

TUESDAY OCT. 4

8:00AM-2:00PM

Registration/Information Desk Open

 Housekeeping

Venue - Wu Centre Lobby

8:15AM-9:00AM

Hackfest Breakfast

 Meal break

Sponsors

Thanks to our sponsor, Taylor & Francis

Venue - Wu Centre Lobby

9:00AM-9:30AM

Hackfest Housekeeping and Set-up

 Hackfest

Hackfest is a day-long event that happens before the conference really kicks off. This informal event gives interested people the chance to work together in small groups to tackle interesting projects in a low stress environment. It's open to attendees of all abilities and backgrounds, not just programmers or systems librarians. Hackfest is the place to roll up your sleeves and experiment with that new service idea or pick other people's brains on a tricky problem.

Moderators

Brian Cassidy

Senior Web Developer, University of New Brunswick

Jacob Sanford

Infrastructure / Solutions Architect, UNB Libraries

Jacob Sanford is an Infrastructure / Solutions Architect at UNB Libraries, and driven to create solutions to deploy, maintain and manage web applications efficiently and elegantly. He believes that the emergence of container based infrastructures, automated deployment, and testing tools have been the most significant modern developments in the craft.

Venue - Chancellor's Room

9:30AM-12:00PM

Hackfest AM

 Hackfest

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Venue - Chancellor's Room

12:00PM-1:00PM

Hacklunch

 Meal break

Sponsors

Thanks to our sponsor, ACS Publications

Venue - Wu Centre Lobby

1:00PM-4:00PM

Hackfest PM

 Hackfest

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Venue - Chancellor's Room

6:00PM-11:30PM

Hackfest Social

 Social

Eat, drink, and mingle with fellow conference delegates at the [King St. Ale House](#) in the heart of downtown Fredericton. Relax in the warm, welcoming atmosphere of this upscale pub and enjoy our complimentary appetizers to whet your appetite as you wet your whistle. We've booked the back room for the night so you'll have loads of time to talk while indulging in a delicious charbroiled, in-house smoked, seafood, or vegetarian meal. Choose from a wide selection of domestic and imported beer, including lots of local craft breweries such as Picaroons. You don't need to be *Simeon Jones* or sit in the *Dooryard* yelling *Yippee IPA* waiting for a *Dark and Stormy Night* before you sample *Best Bitter* or perhaps *Ember Ale*, a smoked porter brewed exclusively for the King St. Ale House. Whether you come to think of yourself as *Plaid to the Bone*, *Man's Best Friend*, or a *Melon Head*, you'll be shouting *Timber Hog* and doing the *Monster Mash* in no time. **Welcome to Fredericton.**

Sponsors

Thanks to our sponsor, Proquest

Venue - King Street Ale House

WEDNESDAY OCT. 5

8:00AM-9:00AM

Breakfast

 Meal break

Sponsors

Thanks to our sponsor, Discovery Garden

Venue - Chancellor's Room

8:00AM-4:00PM

Registration/Information Desk Open

 Housekeeping

Venue - Wu Centre Lobby

9:00AM-9:30AM

Welcome & Opening Remarks

 Housekeeping

Venue - Wu Auditorium

9:30AM-10:30AM

Opening Keynote: Libraries, Technology, and Social Justice

 Keynote

Libraries aren't neutral, technology isn't neutral; and library technologies are definitely not neutral. Let's talk about how we can move from recognizing and reducing bias in library technology to leveraging library technology for social equity and justice.

Speakers

Chris Bourg

Director of Libraries, Massachusetts Institute of Technology

Chris Bourg is the Director of Libraries at Massachusetts Institute of Technology (MIT), where she also has oversight of the MIT Press. Prior to assuming her role at MIT, Chris worked for 12 years in the Stanford University Libraries, most recently as the Associate University Librarian for Public Services. Chris is keenly interested in issues of diversity and inclusion in higher education, and in the role libraries play in advancing social justice and democracy. She is currently serving as Chair of the Committee on Diversity and Inclusion of the Association of Research Libraries and has written and spoken extensively on diversity, inclusion, and leadership. Chris has a PhD in Sociology from Stanford University, and spent 10 years as an active duty U.S. Army officer, including 3 years on the faculty at the United States Military Academy at West Point. #DailyJiffy

