



(Free) Single Sign On Solution

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Hmm.. free?
What's the catch...



Faux?

Mohawk

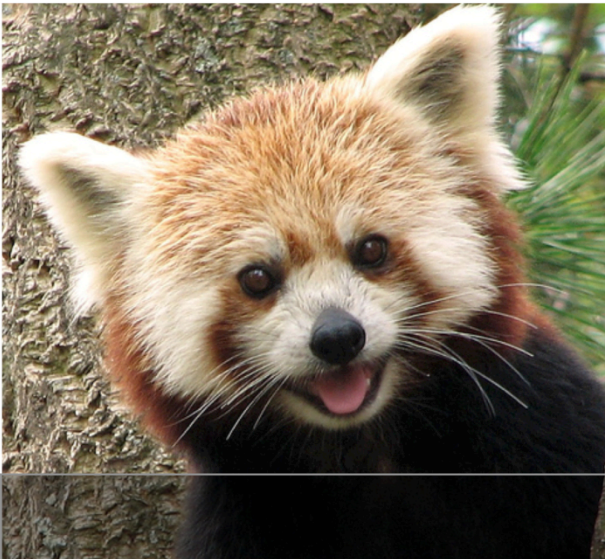
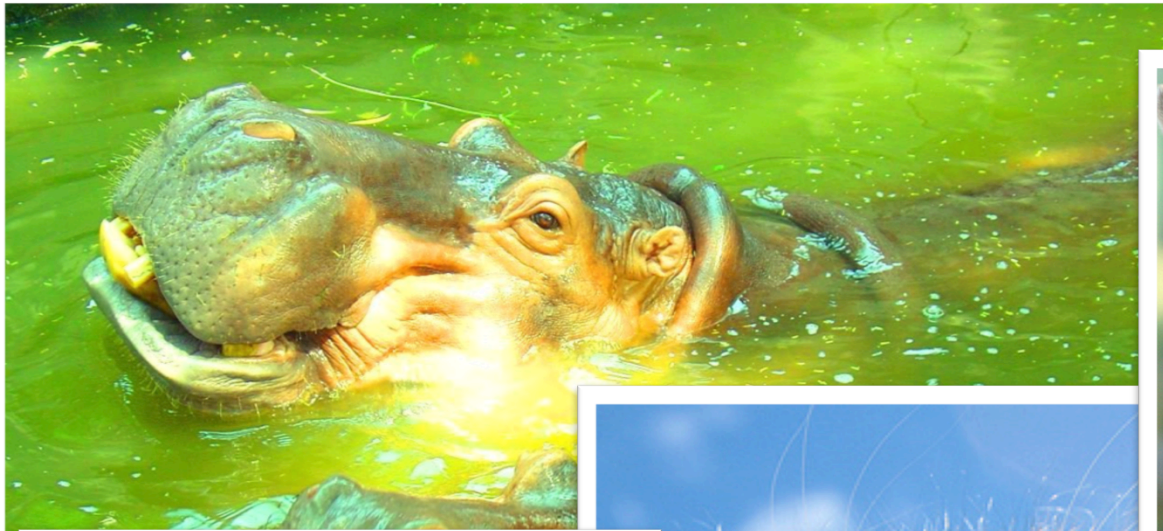


Faux-Hawk



Faux (pronounced /foʊ/, like "foe") is a French word for *false* or *fake*. It is often used in English phrases such as *faux pearls*, *faux fur*, *faux pas* and *faux news*.

Faux Sign On



Objective = Happy Patrons

VITOR FOGASSA

What have you been doing?

Academic:

Institution	Single Sign On	Faux Sign On	Barcode/Pin/Name
Western			
Brock			
Ryerson			
Carleton			
Ottawa			
Concordia			

Public:

Institution	Single Sign On	Faux Sign On	Barcode/Pin/Name
Cambridge			
Kitchener			
London			
Thunder Bay			
Waterloo			

Government:

HRSDC : ?

Down to business...



