Agenda

- What is a UPEI?
- What The Hell IS a Repository?
- What is a Fedora? I Thought it Was a Linux?
- Why Would You Do This, Mark?
- Islandora Demo
- Can We Go Now?
What is A UPEI?

4K students, 28ish staff

A few contractors

Most dev so far farmed out (UNB) or in-house using DSpace & custom

Just getting started
<table>
<thead>
<tr>
<th>Department</th>
<th>Members/Representatives</th>
<th>Responsibilities</th>
</tr>
</thead>
<tbody>
<tr>
<td>Administration &amp; Systems</td>
<td>Mark/Pauline, Grant, Jerrad, David, Paul</td>
<td>Administration, Systems, Facilities, Students</td>
</tr>
<tr>
<td>Library Council</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Systems/Website Committee</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Collections &amp; eResources</td>
<td>Norine/Gerry, Joy</td>
<td>Collections Budget, Subject Specialists, Databases/ERM/Serials, Acquisitions</td>
</tr>
<tr>
<td>Collections Committee</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Reference &amp; Circulation</td>
<td>Cathy/Peggi, Chris, Gordie, TBD, James</td>
<td>Reference (pRef/vRef), Circulation, Reserve/eReserve, Rooms/Laptops/Media</td>
</tr>
<tr>
<td>Reference Committee</td>
<td></td>
<td></td>
</tr>
<tr>
<td>OutReach &amp; Communications</td>
<td>Suzanne/Dorothy</td>
<td>Fundraising, Alumni, Communications/Promotions</td>
</tr>
<tr>
<td>Fundraising/Communications Committee</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cataloguing &amp; Metadata</td>
<td>Louise/Judy, Dale</td>
<td>Cataloguing, PAD/Local Databases, Metadata Services</td>
</tr>
<tr>
<td>Metadata Services Committee</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Instruction &amp; Education Services</td>
<td>Betty/Cindy</td>
<td>Information Literacy, Classroom/Teaching Supports, WebCT/Moodle</td>
</tr>
<tr>
<td>Education Services Committee</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Archives &amp; Special Collections</td>
<td>Simon/Leo, Jason, Chris</td>
<td>Archives, Special Collections, Records, Digitization</td>
</tr>
<tr>
<td>Archives/Records Committee</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Data &amp; Research Services</td>
<td>Dawn/Dawn</td>
<td>DLI/RDC/Data Services, IR/VRE/Research Services, ILL, Research Consultation</td>
</tr>
<tr>
<td>Research Services Committee</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
What the Hell IS a repository?
1. a. A vessel, receptacle, chamber, etc., in which things are or may be placed, deposited, or stored.

1. b. A place or thing within which something immaterial is thought of as deposited or contained.

1. c. A place in which a dead body is deposited; a vault or sepulchre.
Repository
Redux
1. Brought back, restored.

2. Path. Of crepitation or other physical signs: indicating the return of an organ to a healthy state.
The Red and White magazine holds a central place in the institutional memory of St. Dunstan's University and the University of Prince Edward Island.

Published from 1909 through to the demise of SDU in 1969, the Red and White was written, edited, printed, and distributed by SDU students.

This collection is full text searchable by title, contents and metadata.

Collections in this community

1909-12 (Vol. 1 No. 1, December 1909)
1910-03 (Vol. 1 No. 2, March 1910)
1910-05 (Vol. 1 No. 3, June 1910)
Repository Redux
Flexible Extensible Digital Object Repository Architecture
Why would you do this Mark?
Invisible DRS
users context
In all systems:
Drupal, Moodle, 
GW, Office, etc
support for Admin, 
Learning and 
Research 
landscapes
External Partners
Extra Vision

Help build staff capacity by implementing a suite of open source tools that provide a framework for skills development with new and emerging Digitization/Semantic Web tools...

In other words...