Venue - Wu Auditorium

10:30AM-10:45AM

Break

10:45AM-11:30AM

Declaring Bankruptcy on Technical Debt: Modernizing a Library Systems Infrastructure and Workflow

Session

We exist as a very small Library Systems team at the University of New Brunswick Libraries, tasked with maintaining dozens of custom applications, Drupal instances, as well as required to meet a demand for constant new development. Several years ago we faced the reality of an un-repayable level of technical debt. The burden from historic organically developed projects, a lack of responsible technical policy and our failure to adopt a standardized architecture had left our team unable to provide an acceptable level of service without a drastic change in how we worked, the tools we worked with, and the projects we developed. We wanted to solve this. This session will present our evolution from the architecture and workflow of yesteryear towards a version controlled, CI centered workflow that creates, updates and tests our web assets as we work. Presentation Overview:

- Our transition from a server-centered thought process towards treating web instances as 'applications'.
- The determination and implementation of a common server OS across Development/Staging/Live platforms.
- Provisioning of hardware from bare-metal with razor-server.
- Server level configuration management in Git and deploying to instances via bare repos.
- Our Thoughts in Choosing Drupal as a core architecture.
- 'One Button' Drupal project and core update deployments via GitHub and Jenkins.
- Post-deployment testing with CucumberJS.
- Local development spin-up with docker, Vagrant, Chef.
- Audit of changes and team notifications through Amazon AWS Tools.
- Adoption of Slack as a core communication tool.

List of Resources Mentioned in Presentation: <https://goo.gl/AkLI65>

Speakers

Jacob Sanford

Infrastructure / Solutions Architect, UNB Libraries

Jacob Sanford is an Infrastructure / Solutions Architect at UNB Libraries, and driven to create solutions to deploy, maintain and manage web applications efficiently and elegantly. He believes that the emergence of container based infrastructures, automated deployment, and testing tools have been the most significant modern developments in the craft.

Brian Cassidy

Senior Web Developer, University of New Brunswick

11:30AM-12:00PM

Apples to Apples? Lessons Learned from a Comparative Evaluation of Online Platforms for Interactive Tutorials

Session

What does your library need from a tutorials platform? For several years, the University of Vermont has flipped library

instruction with tutorials created in Guide on the Side. This open-source program, provided by the University of Arizona, is a simple tool for producing frame-based tutorials centered on the learner's interaction with web content. UVM adopted it principally because of its suitability to formative learning. But in 2016 Springshare launched LibWizard, an alternative platform for frame-based tutorials. It offered important functionalities that were not available in Guide on the Side, while lacking others that were integral features of our existing tutorials. Come to this session to hear how the availability of similar, yet distinct, products helped us to rethink our current and future tutorial needs. This presentation will explain how we developed and applied an evaluation rubric that could be applied to any platform of this kind. It will also highlight other aspects of our decision-making process, including questions about migrating existing tutorials, about rewiring our approach to creating tutorial objects, and about advocating for product development.

Speakers

Graham Sherriff

Instructional Design Librarian, University of Vermont
Instructional Design Librarian University of Vermont

Venue - Wu Auditorium

12:00PM-1:00PM

Lunch

 Meal break

Sponsors

Thanks to our sponsor, Equinox

Venue - Wu Centre Lobby

1:00PM-1:45PM

Arca BC: Launching and Maintaining an Open-Source Consortial Digital Repository

 Session

Arca is a Canadian consortial digital repository based on an Islandora multisite, coordinated by the BC Electronic Library Network, hosted and supported by discoverygarden. It is currently home to 11 BC post-secondary institutions' repositories and growing, giving them an affordable way to provide access to faculty and student research output across multiple post-secondary institutions, and to support the management of institutional digital assets. This session describes how Arca came to be, including how government funding was obtained, the decision to go open source, the challenges of wrangling the needs of a very diverse group of institutions on a shared code base, and the particular challenges of doing it in Canada. And how we're doing it on a shoestring budget (for a given value of "shoestring"), with minimal in-house technical expertise and a lot of learning on the fly. Possible takeaways: Get some details on how a consortial repository model might work for you; start a conversation about best practices for consortial repositories; consider the benefits and pitfalls of a collaborative repository vs. doing it yourself.

