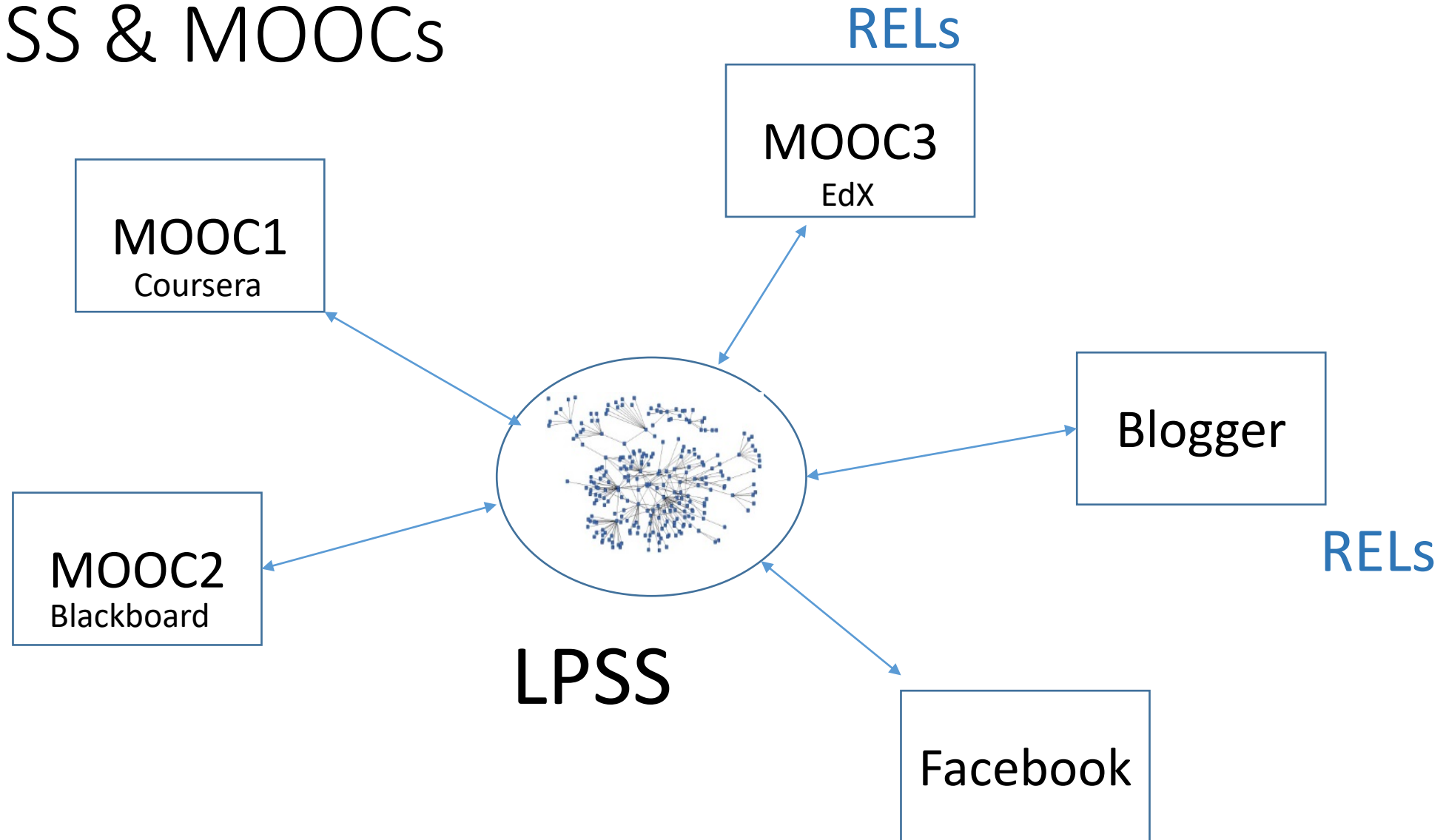


# Resource Repository Network

## Réseau de ressources



# LPSS & MOOCs



Firefox | Search or enter address

LPSS Today

## Read and Write in the Same Environment

### CCK08 – Online Discussion

Short article making the impoirtant point that the K-12 education market is a complex array of interplaying forces, including several levels of government, corporations, lobbyists, school boards, and finally, teachers and children. If anything, I think the diagram under-represents the complexity of the market. The diagram is focused on the U.S. system but I think that the schooling system in other markets is no less complex. This diagram helps us understand why reform in education is so difficult - it means aligning a wide variety of agencies, many of which are working to serve particular outcomes and interests.