Encourage people to play
Redefine Tradition

Library as silo stewarding just books & magazines no Worky no more

Libraries must expand vision and reach services and resources of the Library core to all contexts and landscapes...
• paper and digital objects in the campus context
• Records, Archives & canonical data resources like the Campus Calendar
• work with other units to efficiently steward admin data
Learning Landscape

• Learning resources & services
• Focus on integration of Moodle and Fedora
• Faculty/Student produced, eReserve
• RSS feeds, e-mail, Live-Help, etc.
- Any data generated in the course of Research
- Steward short and long-term research data in Fedora, No Matter the format or discipline
- Seamless integration for researchers
VRE Foundations
Research Model

Value
- teaching/research
- numeracy
- informed public

Initial Results
- Grant reports
- technical reports
- thesis

Analysis
- Presentations
- conferences
- seminars

Initialising
- Grant applications
- meeting minutes

Conceptualising
- E-mails
- letters
- literature reviews

Popularising
- Popular literature
- newspapers
- practice

Formalising
- Journal articles
- books
- curricula content
- policy

Chuck Humphrey, UofA
Research Groups

- AVC (Lobster Science, MHL/Synapse, MQM, CAHS, Diagnostic, VRL)
- Science (MNPL, MaRS, Morphospace, DMS)
- Arts (Island Studies, Frye, CMTC/Chimes/Musicog, LMMI)
- Education (Artscape, SLC, LivingArchives)
Key to making this work:
Know the User and Their Context
Based on Richard Green, RepoMMan Project
VRE User Model

Drupal

Fedora

User/Community
Context
Collaborative Tools

LDAP
Shibboleth
OpenID

Objects
Collections
Disseminators
Once you know the users and their contexts...
and relationship to digital objects...
You can do cool things...
Any Trusted Member of the Community linked to a research object can approve it...

no need to define a separate list of “editors” and their trust relationships

Once objects have been associated with one or more communities...

They show up in the community context where/when appropriate

Semantic layer of VRE facilitates new and dynamic relationships...

defined by the creators and the communities they participate in
VRE Architecture

Creative Commons/Open Source

Research/Administrative Interface

Fedora Digital Repository

Drupal CMS

OJS

Data

OCS

Gear

Info Resources

Create

Chat

MySQL

Web Resources

RDF

OpenURL

Custom

OCS

Moodle LMS

New

Consume

RSS

Disseminators

MySQL

WebDAV

Other DRSs

Shibboleth/LDAP/OpenID

Education Interface

Create

Consume
Fedora Digital Repository System

- Documents/Papers/Theses
- Images
- Video/Audio/Animation/3D
- Sequences
- Records/Complex Objects

Moodle LMS

- VRE Education
- Lesson Planning
- Testing/Surveys
- Course Delivery

Admin Tools

- dotProject
- Bubbl.us
- LISTSERV

Drupal CMS

- Website/Groups
- Discussion Forums
- Blogging/RSS Integration
- Collaborative Editing

Plugins

- Quick Chat/Contact
- Chat Discussion/Sharing (Meebo)
- Chat Tech Support (Crafty)
- Citation Management (RefWorks)
- Website Management (Del.icio.us)
- Federated Search/Linking (ASIN)

Verticals

- Critter Database
- Sequence Analysis (SMS)
- Academic Conferences (OCS)
- Academic Journals (OJS)
- Virtual Microscopy
VRE Interface Ver 1.0

General Website

Creation/Admin Tools

Communication Tools

Library Tools

Lab Tools

Repository Tools
Disseminators
**Ingest**
Items can be transformed and stored in the Repository on submission

**Retrieval**
Items can be transformed on the fly when accessed by a user or machine
Workflow Disseminator
Social Disseminator
VRE Demo
Introduction to the UPEI VRE

Welcome to the University of Prince Edward Island's VRE project. VRE stands for Virtual Research Environment and is our framework for supporting the various research initiatives at UPEI. The VRE is being developed by the Robertson Library in conjunction with our research partners, all of which are linked to above.