Traditional:
(located on Innovative
Server)

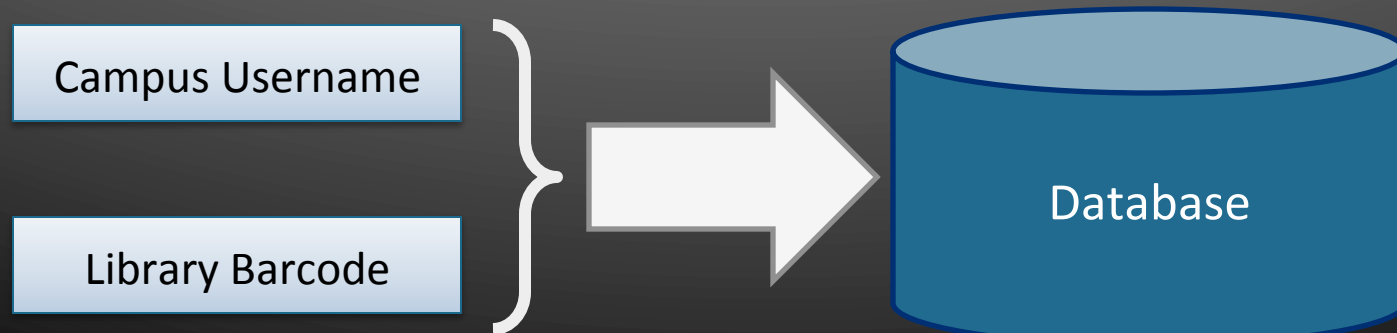
Using your One Card Information

Your Name:
(either first or last name)

Your 13 digit barcode:
(on your staff/student card)

Your Library PIN:
(last 4 digits of student/staff number)

Database diagram:



System Design Cont'd ...



Ryerson login page:
(located on Innovative Server)

Check Your File

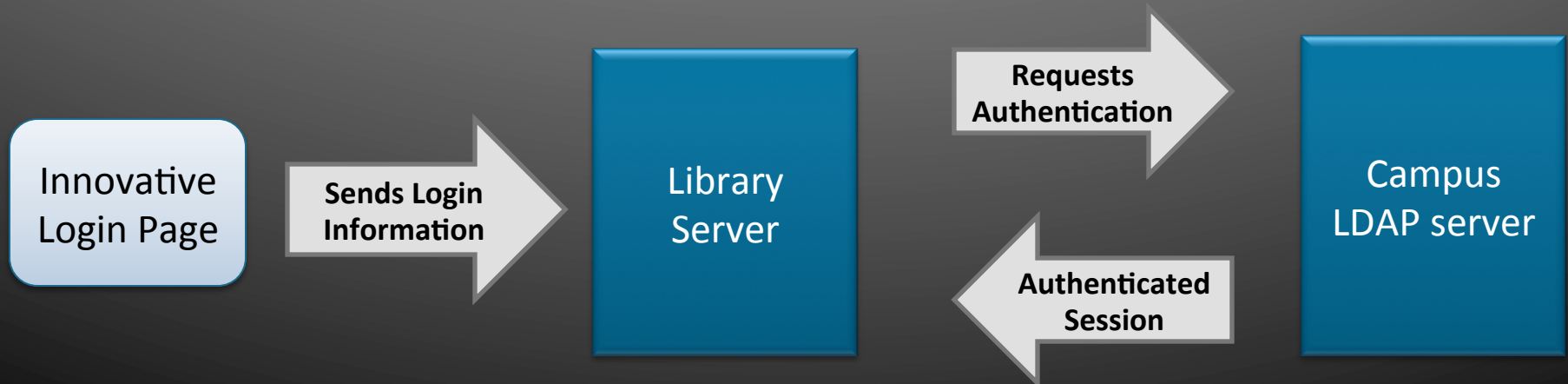
Using your my.ryerson Account

[\(what are the benefits?\)](#)

my.ryerson:

password:

Log in



System Design Cont'd ...