Speakers

Brandon Weigel

Coordinator, BC Electronic Library Network

Venue - Wu Auditorium

1:45PM-2:45PM

Libraries and IT: The Struggle It Is

 Panel

This panel of four will discuss the current state of the merging of Libraries and Information Technology (IT) and the illusion we

have that IT has been successfully integrated into our organizations. In many ways, IT has not found its way to the center of our organizations but continues to experience a divide from the library culture. Bringing IT to the center of Libraries has been viewed as an invasion of library work rather than an integration and a benefit. We will also discuss the idea that library culture is not just one culture but encompasses many different cultures: cataloging, IT, admin, and public services, etc. The integration of each culture - being able to see the individual pieces fitting into the big picture - is important to the success of the library. A struggle heard often from those who have merged IT and Libraries is not seeing the importance of hearing what IT or Library departments are working on. As technology becomes further embedded into the work of libraries, the importance of including IT in projects from the start and not just when it's time to hand it over becomes more critical. How IT working across departments serves in the Library's benefit (and the reverse), including library staff into IT projects related to the Library as they start and not when they are handing them over after completion, all become vital questions in the library community.

Speakers

Krista Godfrey

Web Services/Interim Head LITS, Memorial University
Web Services Librarian Memorial University Libraries

Whitni Watkins

Web Systems Engineer, Analog Devices
Web Systems Engineer at Analog Devices, Inc. in MA. Pianist. Colored jeans enthusiast. Lefty. Drives a MINI named Sebastian.

Sam Popowich

Discovery Systems Librarian, University of Alberta
Blacklight, Ruby, Clojure, Mandolin.

Gillian Byrne

Associate Chief Librarian, Ryerson University Library & Archives

Venue - Wu Auditorium

2:45PM-3:00PM

Break

 **Snack Break**

Sponsors

Thanks to our sponsors, Wiley and EBSCO

Venue - Wu Centre Lobby

3:00PM-3:45PM

Library Access Re-imagined Through the 21st Century Lens

 **Session**

It's been over a year since Ryerson University's newest addition to campus, the Library of the 21st century - the Student Learning Centre (SLC) was opened. This fascinating new building offers students an unprecedented learning space beyond its contemporary looking glass walls and automatic solar blinds. In this presentation, the speakers will discuss how Ryerson's Student Learning Centre has changed some of the traditional roles of academic libraries, while presenting new opportunities and challenges. The speakers will use the Library's Digital Media Experience Lab (DME) located in the Student Learning Centre as a case study to frame this discussion. Over the past academic year Ryerson Library has offered access to interesting and emerging technologies such as Arduino microcontrollers, LittleBits, Oculus Rifts, Pico projectors as well as access to innovative workshops such as DIY DroneBuilding and 3D printed wearable technology. As part of the implementation of these programs Ryerson Library has also widely employed the use of Slack as a communication tool, replacing the traditional Walkie-Talkies.

Speakers

namir ahmed

DME Coordinator, Ryerson Library

Weina Wang

Librarian, Ryerson University Library
System Librarian Ryerson University

Venue - Wu Auditorium

3:45PM-4:05PM

Designing Subject Guides to be Student-First and Staff-Friendly

Session

Subject Guides at the Carleton University Library were built in 2011 on a home-grown Drupal template, mirroring the tabbed design of LibGuides. By 2015, the number of tabs in use was making the guides unwieldy in mobile and even on larger screens. The Library's Web Committee wanted to design a guide that would be user-friendly for students, while also meeting the needs of another significant user group: library staff. Through user research with both groups and user testing with students, we came up with a design to meet the needs of both students and library staff. This presentation will give a quick tour of our new design, emphasizing how user research drove our design decisions and helped with staff buy-in.

Speakers

Shelley Gullikson

Systems Librarian: Web, Communications & Interface, Carleton University Library

I'm interested in the UX of both online and physical library spaces. I get pretty excited about user research and making things easier to use.

Venue - Wu Auditorium

4:05PM-4:20PM

Wrap Up

Housekeeping

Venue - Wu Auditorium

6:30PM-9:00PM

Reception: Beaverbrook Art Gallery

Social

After the first full day of scintillating sessions, prepare to savour conversation and canapés along with the swish and sizzle of the Garry Hansen Jazz Quartet in Fredericton's newly renovated [Beaverbrook Art Gallery](#). Wander through the galleries at your own pace or join a complimentary guided tour to appreciate the works of art displayed in the eclectic permanent collection and the special exhibitions, including Return of the Image and Modernism at Mid Century.