By admin at 2006-12-04 14:52 | Add new comment | Read more

VRE Administrators Training Course - Groups, Taxonomy and Troubleshooting

MONDAY 1PM, TUESDAY 10AM ITEC COMPUTER LAB
(between Webster Centre and Elearning coordinators office in library Annex)

The second in our series of courses will address groups, taxonomies and basic troubleshooting. At this point all should be basically familiar with the layout and simple operations of the front end of the VRE.

Requirements - An idea of what your VRE is going to do.

Groups - Allow you to create different communities within your VRE. These communities can be ‘gated’ or ‘open’.

By admin at 2007-07-16 10:59 | admin's blog | Add new comment | Read more

VRE Administrators Training Course

Our first day of training for the VRE will be this week -- Wednesday at 1pm and Thursday at 10am in the LINK in the library. These are open sessions, but computers will be given first to those people who are currently in the VRE 'system' here at UPEI. It's going to be an interesting day!
Submit Blog entry

Title: *
Managing information quality in e-Science using Semantic Web technology

Training:
A comma-separated list of terms describing this content. Example: funny, bungee jumping, “Company, Inc.”

Body: *
Managing information quality in e-Science using Semantic Web technology - We outline a framework for managing information quality (IQ) in eScience, using ontologies, semantic annotation of resources, and data bindings. Scientists define the quality characteristics that are of importance in their particular domain by extending an OWL DL IQ ontology, which classifies and organises these domain-specific quality characteristics within an overall quality management framework. RDF is used to annotate data resources, with reference to IQ indicators defined in the ontology. Data bindings - again defined in RDF - are used to represent mappings between data elements (e.g. defined in XML Schemas) and the IQ ontology. As a practical illustration of our approach, we present a case study from the domain of proteomics. [VRE RefWorks]

Path:
disable rich-text
- Input format

Audience:
- Developers
This is not a web site!

... this is a laboratory.

VRE-MHL-α is a Virtual Research Environment based on the concept of open research space. The future of science is open and here we deliberately explore the opening of the research process and how this applies to our community. We are still in the alpha phase.

By Franck Berthe at 2007-02-07 13:06 | Add new comment | Read more

The paradox of mollusc hatcheries

In 2003, I was giving a communication entitled "paradox of mollusc hatcheries" during the 5th edition of Diseases in Asian Aquaculture, held in Brisbane, Australia. The driving idea of the address was that hatcheries have a serious potential for increased transfers of live animals and consequently increased transboundary movements of pathogens. On the same token, hatcheries offer tremendous opportunities for better control of health status of seeds and broodstock alike. That was the paradox I was trying to illustrate in 2003...

By Franck Berthe at 2007-07-12 10:38 | No Image | Franck Berthe's blog | Add new comment | Read more

Life could be dream...

It was rather late this morning - I confess - when I logged in and it was already quite busy on MHL boulevards. I was really glad seeing member names queuing up on the screen and certainly happy imagining them cruising the brand new pages with ups of eyebrows and shaky heads.
About

Development tasked for the UPEI Robertson Library VRE project.
How to view the associated collections from the Fedora Digital

White Archives
Audio Collection
Video Collection
Document Collection
Image Collection
Photo Collection
Artifact Collection
RE Collections

