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Inspire: learning!
Downes, S.

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Inspire: Learning!

Stephen Downes

Inspire 2015

October 29, 2015

Learning Through Practice

When it really matters, we don't simply trust classrooms and texts, we expect hands-on practice...



... For medical professionals



<http://www.army.mil/article/127148/>



<http://www.83degreesmedia.com/features/camls011012.aspx>

... for pilots and navigators



<http://www.cae.com/World-s-first-AW189-full-flight-simulator-ready-for-training/>



<http://www.aiac.ca/canada-aerospace-industry/success-stories/cae-nh90-helicopter-simulator/>

... for military and police



<http://www.downes.ca/post/59876>

So why not the rest of us?



Image: <https://www.iabti.org/itc>

The Case of the MOOC



xLearning vs cLearning



contents

engagement

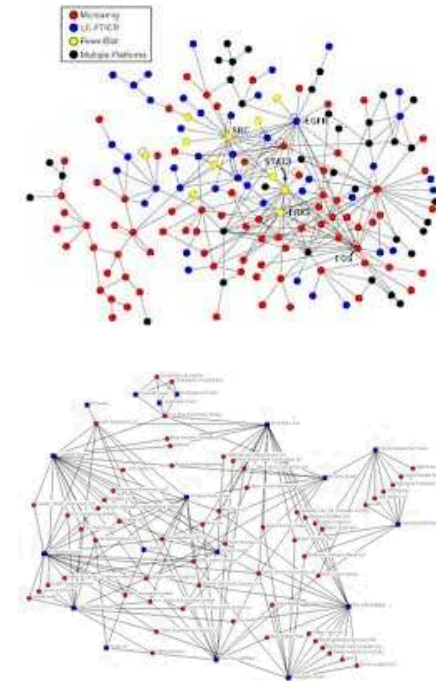
networks



<http://www.corestandards.org/>

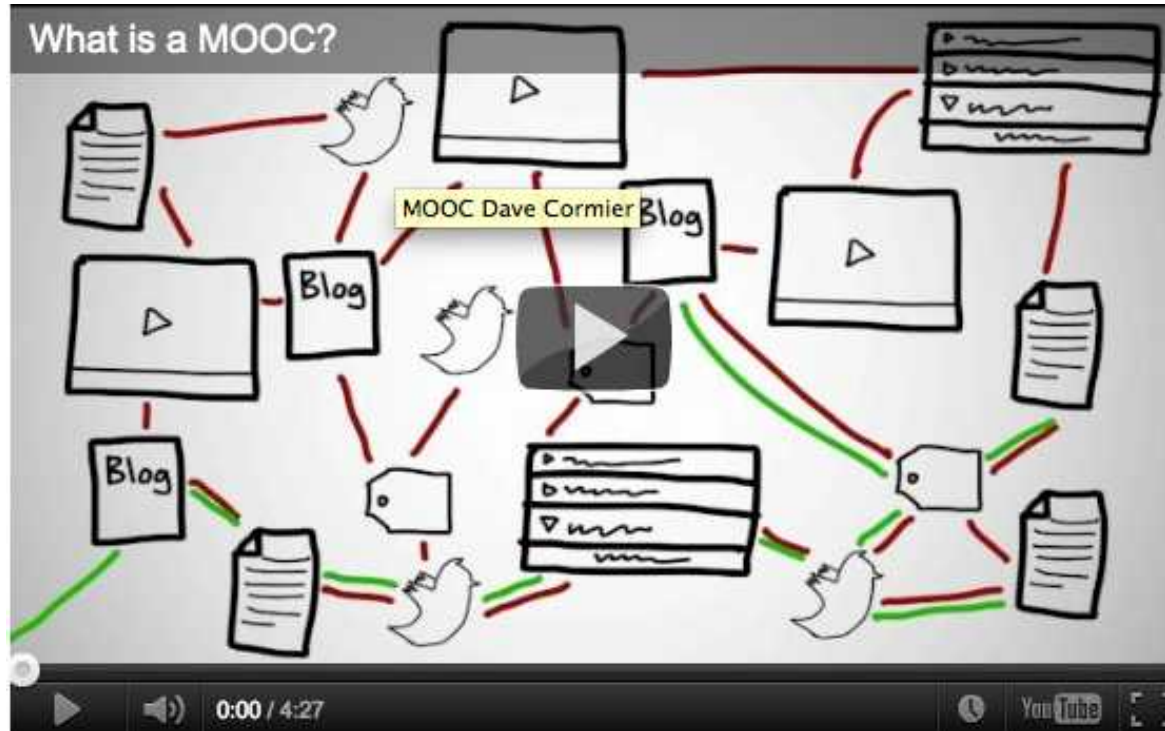


<http://www.magnet.edu/>



<http://lisahistory.net/wordpress/2012/08/three-kinds-of-moocs/>

How to Learn in a cMOOC



Learning is a process of immersion into a knowing community

<http://www.tonybates.ca/2012/03/03/more-reflections-on-moocs-and-mitx/>

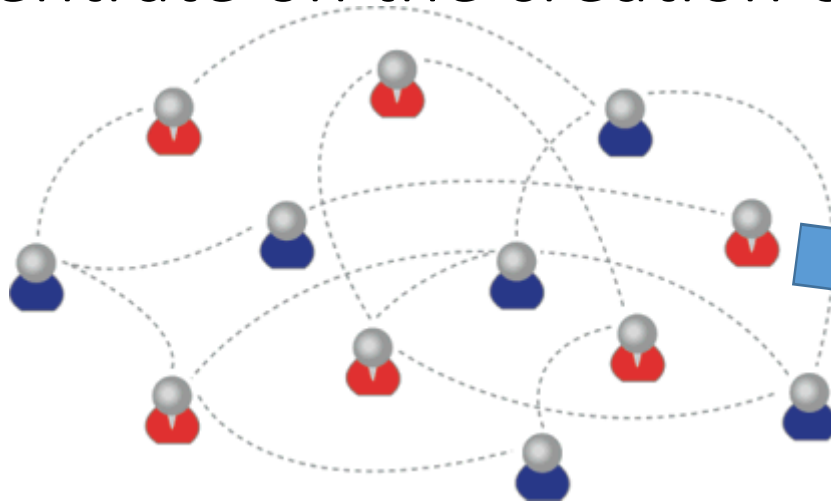
MOOC Design

- Course structure – a series of topics
 - The instructors will not ‘teach’ the topics, they ‘investigate’ or ‘work through’ the topics (model and demonstrate)



How to Create a cMOOC

- It's like creating a network
- Don't centralize
- Concentrate on the creation of links



We use social networks...

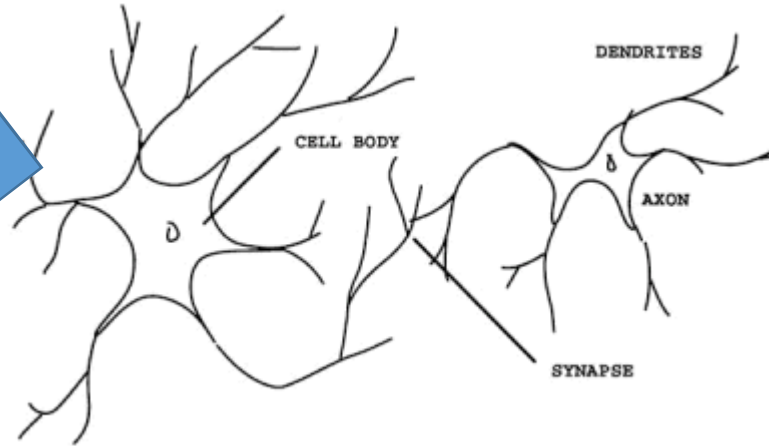
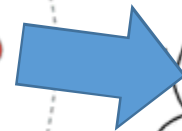