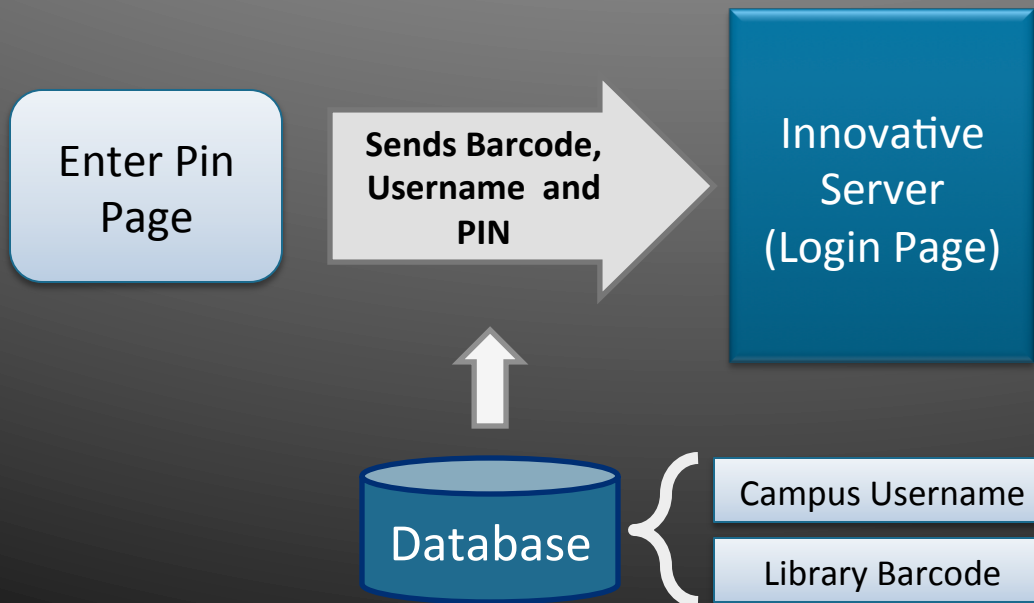
Enter PIN page:
(located on a Library Server)

Welcome, Graham!

Please enter your library PIN to sign into your borrower record.

Library PIN:

[View your borrower record](#)



First login with campus ID

(located on a Library Server)

Welcome, Graham!

Since this is your first time logging in to your borrower record this way , **we need to store your 13 digit barcode.**

([Why not store my library PIN as well?](#))

Once completed, you won't need to provide this information ever again!

We need your **13 digit barcode:**

([Where do I find this?](#))

Submit Information

Barcodes are verified by using a MOD10 Check Algorithm

(Similar to how Credit Cards are validated)

What about placing holds?



Holds page:
(On Innovative Server)

New Search Place A Hold Save Record MARC Display

RECORD # Search

☐ Limit results to available items

Title Intertwinings : interdisciplinary encounters with Merleau-Ponty / edited by Gail Weiss.

Publisher Albany : State University of New York Press, c2008.



Login to place
holds page:
(On Innovative Server)

Place a Hold

Requesting **Intertwinings : interdisciplinary encounters with Merleau-Ponty / edited by Gail Weiss.**

Using your my.ryerson Account

[\(what are the benefits?\)](#)

my.ryerson:

password:

Place Hold

Authentication and Redirection
(On Library Server)

Request
On Hold:
(On Innovative Server)

RECORD # Search

☐ Limit results to available items

Your request for **Intertwinings : interdisciplinary encounters with Merleau-Ponty / edited by Gail Weiss.** was successful.

What you need to get started.



- 1 Ability to modify the **pverify_web.html**
- 2 Access to a web server which can connect to an LDAP server
Also: TLS/SSL encryption enabled
- 3 Ability to create a database

Brief Legend:

LDAP = lightweight directory access protocol
- used for authenticating users

TSL = Transport Layer Security

SSL = Secure Sockets Layer

TSL and **SSL** are used to encrypt data through transfer.

Why worry about TLS/SSL?



Data passing between servers is sensitive

You need to protect your patrons information

How do you know?

- Look for “ [https://](#) ” in the URL
- Look for the [closed yellow lock](#) at the bottom of your browser.





Cookie (pronounced `\kù-kē\`) is a a small flat or slightly raised cake.

2. An attractive woman

3. A small file stored on a user's computer containing identifying information read by a web server

(Definition from <http://www.merriam-webster.com/dictionary/cookie>)



AirPac

- Does not allow edits to the login page.

Millenium Updates

- Cross fingers that Innovative do not change the way they perform patron logins. *(So far so good!)*

Statistics as of (April 1st 2009)