Upload File
This XML file does not appear to have any style information associated with it. The document tree is shown below.

```xml
  - <foxml:objectProperties>
    <foxml:property NAME="info:fedora/fedora-system:def/model#contentModel" VALUE="video"/>
    <foxml:property NAME="info:fedora/fedora-system:def/model#label" VALUE="Driving In Cairo"/>
    <foxml:property NAME="info:fedora/fedora-system:def/model#state" VALUE="A"/>
    <foxml:property NAME="http://www.w3.org/1999/02/22-rdf-syntax-ns#type" VALUE="FedoraObject"/>
  </foxml:objectProperties>
  - <foxml: datastream ID="DC" STATE="A" CONTROL_GROUP="X">
    <foxml: datastreamVersion ID="DC.0" MIMETYPE="text/xml" LABEL="Default Dublin Core Record">
      <foxml:xmlContent>
        <oai_dc:dc>
          <dc:title>Driving In Cairo</dc:title>
          <dc:creator>mellott</dc:creator>
          <dc:subject>traffic, Cairo, Egypt</dc:subject>
          <dc:description>A short clip from the back of a van driving through a busy street in Cairo.</dc:description>
          <dc:publisher>UPEI</dc:publisher>
          <dc:date>2007-10-06 08:01:09 PM</dc:date>
          <dc:type>video</dc:type>
          <dc:format>video/x-msvideo</dc:format>
        </oai_dc:dc>
      </foxml:xmlContent>
    </foxml: datastreamVersion>
  </foxml: datastream>
  - <foxml: datastream ID="RELS-EXT" CONTROL_GROUP="X">
    <foxml: datastreamVersion ID="RELS-EXT.0" MIMETYPE="text/xml" LABEL="Fedora Object-to-Object Relationship Metadata">
      <foxml:xmlContent>
        <rdf:RDF>
          <fedora:isMemberOfCollection rdf:resource="info:fedora/test:8"/>
        </rdf:RDF>
      </foxml:xmlContent>
    </foxml: datastreamVersion>
  </foxml: datastream>
  - <foxml: datastream ID="TEST_102_0208.AVI" STATE="A" CONTROL_GROUP="M">
    <foxml: datastreamVersion ID="TEST_102_0208.AVI.0" MIMETYPE="video/x-msvideo" LABEL="Driving In Cairo">
    </foxml: datastreamVersion>
  </foxml: datastream>
</foxml:digitalObject>
```
Fedora Collections

Use the links below to view the associated collections from the Fedora Digital Repository.

- Red and White Archives
- CMTC Audio Collection
- CMTC Video Collection
- CMTC Document Collection
- CMTC Image Collection
- Test Image Collection
- Test Video Collection
- Test Document Collection
- Test Audio Collection
- Library VRE Collections

Printer friendly version
Fedora Collections

Home

Printer friendly version

Fedora Collection
Driving In Cairo
ID : TEST_102_0208.AVI
Label : Driving In Cairo
Mime Type : video/x-msvideo
ID : DC
Label : Default Dublin Core Record
Mime Type : text/xml
ID : RELS-EXT
Label : Fedora Object-to-Object Relationship Metadata
Mime Type : text/xml
collections

friendly version

collection

Cairo
  TEST_102_0208.AVI
  Driving In Cairo
  : video/x-msvideo
  DC
  Default Dublin Core Record
  : text/xml
  RELS-EXT
  Fedora Object-to-Object Relationship Metadata
  : text/xml
Fedora Collections

Fedora Collection

Red and White Archives
1909-12 Vol-1 No-1 December 1909
1910-03 Vol-1 No-2 March 1910
1910-06 Vol-1 No-3 June 1910
1910-12 Vol-2 No-3 December 1910
1911-04 Vol-2 No-2 Easter 1911
1911-06 Vol-2 No-3 June 1911
1911-12 Vol-3 No-1 December 1911
1912-03 Vol-3 No-2 March 1912
1912-05 Vol-3 No-3 May 1912
1912-12 Vol-4 No-1 December 1912
1913-03 Vol-4 No-2 March 1913
1913-05 Vol-4 No-3 May 1913
1913-12 Vol-5 No-1 December 1913
1914-04 Vol-5 No-4 April 1914
1914-06 Vol-5 No-3 June 1914
1914-12 Vol-6 No-1 December 1914
1915-03 Vol-6 No-2 March 1915
1915-06 Vol-6 No-3 June 1915
1915-12 Vol-7 No-1 December 1915
1916-04 Vol-7 No-2 April 1916
1916-05 Vol-7 No-3 May 1916
Fedora Collection