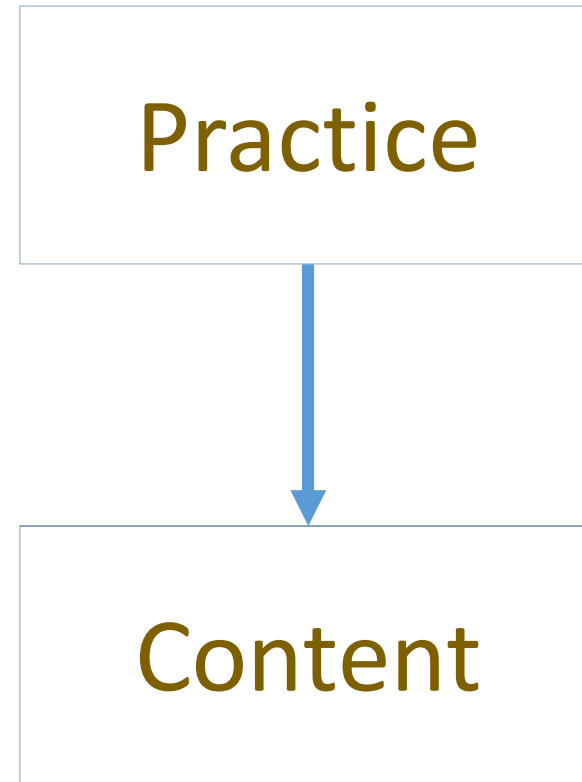
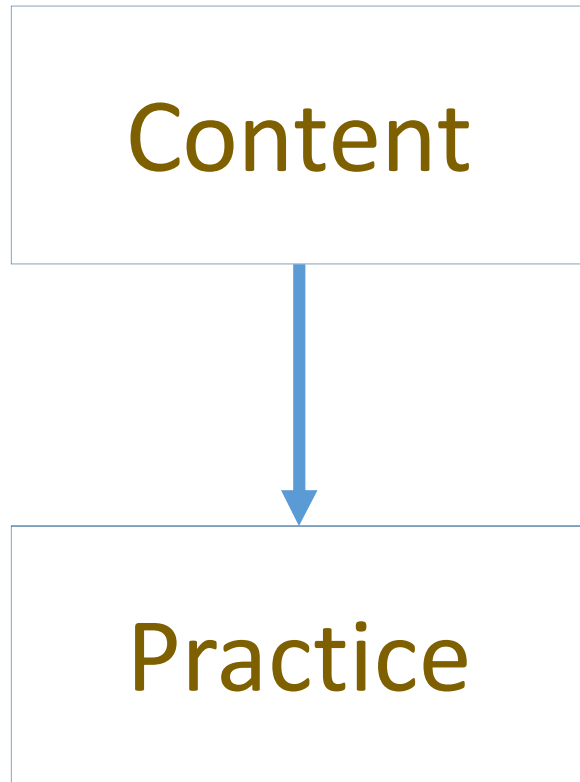
Figure 1. Biological Neuron

... to create personal knowledge



Learning is a process of *recognizing* and *growing into* or *becoming* an instantiation of those values...

Two Approaches...



Two Approaches...

Defines an ideal state

Content



Practice

TEST

Person tests you

Defines a desired state

Practice

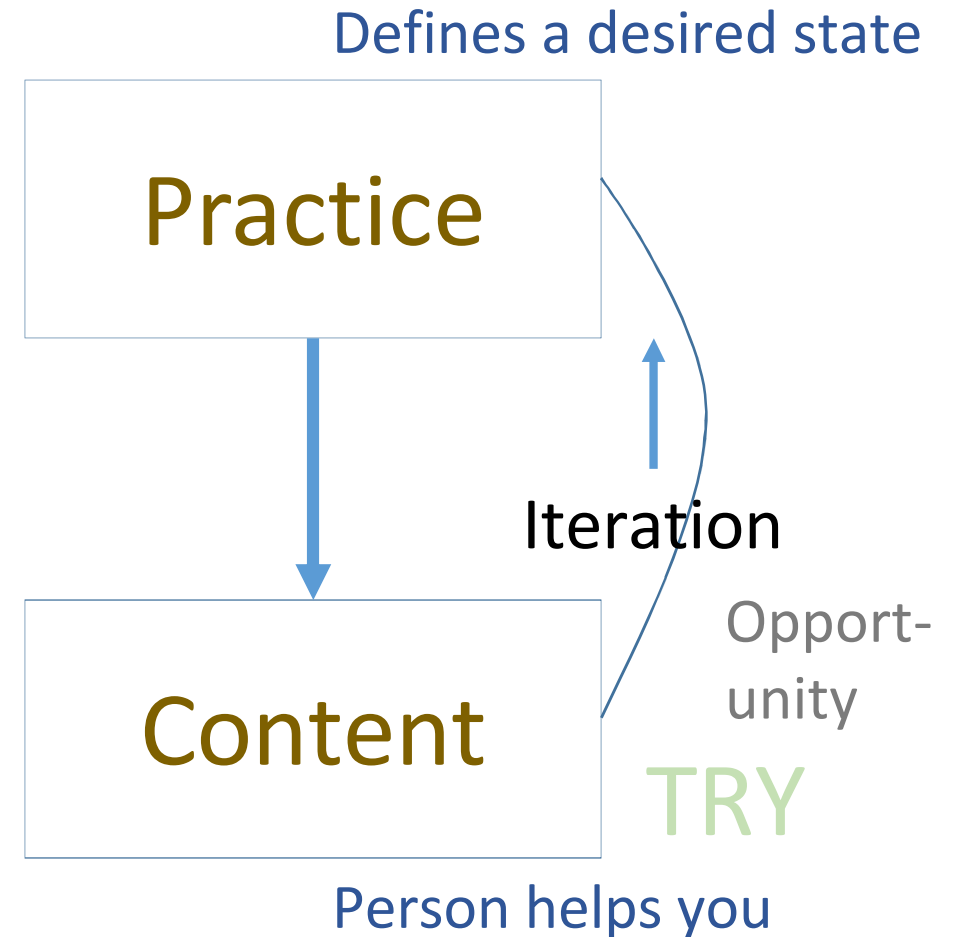
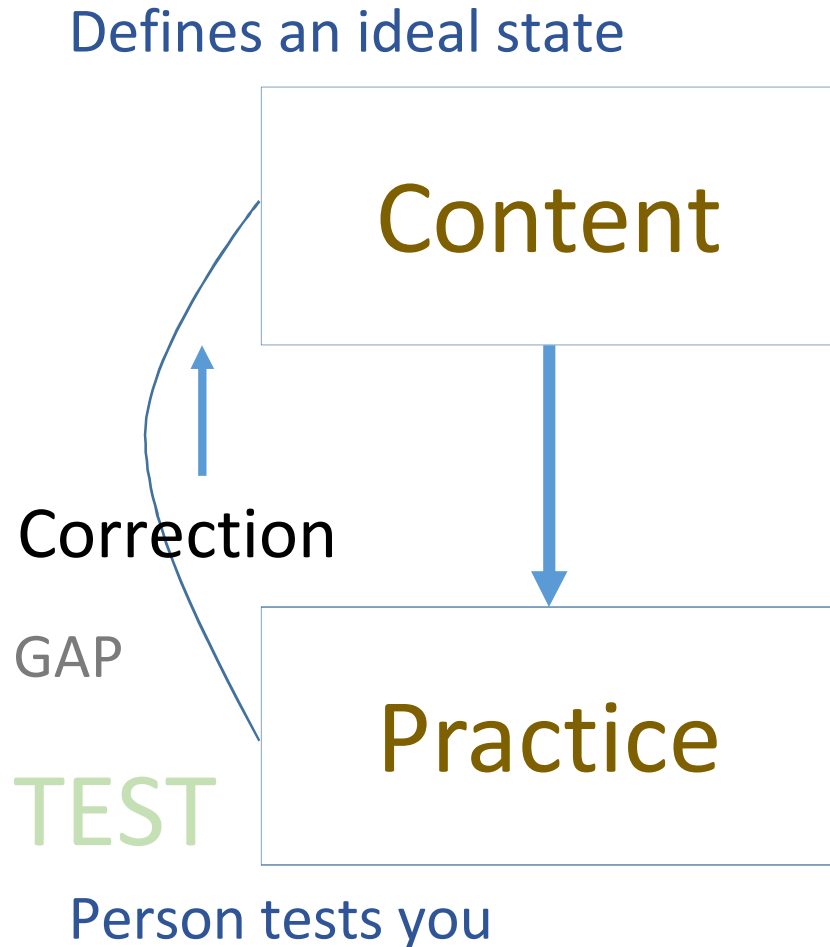