Sponsors

Thanks to our sponsor, CAUL

Venue - Beaverbrook Art Gallery

THURSDAY OCT. 6

8:00AM-9:00AM

Breakfast

 Meal break

Sponsors

Thanks to our sponsor, Folio

Venue - Chancellor's Room

8:00AM-5:00PM

Registration/Information Desk Open

 Housekeeping

Venue - Wu Centre Lobby

9:00AM-9:15AM

Housekeeping

 Housekeeping

Venue - Wu Auditorium

9:15AM-10:00AM

Going Dutch - Introducing Artudis - A New Repository Platform

 Session

The repository services space has had mixed success, and the experience at Carleton University has been no different. While theses and dissertations are well covered, our faculty publications content remained limited both in scope and growth. We needed a new platform and a new approach, and the MacOdrum Library found an exciting solution by going Dutch. The Artudis repository platform is being actively developed at the Erasmus University in Rotterdam, and in early 2016 we embarked on a beta program partnership to be the first North American implementation of this new open source platform. This presentation will focus on the rapid deployment model supported by Artudis, the standard as well as new exciting content types we can now manage, reporting and visualizations using Google's BigQuery, plus a tour of key user and system administration features.

Discussion will also include the key underpinnings to our decision, with a focus on metadata, identifiers, linked data, and the central role that publisher APIs can play, permitting us to grow our faculty publications 30 fold in less than six months.

Finally, we'll demonstrate how we can improve the value and interest in our open access repository by making a major shift to integrate selected non-open access content.

Speakers

George Duimovich

Head, Systems, MacOdrum Library

Head/SystemsMacOdrum Library, Carleton University

Venue - Wu Auditorium

10:00AM-10:20AM

The Reference Interview: IT Style

Session

In library school we're taught the parts, process and importance of a reference interview. The reference interview, if done well can save one from unnecessary embarrassment and also ensure you're answering the question being asked with the answer that is needed. As a systems librarian, troubleshooting is my middle name. I may not be helping someone do research or find that particular book but I am helping someone understand a system they are using, sometimes that someone is me. I've realized that the reference interview is not only completely applicable to my work but also vitally important to successful troubleshooting in IT. The catch? Often the reference interview is unknown or not applied in library IT or IT in general. This talk will outline, reiterate and relate the parts of the traditional reference interview on books/databases/life and how to apply them in troubleshooting and supporting library systems and their users, and help users ask the better question by having the right information.

Speakers

Whitni Watkins

Web Systems Engineer, Analog Devices

Web Systems Engineer at Analog Devices, Inc. in MA. Pianist. Colored jeans enthusiast. Lefty. Drives a MINI named Sebastian.

Venue - Wu Auditorium

10:20AM-10:35AM

Break

Snack Break

Venue - Wu Centre Lobby

10:35AM-11:20AM

Searching in 3D: The Availability and Discoverability of 3D Models on the Internet

Session

The number of 3D models available to both students and teachers online is rapidly expanding. Not only are the 3D model collections of popular websites like Thingiverse.com growing, but organizations such as the Smithsonian Institute and NASA have also recently begun building collections of 3D models and making these openly accessible online. Yet, even with the increased interest in 3D printing, 3D scanning, and virtual reality technologies, there is still little known about the overall structure of the 3D model content available on the internet. How many 3D models are actually available? Who is responsible for producing these models? How fast is this content growing? How many of these 3D models are suitable for educational purposes in general? Based on in-depth research into the collections of more than one hundred 3D model repositories, this presentation seeks to answer these questions and more, providing a detailed picture of how 3D models exist across a multitude of websites and online repositories, and attempting to determine how much of this content is suitable for the purposes of education.

Speakers

Michael Groenendyk

Data and Statistics Librarian, McGill University

Data and Statistics Librarian at McGill University. 3D printing entrepreneur.