VIEW COMMENT SAVE SEND

Short article making the impoirtant point that the K-12 education market is a complex array of interplaying forces, including several levels of government, corporations, lobbyists, school boards, and finally, teachers and children. If anything, I think the diagram

Title of My Content

Font Size B I U ↶ ↷ ↲ ↳ ↴ ↵ ↶ ↷ ↲ ↳ ↴ ↵ Source ?

An edited comment

body p

TYPE SAVE PUBLISH SEND

CCK08 – Online Discussion 4:00 pm





"I can see a day soon where you'll create your best professors from around the world — say, Wharton, some ethics from Brandeis, some

We pose five questions about what changes how this is enabling a new pedagogy. While observations from experience and the litera

George Siemens - elearnspace

Pre-Calculus and Algebra, both from the University of Pennsylvania; Evolution from Duke University; Bioelectricity from the University of Pennsylvania; Single Variable from the University of Pennsylvania.

Paula Hunt – CBC News

Pre-Calculus and Algebra, both from the University of Pennsylvania; Evolution from Duke University; Bioelectricity from the University of Pennsylvania; Single Variable from the University of Pennsylvania.

VIEW COMMENT SAVE SEND

Short article making the important point that the K-12 education market is a complex array of interplaying forces, including several levels of government,


LPSS

Today

Learn While Connected to a Learning Community

CCK08 – Online Discussion 4:00 pm

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Vladimir Putin  
President

Barack Obama  
President

Xi Jinping  
General Secretary, Communist Party

Pope Francis  
Pope

Angela Merkel  
Chancellor

Bill Gates  
Co-Chair

Ben Bernanke  
Chairman, Federal Reserve

Abdullah bin Abdul Aziz Al Saud  
King

Mario Draghi  
President

Michael Duke

ADD NEW

2022-01-03

Stephen Downes - LPSS - Protected B

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LPSS

Today

Use LPSSs in both Learning and Workplace Environments

TypeEvent

Title

Date

Slides

Audio

Video

Location

Org.

Open Education and Personal Learning

Microsoft PowerPoint Setup

LPSS

**Welcome to the LPSS for Microsoft PowerPoint Setup Wizard**

This wizard will guide you through the installation of VisualBee for Microsoft PowerPoint.

It is recommended that you close all other applications before starting Setup. This will make it possible to update relevant system files without having to reboot your computer.

Click Next to continue.

Inside your PowerPoint!