Content

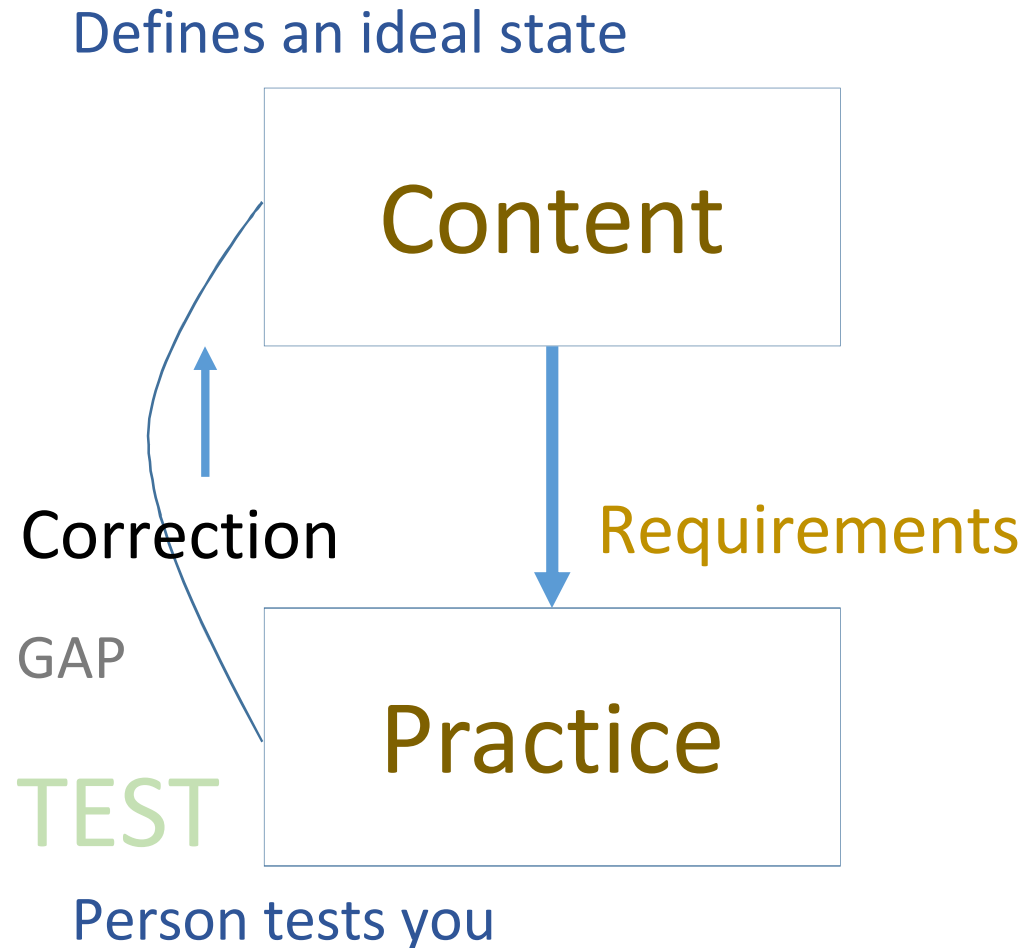
TRY

Person helps you

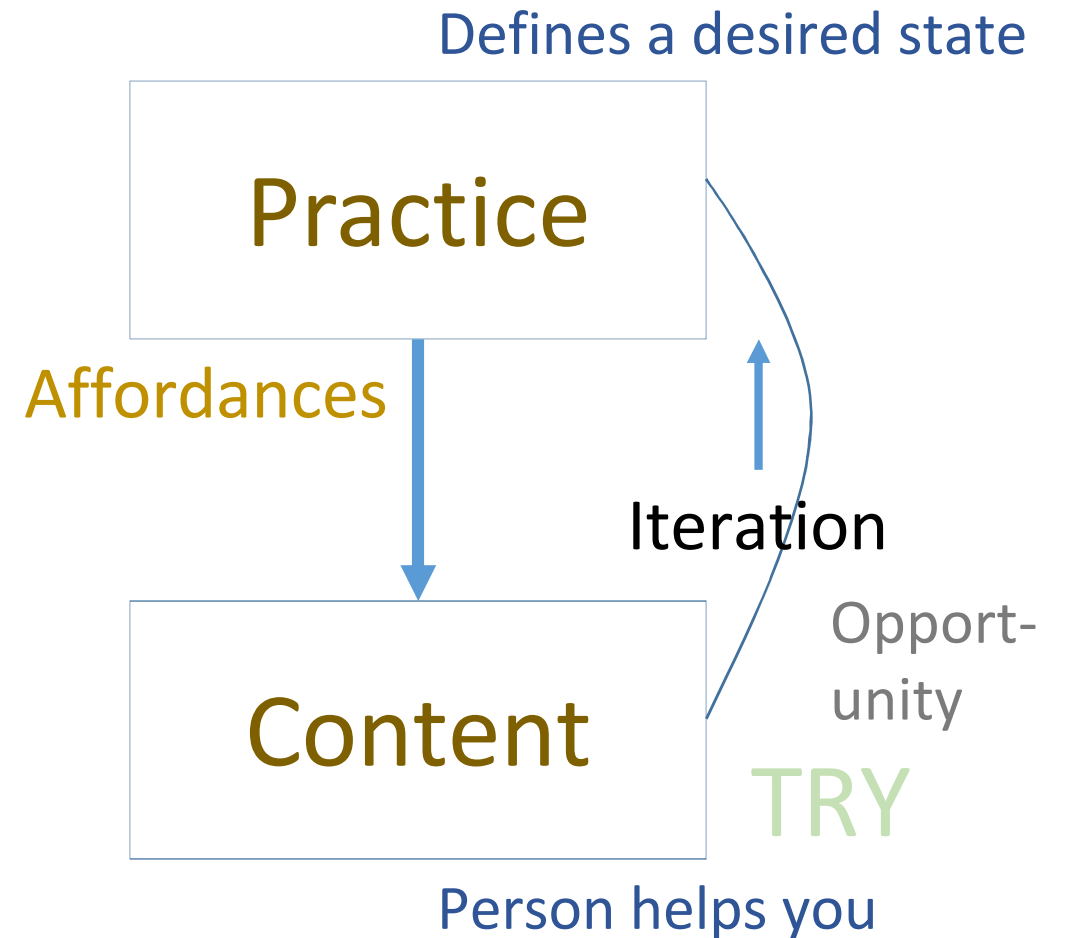
Two Approaches...