Venue - Wu Auditorium

11:20AM-12:05PM

Splitting the AtoM: Implementing Access to Memory at McMaster University

 Session

McMaster University's William Ready Division of Archives and Research Collections recently implemented a customised instance of Access to Memory (AtoM), a FLOSS archival description platform. In this session, three members of the project team will explore the complexities of implementing a major migration project involving highly unruly data, including: AtoM is based on formal standards of archival description which often correspond inelegantly to the realities of how materials accumulate in archives—what is a "fonds" vs. a "collection" in real terms? How can you describe a manuscript within an archival standard? What do you do when an item has no attendant authority record? How do you address the inconsistencies in descriptive practise that all institutions experience over time, as staff and standards change? From a technical perspective, we had the challenge of migrating over 890 descriptive records from totally unstructured static HTML pages to the MySQL database which underlies AtoM. This undertaking, and the major design changes we needed to make to customise AtoM to our institution and users, presented some real logistical questions—especially given that each member of the project team reports to a different supervisor. And what would any IT project be without a few bugs which take you completely by surprise when it's too late to back out? Making the framework of the standard—and thus the software—fit the idiosyncracies of descriptive practise and our institutional context required some real creativity. We will share our approach. Which worked. More or less.

Speakers

Myron Groover

Archives and Rare Books Librarian, McMaster University

I've been Archives and Rare Books Librarian at Mac since 2014. Prior to this I worked in public libraries. Outside of work, or perhaps adjacent to it, I'm down for religious studies, politics, philology & linguistics, information policy, intellectual freedom, privacy, library advocacy (horrifying term; never use it), critical information literacy (ditto, fire it into the sun), food, beer, cycling, and other things that are interesting. I am notorious for hating almost everything else* *terms and conditions may apply

John Fink

Digital Scholarship Librarian McMaster University

Venue - Wu Auditorium

12:05PM-1:05PM

Lunch

 Meal break

Sponsors

Thanks to our sponsor, OCLC

Venue - Wu Centre Lobby

1:05PM-2:25PM

Ignite Talks

 Ignites

1. Tim Ribaric. *A Twitter Bot for the Rest of Us*. Twitter indignation, Python, and low-cost VPS services. To investigate all three I wanted to make a Twitter bot that exists at that intersection. To that end @LIS_Grievances was created. The bot that would allow all of us Information Professionals to air our grievances in anonymity. Visions of grandeur and @horse_ebooks ran through my mind. Instead I got a lesson in increasing bot popularity and a good dose of humility. This presentation will look at the components put together to create the bot as well as some of the interesting things it has said. The trickle of tweets it has been responsible for vary from benign to mildly insightful, and a bit obtuse. The best thing is no-one, including the guy that runs the bot, knows who wrote the message except the original author.
2. J Jack Unrau. *Transmitting in Cleartext: Digital Privacy Education for Reluctant Technologists*. Online privacy is a concern for everyone, not just technophiles. As issues of digital surveillance and its political ramifications become increasingly well-known, the public's appetite for skills and tools to cope has grown. Tor, encryption and the mechanics of online tracking are complicated and segments of the public that know they should care aren't people who've written a line of code or even read any Neal Stephenson novels. In public libraries we're leading electronic privacy workshops for users who know they don't want to be spied on but may not know what a web browser is. The challenges aren't just technological but communicative. I'll be talking about the techniques that have (and haven't) worked for me in helping users build these privacy-tech literacies, and what we tool-teachers need from tool-makers to be the badass profession Snowden says we are.
3. Naomi Eichenlaub. *Making MARC Actionable: URIs in Subfield Zero (\$0)*. Uniform Resource Identifiers (URIs) are globally unique character strings used to identify resources; they also play a critical role in linking data on the Web. The addition of dereferenceable (ie. actionable) URIs to MARC records is a significant step we can take in our current systems that will have meaningful impact when our data is taken out of the ILS and translated for external use, for example in discovery services. Moreover, the addition of URIs in our current systems will also aid in the reuse of MARC data in the linked environment by facilitating migration to other metadata formats. Making MARC actionable by adding URIs where appropriate and available will also make our library metadata interoperable within the larger metadata and controlled vocabulary communities. This lightning talk will survey work currently underway on implementing URIs in MARC using \$0, including initiatives coming out of the Library of Congress Program for Cooperative Cataloging (PCC) Task Group on URIs in MARC, George Washington University Libraries, and a small experiment at Ryerson University Library & Archives (RULA).
4. Trina Grover. *You Made that Yourself?! Knitting is similar to coding because it's binary, there are 2 stitches that are combined in various ways to make new things. What happens when we bring knitters and coders together? The Ryerson Digital Media Experience lab is building resources and communities around computational textiles in order to enhance diversity in our makerspace. Starting with beginner workshops to create simple knit fabrics, the program has progressed to wearable computational fabrics. This experimental program has empowered students and staff to merge old and new technologies to create objects that are both functional and decorative.*
5. Wiktor Rzeczkowski. *Easing the Collaboration Curse for Access*. As people can achieve things collectively that they cannot achieve individually, the cult of collaboration has become ubiquitous and reached the knowledge work where uninterrupted concentration is the principal virtue and where the collaboration interruptions, meetings, emails, calls become a curse. In this lightning talk an approach will be presented to ease the collaboration curse in the area of development and maintenance of online user services .