HomeVisualBee

EnhanceLibraryAbo

Next >

Cancel

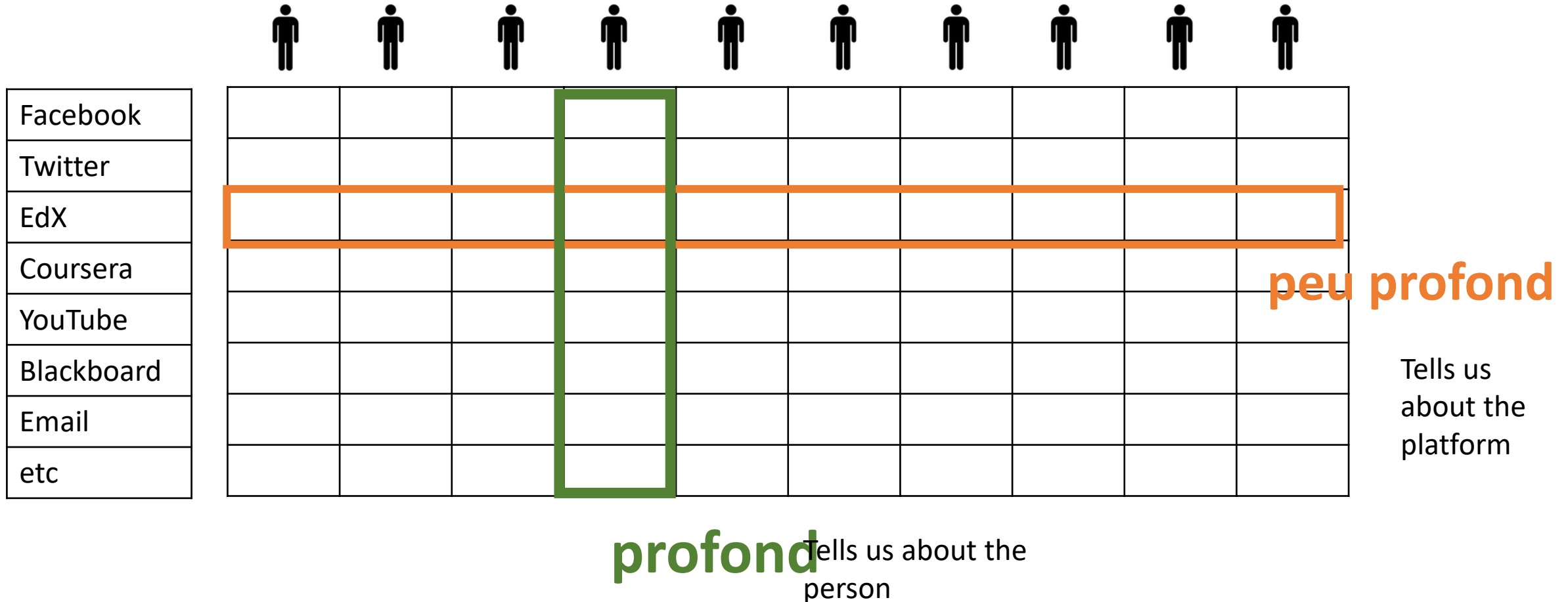
2022-01-03

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# Analytics and Big Data

Analytique



# OIF – MOOC-REL

## REL 2014 - Pour une éducation libre

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Réutiliser, retravailler,  
recombinaire, redistribuer



INTRODUCTION ▼

1. DU CLOM  
CONNECTIVISTE ET  
FONCTIONNEMENT DE CE  
COURS ▼

### Réutiliser, Retravailler, Recombiner, Redistribuer – 4R des REL pour une Éducation libre

Bienvenue à votre Cours en Ligne Ouvert et Massif (CLOM) de l'Organisation internationale de la Francophonie portant sur les ressources éducatives libres (REL).

Le cours débute le 3 mars 2014 et dure neuf semaines consécutives. Si vous n'êtes pas déjà inscrit(e), faites-le tout de suite pour recevoir le Bulletin de nouvelles quotidiennes et bénéficier du droit de commentaires/discussion dans le site.

### Introduction au CLOM REL 2014

Vous trouverez ci-dessous une courte vidéo qui explique le contexte du présent cours. Nous vous