Library

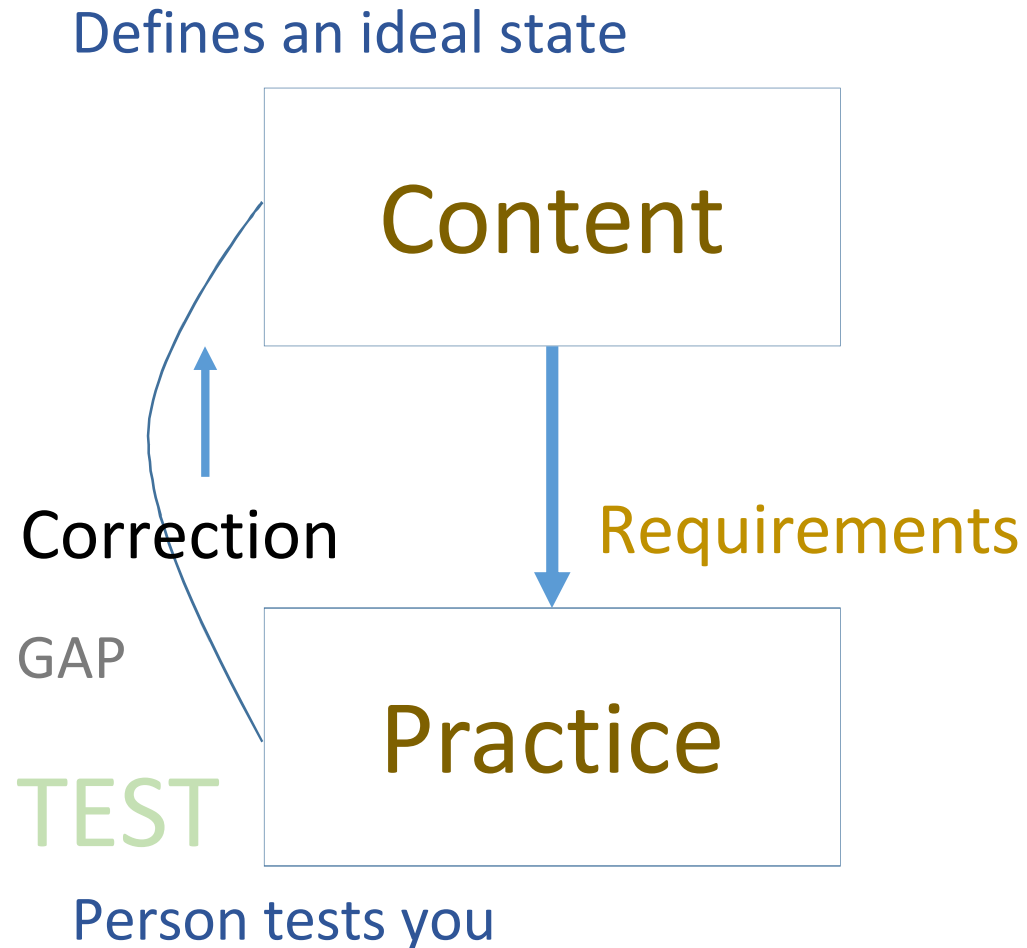


Environment



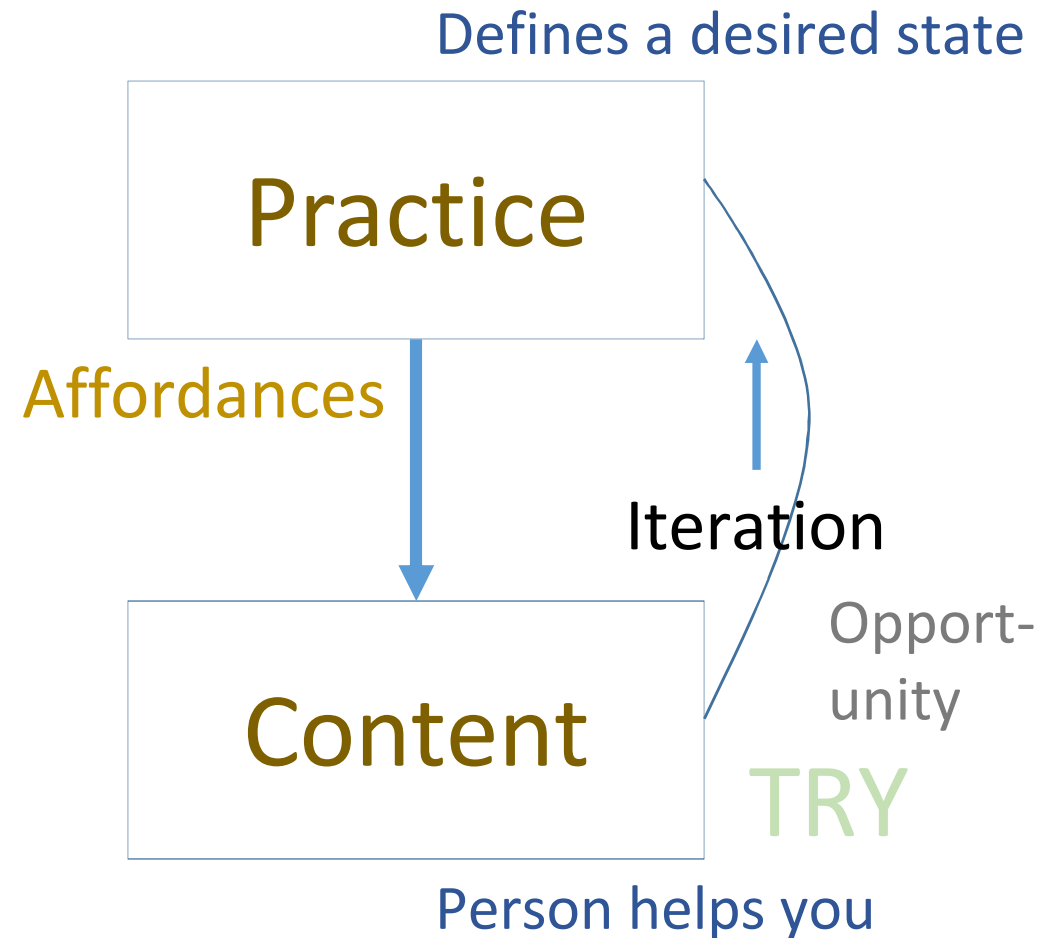
Personalized

We do for you



Personal

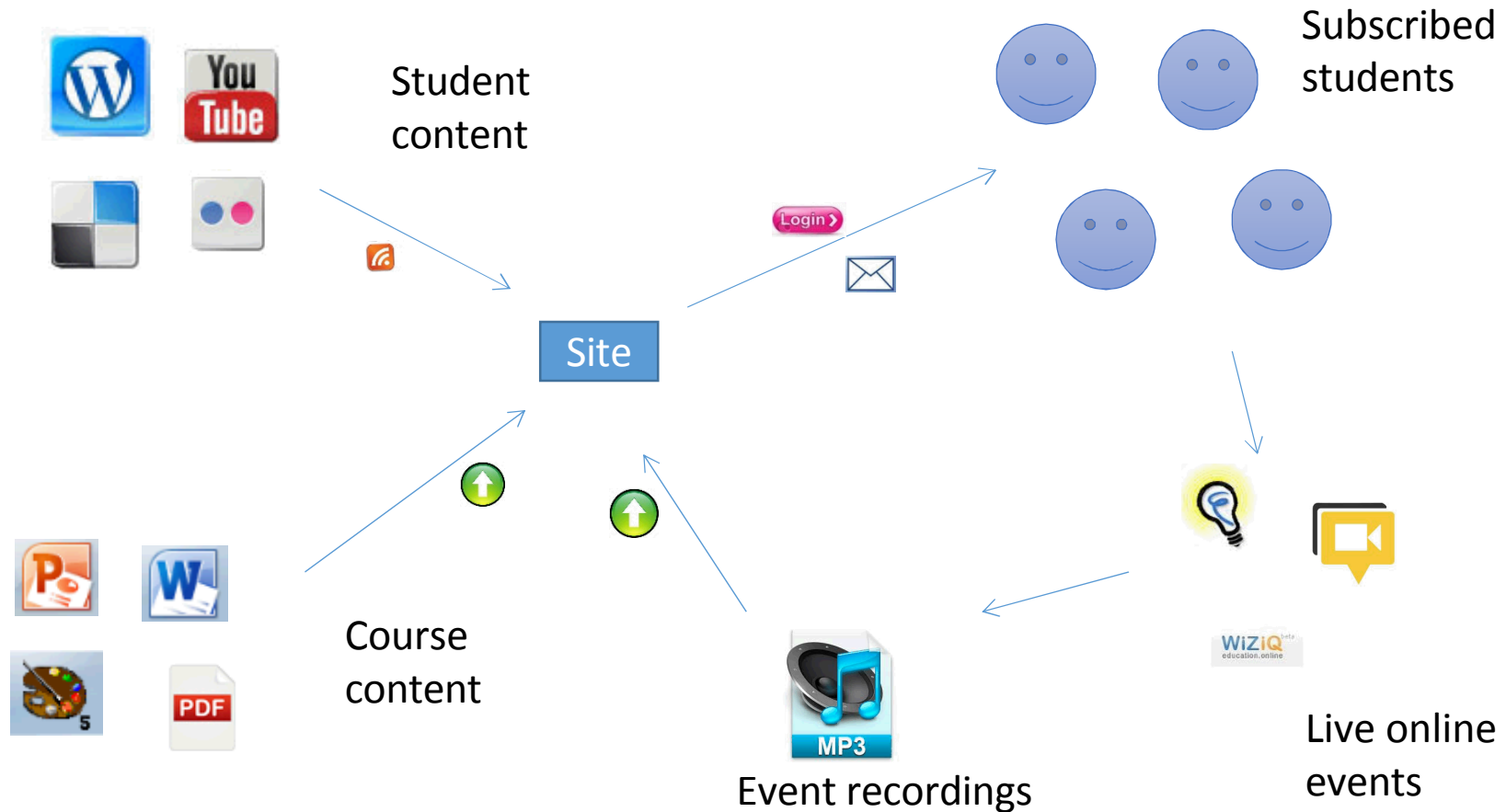