1909-12 Vol-1 No-1 December 1909

01 Christmas.pdf
02 Social Unrest and Civil inertness.pdf
03 John Glint-s Christmas Gifts.pdf
04 The study of English In our Public Schools.pdf
05 Gloria In Excelsis.pdf
06 Editorial.pdf
07 Waiting through Long Delay.pdf
08 Stanley Bros Advertisement.pdf
09 Pointed Paragraphs.pdf
10 Literary Gems.pdf
11 The Green Coat.pdf
12 Metrical translation of Virgil-s Areneid.pdf
13 Alumni.pdf
14 With the Funny Man.pdf
15 Athletics.pdf
the doctrines that rose and reigned dulem

past hundred years, none now claim so

y supporters as Socialism. It now boasts

wing in Europe and America; its near-

in parliament and cabinets, its papers

ets are distributed broadcast, its orators

ews on the street corners and gath-

in halls and lecture rooms their audiences

tinged with socialist hues; it colors

s of France and Italy and in the opin-

piration of John Burns and Philip Snow-

that doctrine, condemned in press and

inkers. What then are the reasons for its

and great popularity and how can it be

ost effectively or even turned to good use?

wo questions I shall endeavor to give an-

questions seldom if ever touched up-

ality of Anti-Socialist writers and

other extravagant doctrine ever known

Socialism has some basis of truth; the

have suffered and are suffering injustices

In the words of

ly! The real value of Socialism lies in the

and indispensable protest of the working

aspirations after a better order of

or the past one hundred and fifty years

and luxury, squander on entertainment and

employing class.

2 SOCIAL UNREST AND CIVIC INERTNESS

dress, wealth wrung from the poor laborers, who see

their own homes, remain as small, their living as mea-

gre as in the days of long ago. Wages, certainly, have

increased. But so has the cost of living. Factory life

has, in many instances, improved, conditions in and

around mines have been bettered; in many places more

sanitary dwellings have been provided, but the condi-

tions of many laborers have remained in their primar-

stage or perhaps grown worse. We yet look on and

see the lower and more difficult kinds of labor done as

they were at the beginning; pick and shovel are the

field equipement of our street laborers, as they were

of the Roman slaves; we yet see our women on bend-

ed knees scrubbing our floors, while all will admit, that

the stokers on an Ocean Greyhound are worse off and

suffer more than did their forbears in Fulton's Folly

a hundred years ago. While we allow that, and, appar-

ently, think it right, you can scarcely enter an office of

any account where you are not greeted by a high-class

typewriter, not a sash and door factory but has machin-

ery for almost all the work, not a hotel or office build-

ing but has replaced its stairs by well-fitted elevators,

so we leave the most unpleasant kinds of work in the

garb of venerable antiquity and spend fortunes trying

to improve those that were, from the beginning, far

more pleasant:

Then very many of our employers remain quite indif-

ferent to the life of their workers. We mea-


Search results
Collection Results
Total Hits = 90, Number of Hits/page = 10

1. rw:2715
12 he may be an alcoholic p 56-57
Score:(1.0)

Text Stream
50. HE MAY BE AN ALCOHOLIC Does your dog have a hangdog look? Is he nervous ...
... still, Oh Heaven forbid! maybe your dog is becoming an alcoholic. If you suspect
this, do not become panicky, but rather become close to your dog-close enough to
smell his breath. If, instead

2. rw:2497
05 gone to the dogs p 9-11
Score:(0.66143775)

Text Stream
of a painless death chamber for animals. Any poor dog or cat which happened to be
maimed ... proverb, and 10 always will, providing ?home? is not so stretched as to
include the dog ... duties to our neighbour take precedence over any we might have
to his dog or cat. Heaven knows
Enter your keywords: dog

Choose a field to search: dc.title

Advanced search

Search results

Collection Results

Total Hits = 90, Number of Hits/page = 10

Next

11. rw:2413
23 The Funny Man p 60-62
Score:(0.44194174)