<http://rel2014.mooc.ca/>

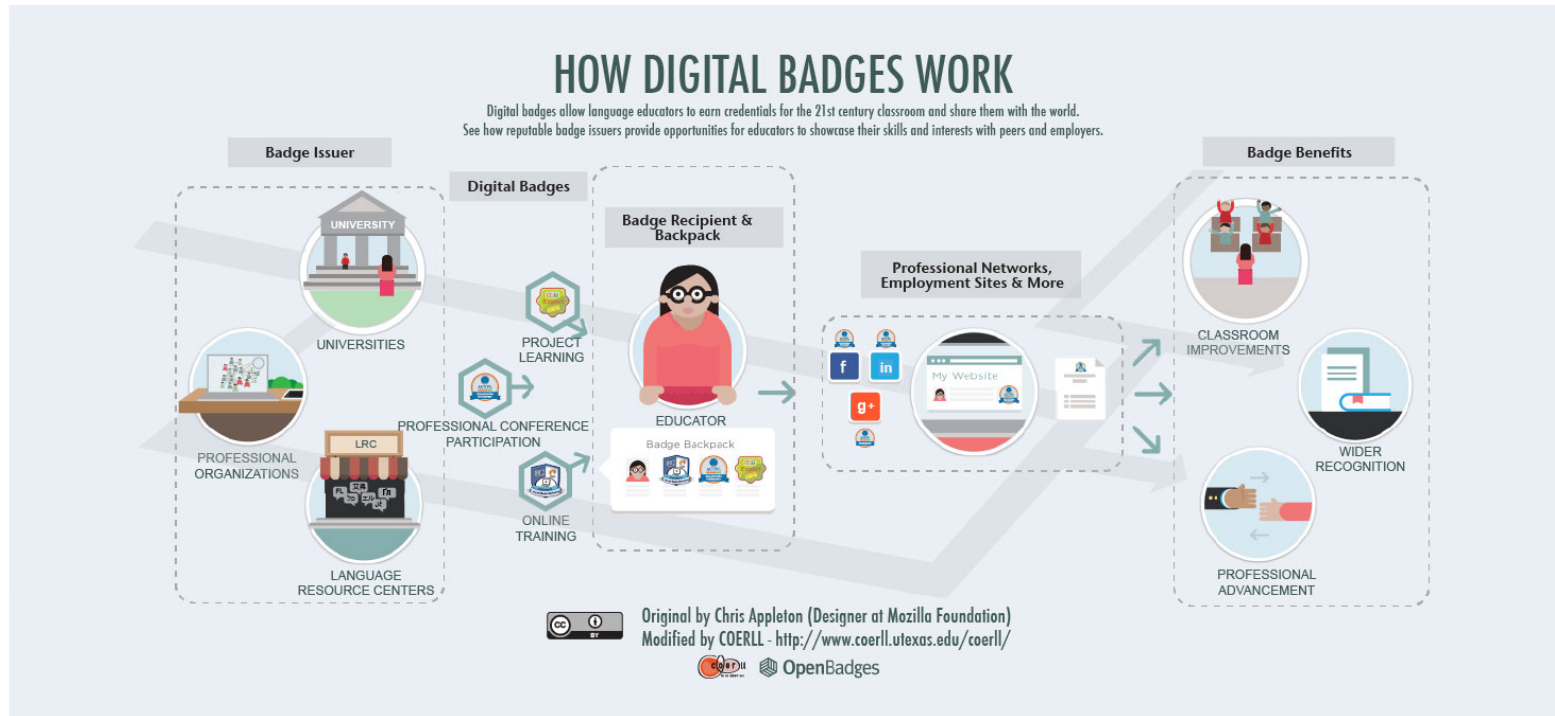
# ALECSO – Capacity Building



<http://www.downes.ca/presentation/337>



# PCO Badges for Learning



<http://www.downes.ca/post/63738>

# Concierge OMS

Government of Canada / Gouvernement du Canada

Canada.gc.ca | Services | Departments | Français

## Concierge Service

Canada

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Home → Your guide to innovation

### Your guide to innovation

Helping Canadian enterprises find and access programs and services that support business innovation.

How can we help you? Go

Find a program that meets your needs

Learn more

Image of a person holding a glowing lightbulb with a globe inside, symbolizing innovation.

Image of a golden key on a background of binary code, symbolizing access to services.

Create an account to get the benefits to support you & your business!

Image of three business professionals clapping, symbolizing success and support.