You do for yourself



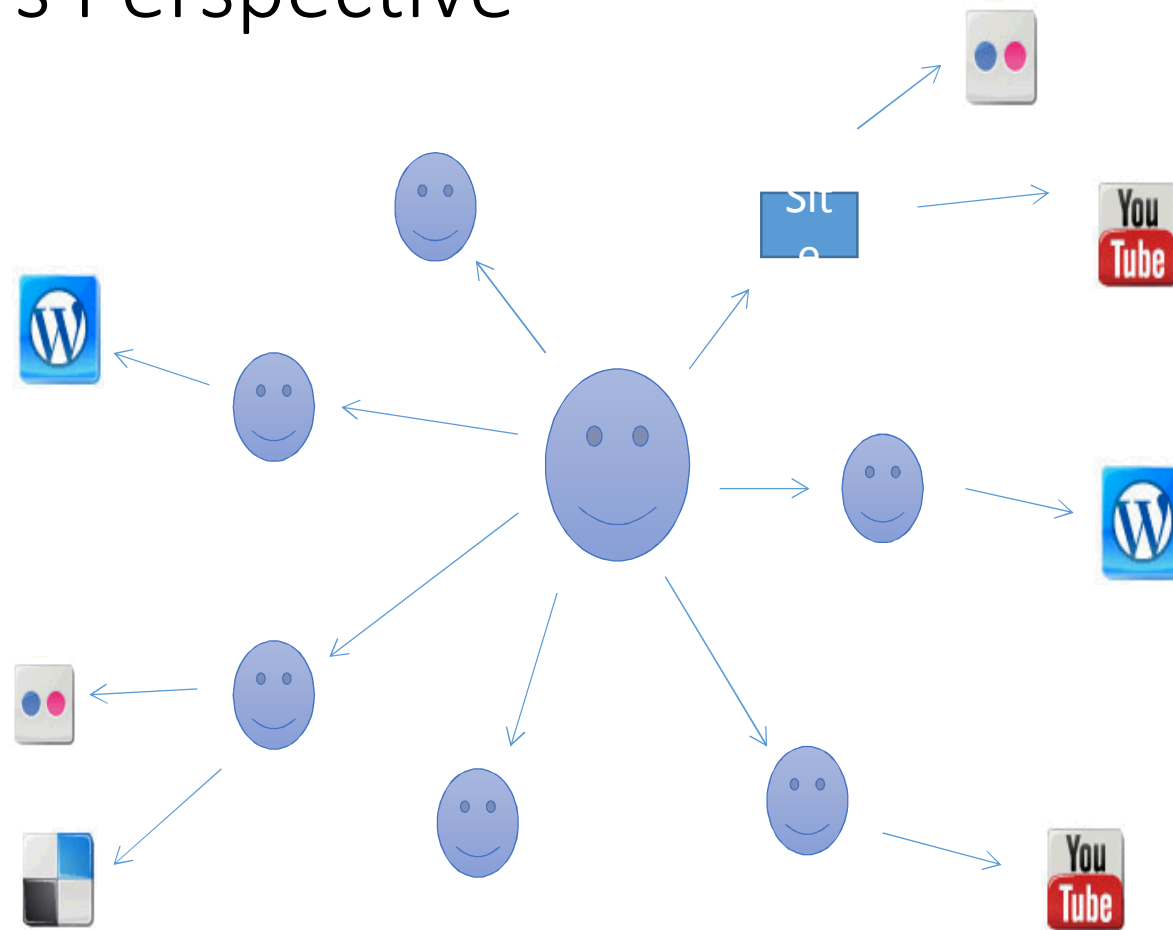
Personal Learning Environments



Course Provider Perspective

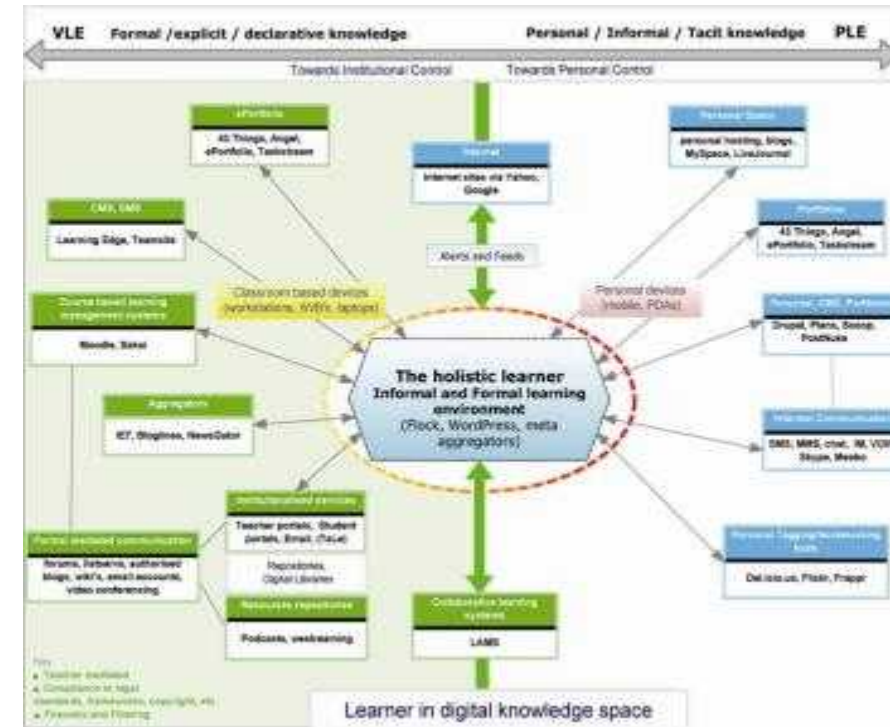
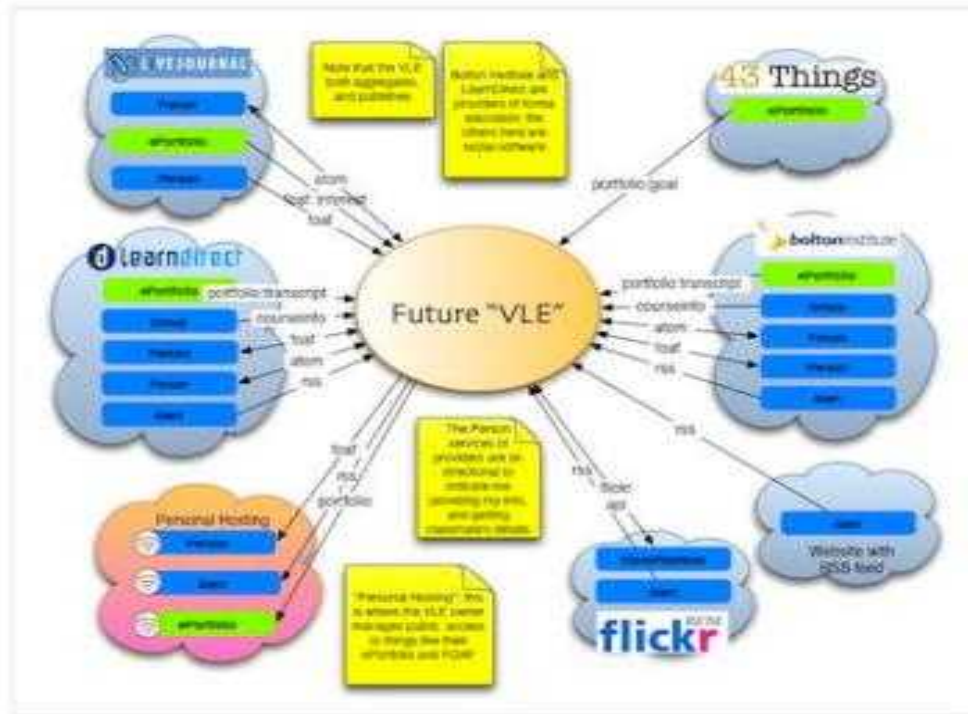