Text Stream: Coady: ?No, he?s a bull-dog.? Frank M.: ?What would you think of a man who leaves his ... dog chase cows?? Fair One: ?I should think he was a beast.? Frank: Joe C----y ?I just saw

12. rw:2254
09 a boys education p 61
Score:(0.43749997)

Text Stream: is beginning to wonder? They?re all education to me. The dog that?s his constant companion
Learning Landscape

learn@UPEI.ca
Moodle

- Integrate Fedora into Moodle as the LOR
- Provide an “invisible” Fedora tool for Moodle
- Facilitate the “federation” of resources in both the learning and research landscapes and the creation of dynamic collections
- Use Fedora as basis of ePortfolio in Moodle
Living Archives

- CCOP Funding
- Drupal/Fedora for grade 7 students to create eTexts based on the Anne of Green Gables text and collection of digital objects
- 2nd Life integration with OpenSym
Welcome to the Living Archives
Some Things Don’t Change

Submitted by Anne of Green Gables on Tue, 09/25/2007 - 12:27.

My Mother, The Teacher

I always thought one-room schoolhouses disappeared in about 1920. Until, that is, I was working on this project and happened to ask my mother if she knew anything about one-room schools.

“Oh my goodness, yes,” she exclaimed. “Why, I taught in one!”

“You did WHAT?” I asked. “Where? When? How old were you?”

“Oh, I was eighteen,” she said. “I finished high school and they were so short of teachers in Ontario – this would have been around 1951 – that I took a summer course and earned a certificate. I was really lucky, too – I sang in the choir at church, and someone from one of the schools heard me sing a solo. They wanted someone who could teach the children music and games as well as the subjects, so I got hired.”

“The first year, I had fourteen students in seven grades. The second year, we had so many students they had to hire another teacher, and I taught four grades in the morning, then we all went home, and the other teacher taught the other four grades in the afternoon.”

My own mother, a teacher in a one-room school for two years! But I was in for more shocks....

Driving Out the Teacher?

I went to the library in my home town of Fleshterton, Ontario (population 600 on a good day), and asked for books about one-room schools. Georgina, the librarian and older sister of a school friend of mine, smiled. “We don’t have many books,” she said, “but I went to a one-room school. Most of the schools around here were one-room until the 1960s, when you moved here. You just missed them by a year!”

It turned out that everyone in the library had gone to a one-room school but me.

My high-school boyfriend’s older brother told me that when he went to a one-room school, they drove out the teacher in a matter of months.

“How did you do that?” I asked, fascinated.

“Well,” he said, starting to laugh, “we realized that if we went up into our tree house at lunch, she couldn’t make us come down. So we...
At the turn of the 19th century, about 470 school districts existed in Prince Edward Island, each with its own small school. The quality of education was dependent on the teacher, with the Province setting the curriculum that students studied. PEI was largely agricultural at the time, but education – especially higher education – was largely geared to students who wanted to enter the professions, such as law, medicine, and education. Little was taught that would be helpful for students who decided to remain in farming and agriculture.

Related Entries

References:
School Life in the 1880s: How different was it?

The Kindergarten

An Up-To-Date-Class Room, Interior of a MacDonald Consolidated School Classroom, 1910.
What Next?
Fedora Commons

- New Fedora-Commons, 5 year, $5 million

- New emphasis on
  - Building community
  - Directory of components/disseminators
  - Modular components
  - Semantic Web aspects of system (EOL)
Islandora

- Drupal module released by end of 2007
- Allow simple Fedora/Drupal integration
- View/Search/Display collections
- Hopefully will have user/group integration
- Security/Authorization is the big issue
- Muradora/Shibboleth in place by end of 2007
OSLS.CA

- A distributed virtual “Co-op” kinda thingy
- DB of OSS developers/implementors and related resources
- Business framework for the provision of support for a standard suite of OSS for the Learning Landscape
- Looking for initial “investors” ($2-5K)
Can we go now?

Mark Leggott - mleggott@upei.ca
http://vre.upei.ca/library