6. Gillian Byrne. *If 'Libraries are Software', What Does That Look Like?* Cody Hanson's Libraries are software [codyhanson.com/writing/software.html] argues that the library is now software; that our products and services can no longer live outside software, that all staff need to understand the critical importance of software to the library, and that we "must encode our services and our values in the software we provide." If we accept Cody's premise, it seems clear that the traditionally organized library isn't well suited to achieving this vision. This ignite talk will riff off ideas of what a software-centred library looks like. How would it be organized? How would the mission, values and organization planning reflect this shift in outlook?
7. Sam Popowich. *Clojure for the Perplexed*. In this Ignite talk, I will cover the principles of functional programming and Clojure, and give a few ideas as to how functional programming principles offer a different way of thinking about data and library technology.
8. Andrew Nagy. *Introducing FOLIO – The Community-driven Open Source Library Services Platform*. The future is bright – think of a time when we are all working from the same common platform to develop and deliver services to our users. No longer do we need to develop a data model to support our data stores. No longer do we need to develop APIs to allow our disparate systems to interoperate. [Salesforce.com](https://salesforce.com) has its force.com platform and Amazon has its AWS offering. What if there was a Platform-as-a-Service offering for libraries? What if that platform was completely open? This is our bright future. FOLIO is a new initiative supported by the OLE community, EBSCO, IndexData, developers and other service providers to provide this future for us all as fully open source software. With an app-store like environment, we can truly collaborate to offer the best of breed services and solutions that meet the needs of each and every library.
9. Laura Wrubel. *Need Help with Your Code? Providing a Programming Consultation Service at the Library*. George Washington University Libraries undertook a pilot to provide programming and software development consultation services for the university community. The consultation services took the form of half hour appointments conducted by librarians with software development expertise, similar to other reference services offered by the library. I'll talk about why we did this, how we set it up, how it went, and what we've learned in offering this service.

Speakers

Laura Wrubel

Software Development Librarian, George Washington University

Naomi Eichenlaub

Librarian, Ryerson University

Catalogue Librarian Ryerson University Library & Archives

Sam Popowich

Discovery Systems Librarian, University of Alberta

Blacklight, Ruby, Clojure, Mandolin.

Tim Ribaric

Digital Services Librarian, Brock University

Digital Services Librarian at Brock University. Currently completing a Masters in Computer Science. Research areas include: technology in the library, and library labour issues.

J Jack Unrau

Trina Grover

Librarian, Ryerson University

Cataloguer and Liaison Librarian

Wiktor Rzczkowski

Senior Systems Administrator, McMaster University Library

Senior Systems Administrator McMaster University Library

Gillian Byrne

Associate Chief Librarian, Ryerson University Library & Archives

Andrew Nagy

Director, SaaS Innovation, EBSCO

The library community is undergoing a disruption in how we use technology. It's new, it's open source, and it's community driven to support a community of innovation. Talk to me about FOLIO - the open source library services platform!

Venue - Wu Auditorium

2:25PM-3:10PM

Raspberry Pi Prototype Project: Measuring and Displaying Noise Levels in an Academic Library

 Session

Problems associated with noise in academic libraries are an ongoing concern for patrons and library administration. Loudness is subjective, so what may be noisy to one person is acceptable to another. In our pilot project, we used sensors to measure decibel levels in order to quantify what is “silent” versus what is “quiet”. Decibel measurement data were visualized on screens, allowing visitors to see the noise levels in their area or in other areas of the library. This display allowed visitors to choose the area with the right amount of noise for their purposes (e.g., 2 students working quietly together would go to a semi-silent area; whereas 1 student going to read a book would want to pick the quietest area in the library). In addition, decibel levels taken at regular intervals were sent to a database which could be queried in order to make informed and targeted interventions. We used an Arduino microcontroller with a decibel measurement sensor which continually measured the decibel levels in an area. A Raspberry Pi computer collected this data from the connected Arduino and the Python programming language was used to format this data to display on multiple screens with HTML5, jQuery and Google Charts. This prototype project is ongoing and presenters will provide a demonstration of how the Arduino and Raspberry Pi work together to display the noise levels. Results and conclusions drawn from the pilot project will help inform library policies on space planning, library services, and enhancing the user experience.