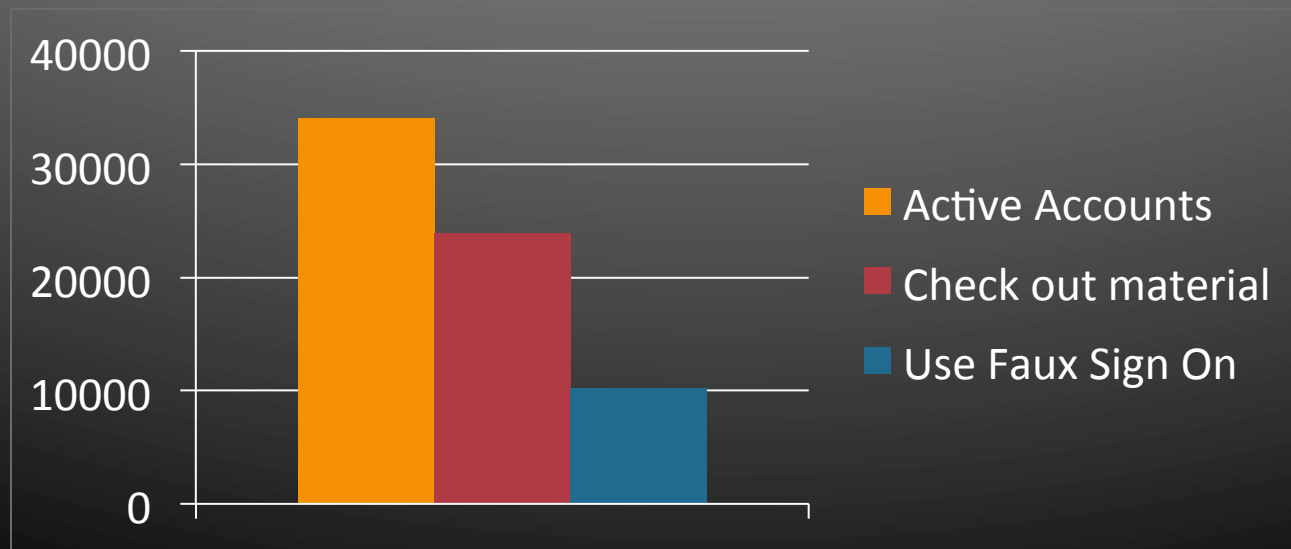
Patrons with active library accounts: 34,111

Patrons who have checked out at least one item: 23,899

Patrons using the Faux Sign On: 10,166

Patrons who stopped using Faux Sign On: 3

42.5% usage of active library users who check out material



More Usage Statistics

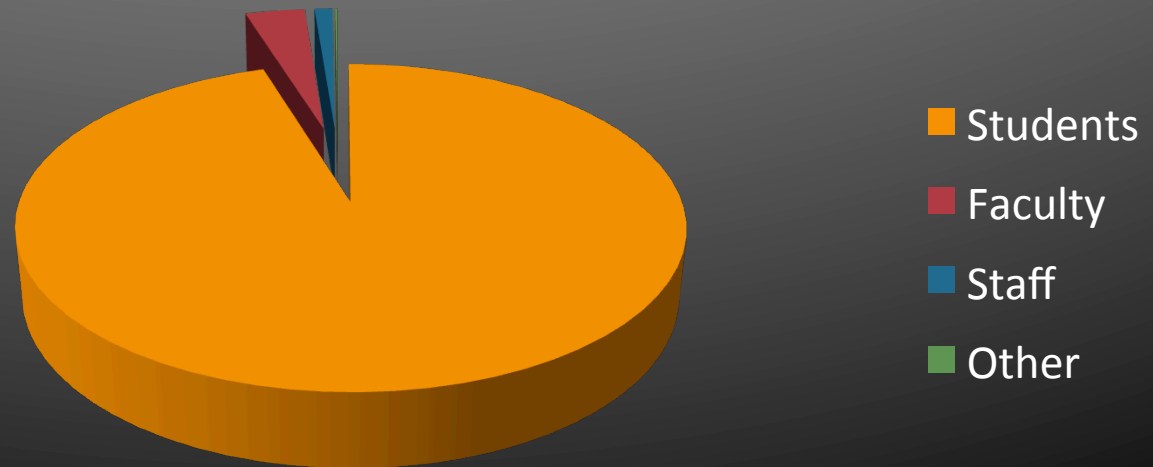


Stats as of (April 1st 2009)

Total usage since release (Sept 2nd 2008): 72,603

Students:	9,681	(95.0%)
Faculty:	363	(4.0%)
Staff:	109	(1.0%)
Other:	16	(0.0%) Approx.

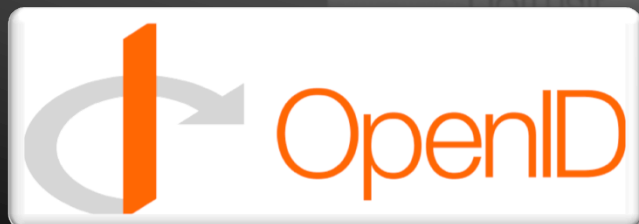
Usage Ratios



Faux Sign On is More than a Campus Login

Login to library account:

- Through a Facebook application
- Using an e-mail address instead of a barcode
- Using a Patron's OpenID