The Student's Perspective



A range of different resources and services

The design is based on putting the learner at the centre



Scott Wilson (left), Tim Hand (right)

<https://www.google.com/search?q=ple+diagrams>

http://www.edtechpost.ca/ple_diagrams/index.php/mind-map-3

Learning and Performance Support Systems



LPSS is Built Around the Personal Learning Record

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

Each person has their own *private* personal graph.

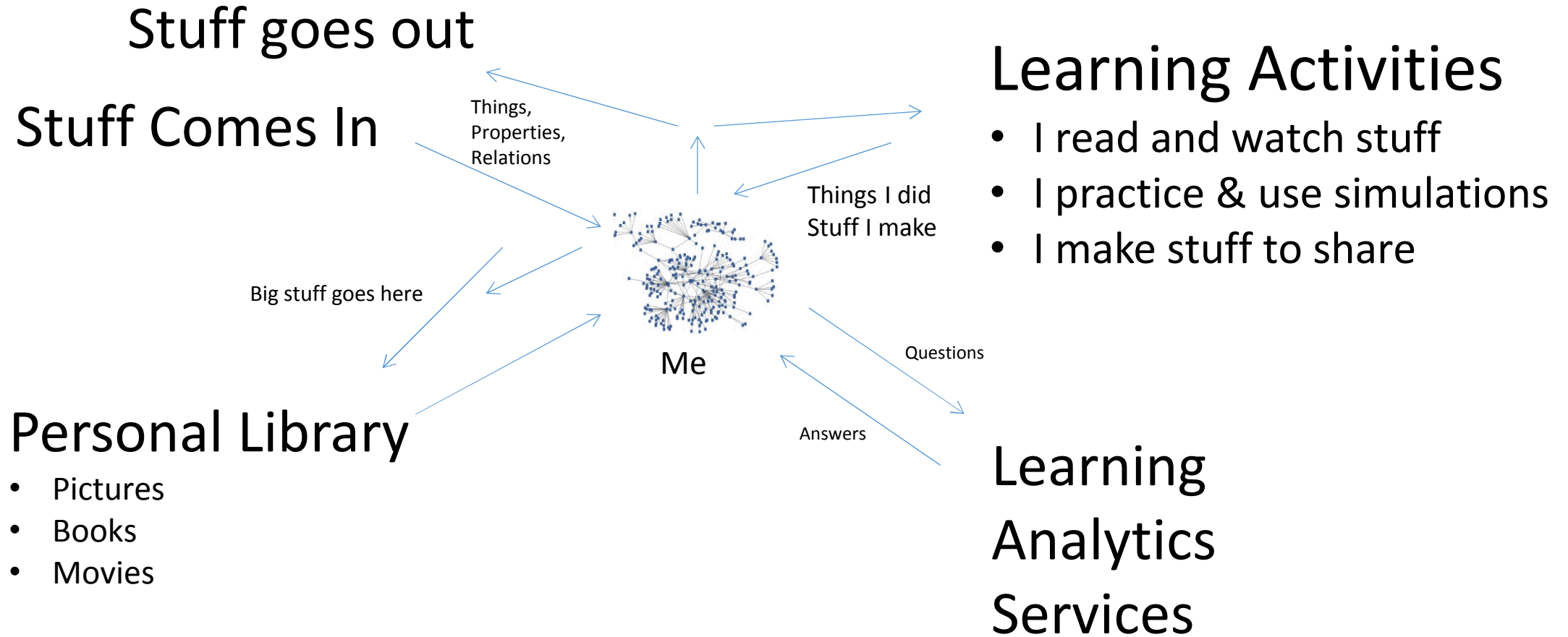


Me

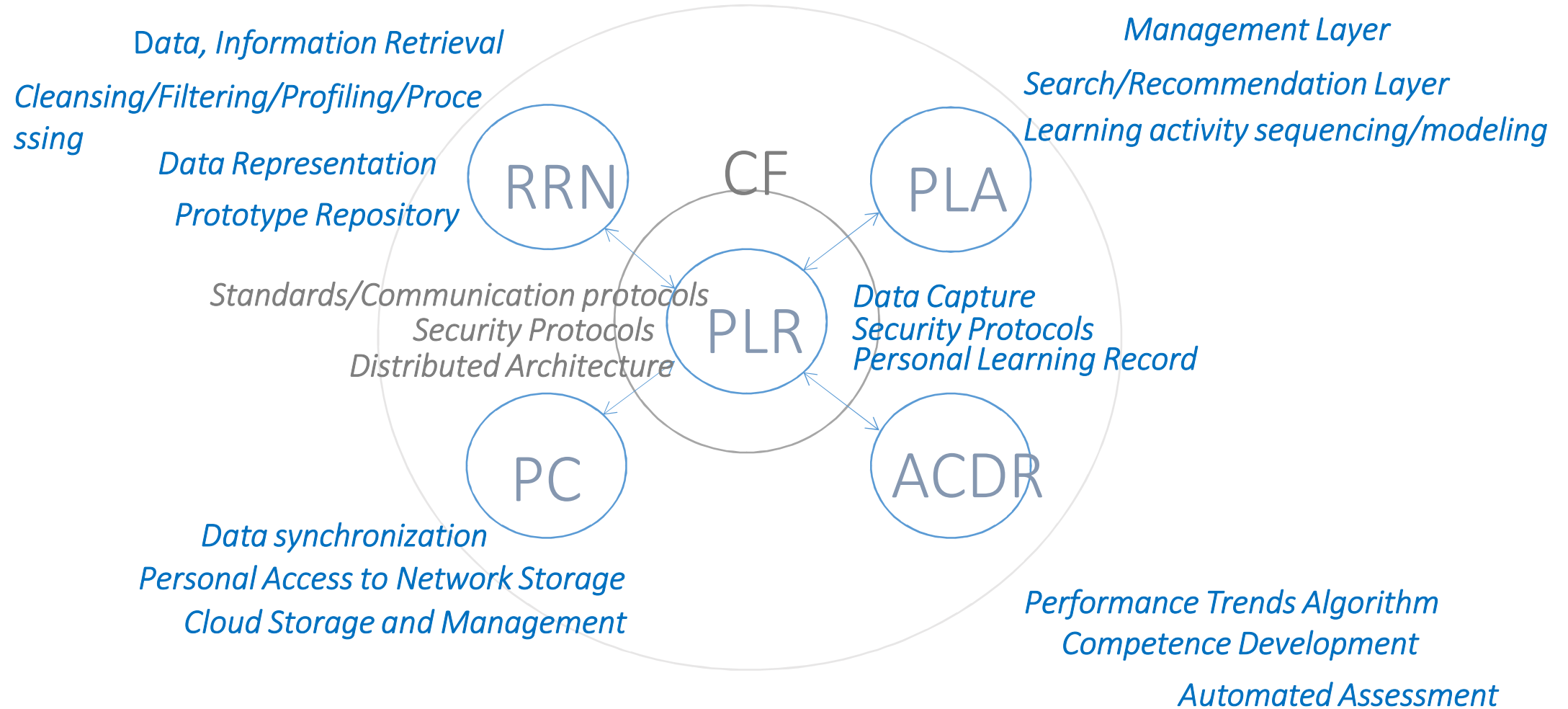
The PLR contains all a person's learning records, including:

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

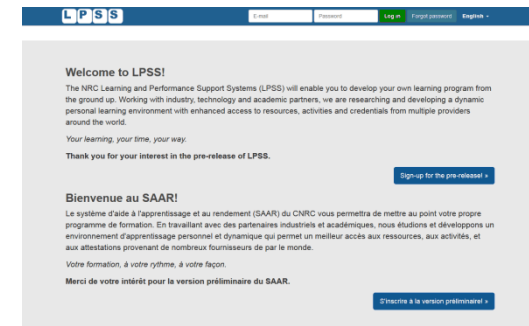
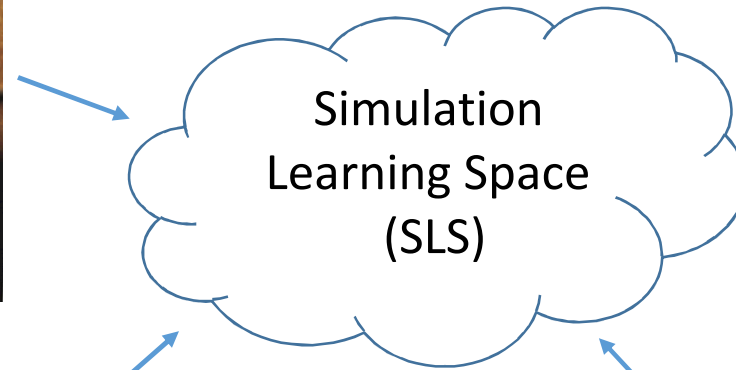
LPSS is Built Around the Personal Learning Record



LPSS Details

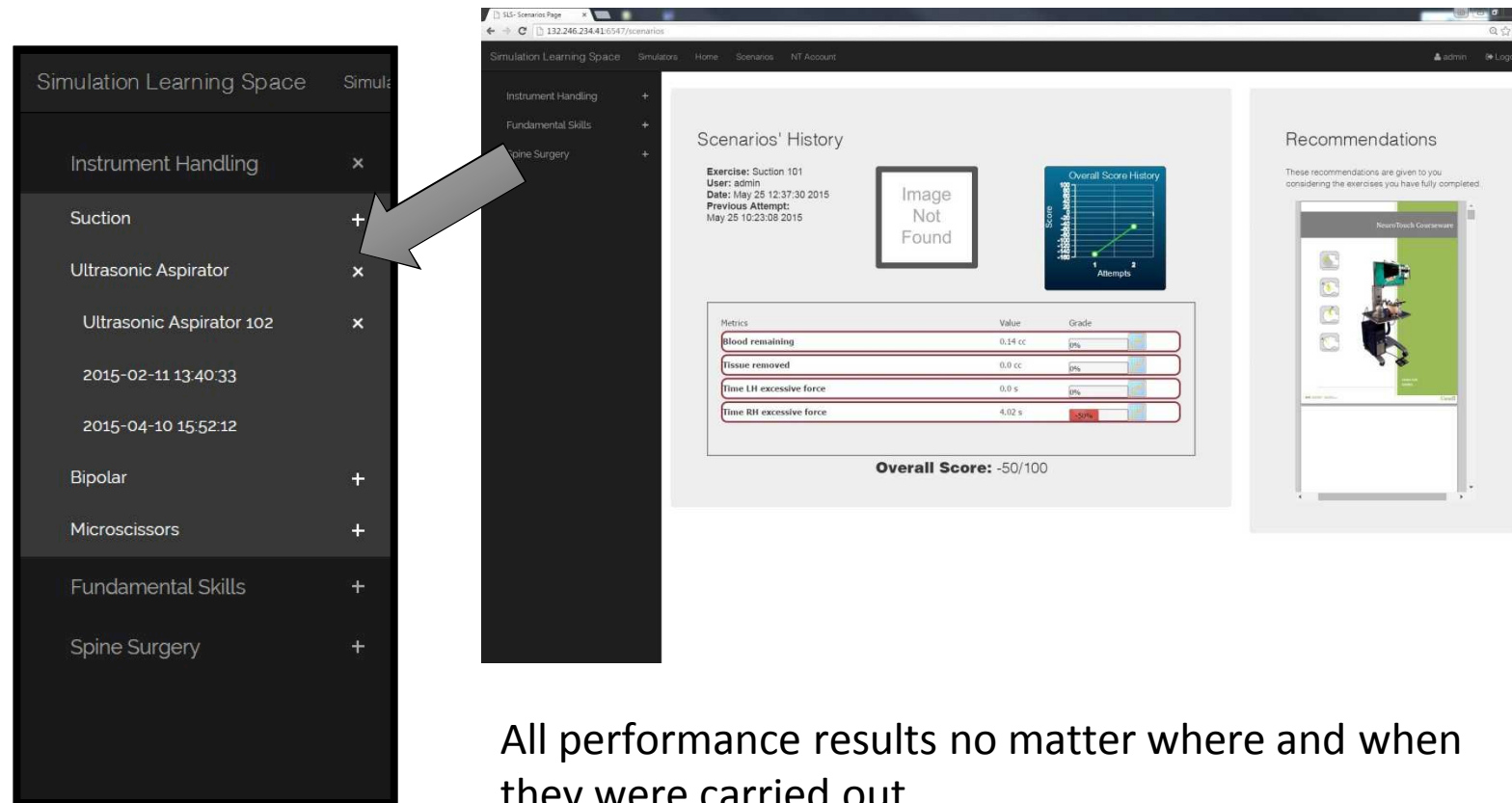


LPSS-Sim Project Overview



Combining Experiences

One place for all simulation experience



All performance results no matter where and when they were carried out

OIF – MOOC-REL



The screenshot shows the homepage of the 'REL 2014 - Pour une éducation libre' MOOC. The header is dark blue with white text for the title and navigation links. Below the header, a dark blue bar contains a login status message. The main content area is white. On the left, there is a sidebar with a graphic titled 'Réutiliser, retravailler, recombinaison, redistribuer' and a list of menu items. The main content area features a large green title, a welcome message, and a paragraph about the course start date and registration process.

REL 2014 - Pour une éducation libre

ACCUEIL VOTRE COMPTE ▼ COMPTES RENDUS ▼ PARTICIPER ▼ SYNDICATION RSS ▼ ARCHIVES ▼

Vous n'êtes pas connecté(e). [[Connexion](#)] - [[Inscription](#)]

Réutiliser, retravailler, recombinaison, redistribuer

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).