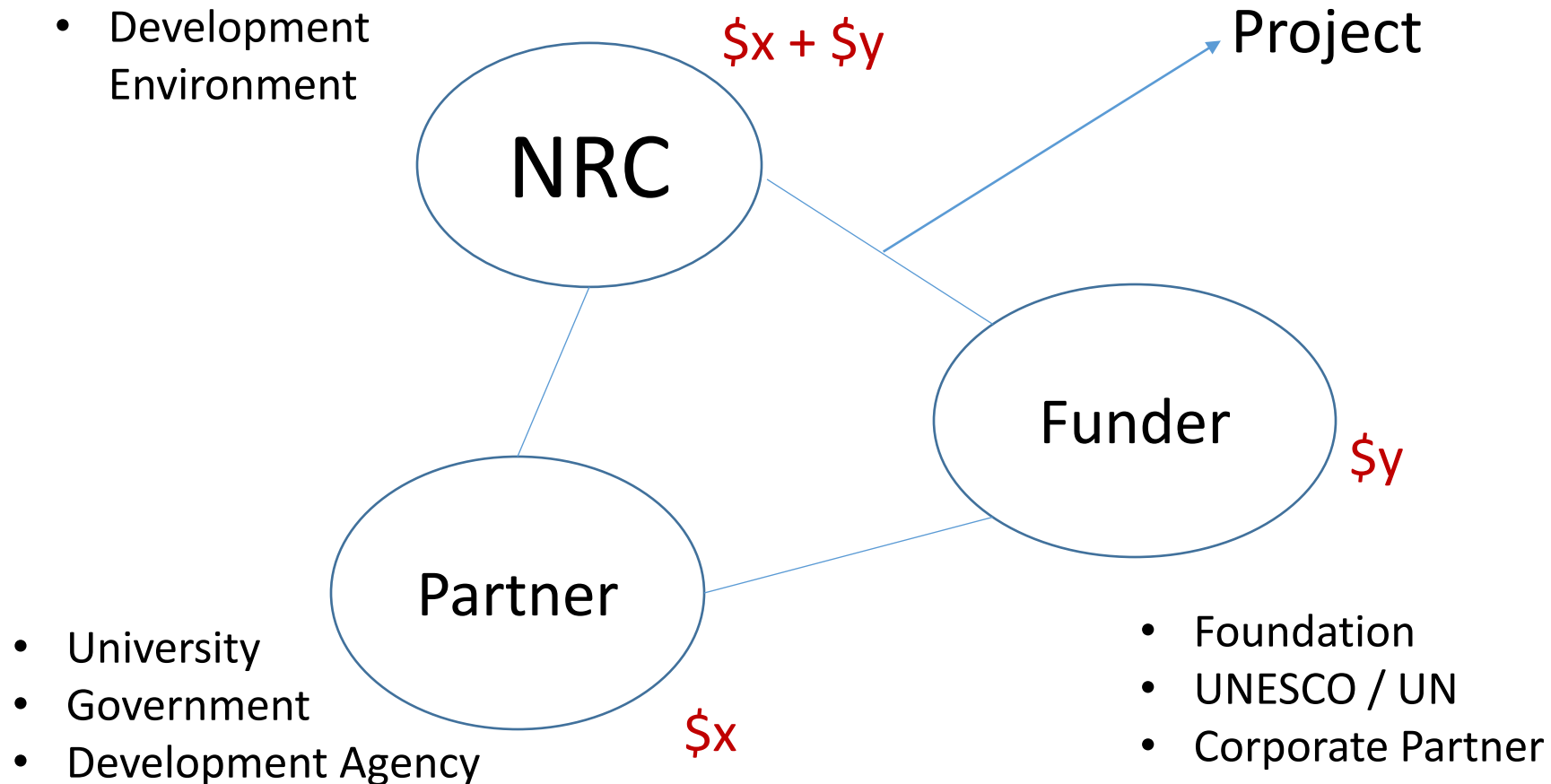
<https://concierge.portal.gc.ca/>



# Nouveaux projets

## Expanding LPSS

- \$20 Million Investment
- NRC Technologies
- Development Environment



# Possible Projects...

- OERs, Repositories, Marketplaces
- Badges, Credentials, Recognition
- Simulations & Workplace Support
- Matching People to Opportunities

<http://LPSS.ME>





Stephen Downes  
<http://www.downes.ca>