Speakers

Janice Kung

Librarian, University of Alberta

Public Services Librarian John W. Scott Health Sciences Library

Pamela Carson

Web Services Librarian, Concordia University

Web Services Librarian Concordia University

Venue - Wu Auditorium

3:10PM-3:25PM

Break

 Snack Break

Venue - Wu Centre Lobby

3:25PM-3:55PM

Addressing the “Uncanny Valley” of Search UX - Anticipatory Design, Privacy, and Tolerance for Systems that Speculate About You

 Session

In this session, we'll look at how inferred and contextual aspects of a search query can offer new ways of thinking about the "10 blue links" of a search result page. We present one possibility for evolving library search by introducing the ideas and processes behind enhancements that apply time, space, and query analysis data within our search interfaces. In our search prototype, we demonstrate how anticipatory design models and "intention [data] mining" of search queries create a new kind of search experience: a search that anticipates your questions. We consider the benefits and pitfalls of anticipatory design models as we look to understand the intentions of search queries and the physical/network locations of our users. In redesigning "search as a conversation", we'll consider how the anticipatory design model raises questions about privacy and we'll present preliminary usability findings that look to understand where the line between adding value to a system ends and feelings of surveillance arise.

Speakers

Krista Godfrey

Web Services/Interim Head LITS, Memorial University
Web Services Librarian Memorial University Libraries

Jason A. Clark

Head, Library Informatics & Computing, Montana State University
Head, Library Informatics & Computing Montana State University (MSU) Library

Venue - Wu Auditorium

3:55PM-4:40PM

Delivering Dynamic Structured Content Through User-Centered Taxonomies

Session

Academic libraries often struggle to find language and web architectures to reflect the services we provide and the work that we do. This results in a discrepancy between the reality of library space and service and the way in which they are presented on the open web. Often the core of what the library provides its users is articulated in expansive, catch-all "Services" menus. The Web Team at the NCSU Libraries developed a structured content model and "user activities taxonomy" that allows us to dynamically align and present service elements around user goals rather than our organizational structures. Building off the success of this approach, we are developing additional taxonomies, driven by a user-centered ontology, to modularize more of our content in meaningful ways. An example of this is the "projects taxonomy" which allows us to better reflect work done by the libraries to external stakeholders, complementing the "user activities taxonomy" by expanding the types of content touched by taxonomic structures. This talk will be on the process of establishing user-focused information architectures (IAs) through the principles of narrative taxonomy and will cover our application of user-focused IAs through the use of Drupal taxonomies. We will also address what this approach has meant for information presentation on the NCSU Libraries website, touch on the strategies used to garner stakeholder buy-in, and discuss the practicalities of how ontologies drive structural decision making.

Speakers

Angie Fullington

Web Services Management Librarian, NCSU Libraries
Web Services Manager for the North Carolina State University Libraries where my team stitches together the work of a host of brilliant folks into an award-winning University library website. I'm a librarian with a degree from UNC SILS and a ton of experience in IT and web project management in libraries and academic institutions. I'm passionate about content strategy and user and experience, especially understanding and optimizing cross-channel experiences between the website and the physical spaces and in-person services.

Venue - Wu Auditorium

4:40PM-4:55PM

Housekeeping

Housekeeping

Venue - Wu Auditorium

6:00PM-8:00PM

Dine-Arounds

 Social

After the second day of brilliant dialogue, taste what Fredericton has to offer— whether your palate calls for a red dragon roll, blackened cajun tofu, Massaman curry, charbroiled steak, hickory & applewood smoked beef short ribs, mushroom ravioli with truffle cream sauce, a vegan Caesar, or a falafel panini and date bliss ball, we've got a table waiting for you and your (taste)buds. Details on dining options will be posted soon and there will be sign-up sheets at the conference.