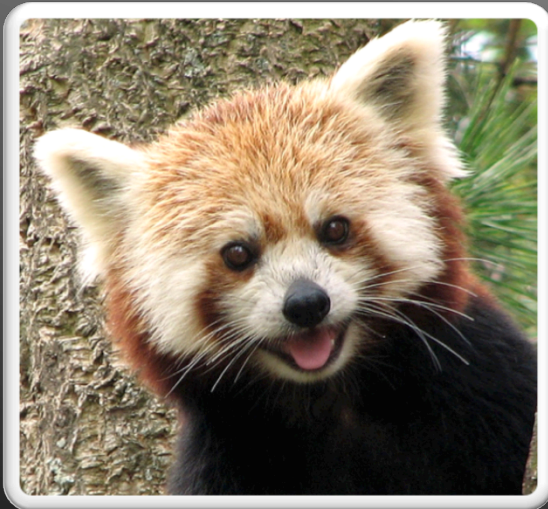


Contact Information

Graham McCarthy

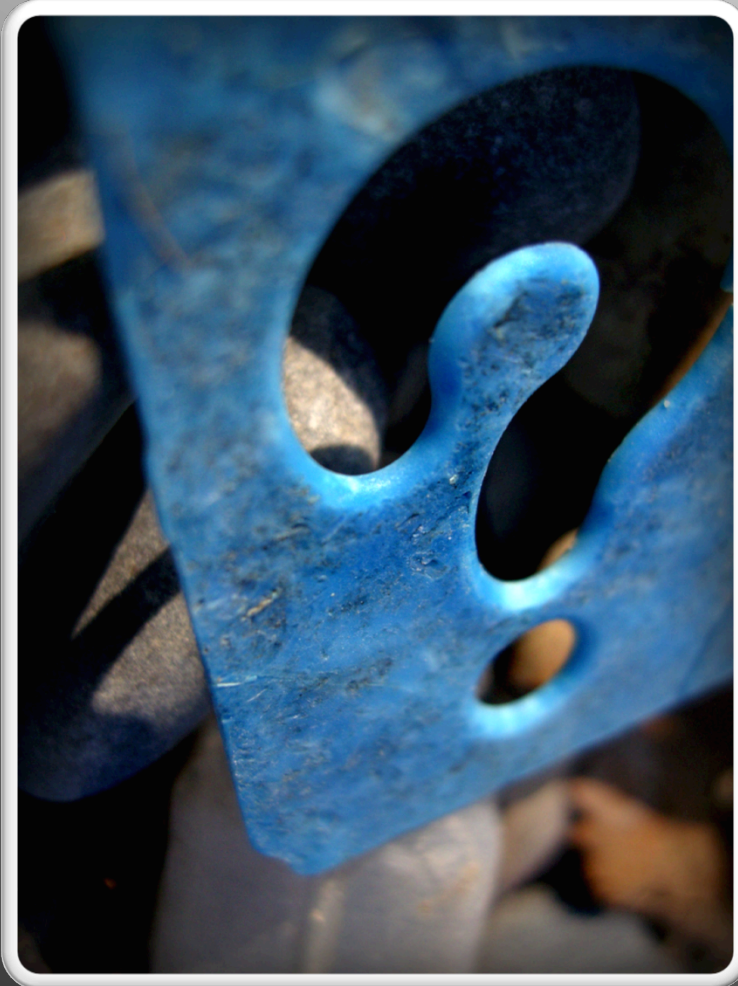
gmccarthy@ryerson.ca

416.979.5000 x2119



Sharing...

Ideas
Designs
Experiences
Code



Questions?

Flickr Acknowledgements:

Graffiti - <http://www.flickr.com/photos/gwen/3148081279/sizes/o/>

Mohawk - <http://www.flickr.com/photos/tommyforbes/385283613/sizes/l/>

Faux-Hawk - <http://www.flickr.com/photos/davidden/1763265904/sizes/l/>

Hippos - <http://www.flickr.com/photos/22193699@N04/3040692147/sizes/o/>

Lamma - http://www.flickr.com/photos/from_linda_yvonne/3315408178/

Cat - <http://www.flickr.com/photos/26686573@N00/1105321884/>

Fuzzy Thing - <http://www.flickr.com/photos/fogassa/2218047791/>

Cookie Monster - <http://www.flickr.com/photos/esti/147733640/sizes/l/>
(Fuzzy Thing again)

Question Mark - <http://www.flickr.com/photos/87765855@N00/3105128025/sizes/l/>

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