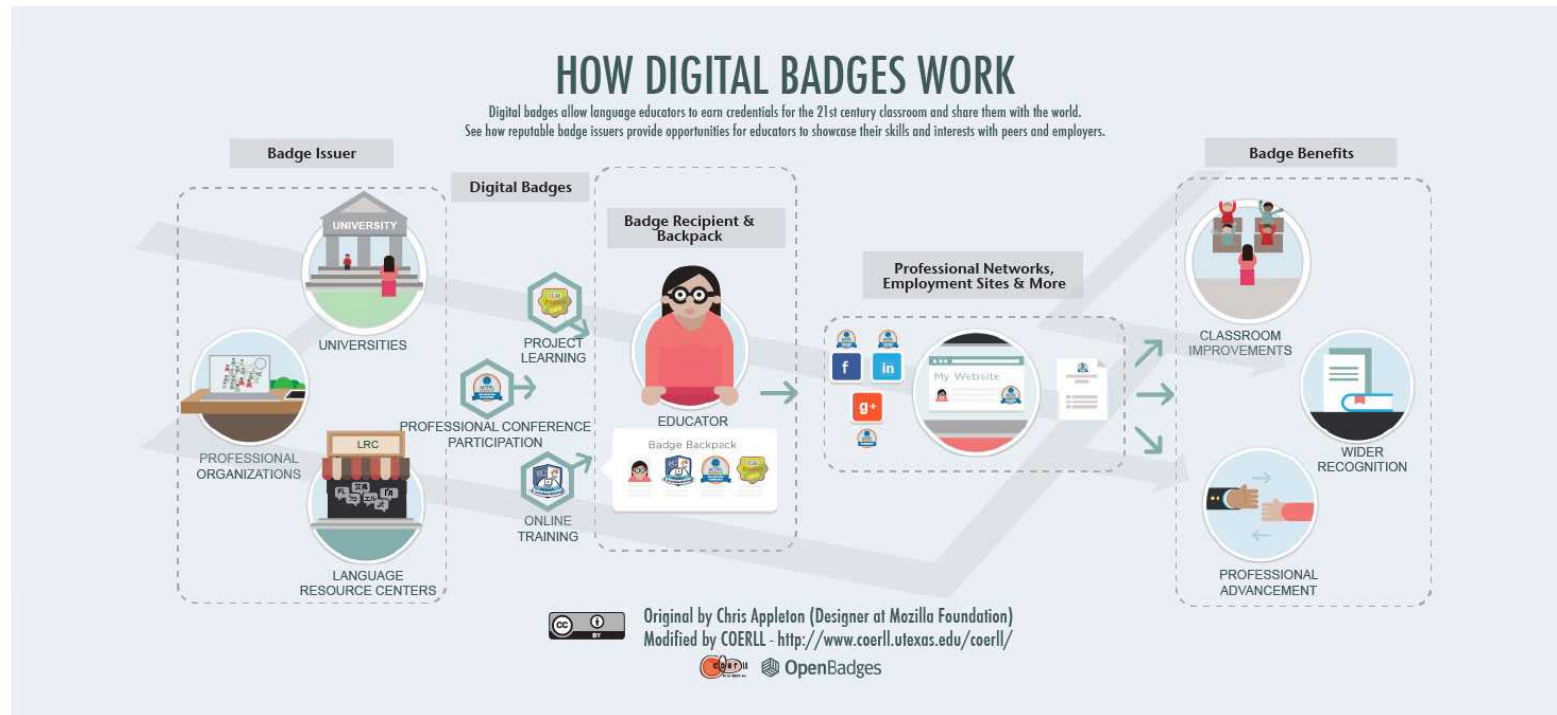
Le cours débute le 3 mars 2014 et dure neuf semaines consécutives. Si vous n'êtes pas déjà inscrit(e), faites-le tout de suite pour recevoir le Bulletin de nouvelles quotidiennes et bénéficier du droit de commentaires/discussion dans le site.

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/>

PCO Badges for Learning



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

ONGARDE



<http://www.journal.forces.gc.ca/vol14/no2/page70-eng.asp>

ALECSO – Capacity Building



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

Concierge OMS

Government of Canada / Gouvernement du Canada | Canada.gc.ca | Services | Departments | Français

Concierge Service

Canada

Home About us Find programs Find facilities My concierge Register Log in

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

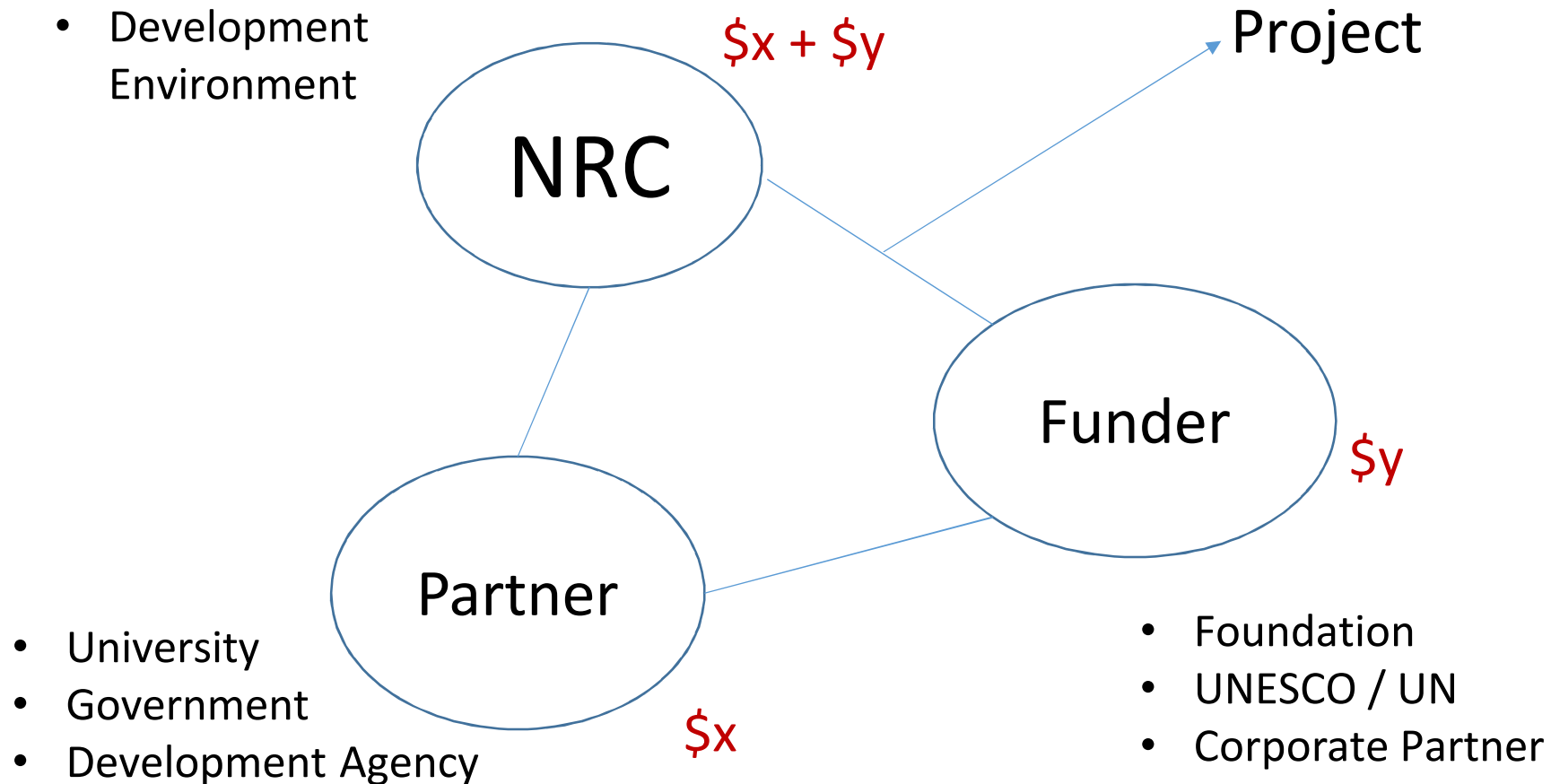
Create an account to get the benefits to support you & your business!



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

Expanding LPSS

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



Possible Projects...

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





Stephen Downes

<http://www.downes.ca>