Venue - Various

8:30PM-11:30PM

Play-Arounds

 Social

For those with energy and brain power left to spare, choose from a variety of activities happening in bustling Fredericopolis. Form a team of up to 6 trivial minds to set off in pursuit of the holy gr-ale (free pitcher of beer and trivia night bragging rights). Unplug and get your game on at Fredrock's first board games cafe with over 500 games for you to play. Bring on the funny at the open mic comedy night. Enough talking already? Just chill and check out the live band or get your groove on. If the slow lane is more your speed, take a walk along the river, browse around a bookstore, indulge in a latte and vanilla bean creme brulee, linger in a wine bar, or settle back in a local pub. All within walking distance of the Crowne Plaza.

Venue - Various

FRIDAY OCT. 7

8:00AM-9:00AM

Breakfast

 Meal break

Sponsors

Thanks to our sponsor, Canadiana

Venue - Chancellor's Room

8:00AM-5:15PM

Registration/Information Desk Open

 Housekeeping

Venue - Wu Centre Lobby

9:00AM-9:15AM

Housekeeping

 Housekeeping

Venue - Wu Auditorium

9:15AM-10:00AM

Starting From Scratch – The Technical, Logistical, and Political Challenges of (Re)Building an Institutional Repository

 Session

Maybe it goes without saying, but building an institutional repository from scratch requires a tremendous amount of effort. There's upper-level project management, institution-wide organizational concerns, extensive content recruitment, back-end technical requirements, workflow creation, quality assurance challenges, astounding potential for custom development, political struggles, copyright hurdles, policy creation, bug squashing, records management and digital preservation concerns... and these concerns likely barely scratch the surface of day-to-day operations. While institutional repository software is developed for the general needs of institutions, institutions themselves are incredibly specific; each school, library, college, university a snowflake in its own right with unique organizational structures, hierarchies, and needs. Often – out of necessity – it is the job of too few to accommodate these needs. Questions may be answered hastily in the interest of progress. There are faculty and colleagues to account for. Time is short. Expectations are high. Over two years of development of a new institutional repository at the University of New Brunswick, the myriad challenges of building an institutional repository have become abundantly and repeatedly clear. Unless you've already built a repository at your institution with identical software, you will be embarking on a learning process. This talk is intended to walk through the challenges and victories over approximately 2 years of extended development and implementation of the UNB Scholar institutional repository at the University of New Brunswick told by the two folks whose hands are the dirtiest, spanning metadata, project-level management, politics, managing expectations, and continued development.

Speakers

Mike Nason

Scholarly Communications Librarian, UNB

Mike Nason is the Scholarly Communications Librarian at the University of New Brunswick, as well as a member of the PKP Publishing Services team. His work at UNB is chiefly focused on content recruitment for – and the population of – their Institutional Repository as well as other day-to-day scholarly communications initiatives like open access literacy, speaking with faculty about author's rights and sharing research, helping with UNB's Journals operation, and generally avoiding email. Whatever time is left, Mike spends on bicycles, playing in bands, and resting in child's pose.

Jacob Sanford

Infrastructure / Solutions Architect, UNB Libraries

Jacob Sanford is an Infrastructure / Solutions Architect at UNB Libraries, and driven to create solutions to deploy, maintain and manage web applications efficiently and elegantly. He believes that the emergence of container based infrastructures, automated deployment, and testing tools have been the most significant modern developments in the craft.

Venue - Wu Auditorium

10:00AM-10:30AM

Hackfest Reports

 Hackfest, Panel

Venue - Wu Auditorium

10:30AM-11:00AM

The Future of Access

 Panel

Speakers

Krista Godfrey

Web Services/Interim Head LITS, Memorial University

Web Services Librarian Memorial University Libraries

Merle Steeves

Head of Technical Services, University of New Brunswick Libraries

Gillian Byrne

Associate Chief Librarian, Ryerson University Library & Archives

Venue - Wu Auditorium

11:00AM-11:15AM

Break

 Snack Break

Venue - Wu Centre Lobby

11:15AM-12:15PM

David Binkley Memorial Lecture and Closing Keynote: On the Ethics of Digitization

 Keynote

The Snowden revelations have shown us that big data about us is being gathered and used for surveillance, but what about the data gathered or digitized by researchers? Are big digital humanities projects not a form of cultural surveillance? Clearly we need

to rethink the archiving of large amounts of data for research purposes in light of the unforeseen uses such data can be put to. This is especially true as capture technologies allow people to accession data right into open archival systems without much thought or curation. In this presentation I will discuss the ethics of digitization. I will do this by first confronting the common assumption that “information wants to be free” – that more data is good. Instead I will suggest that we can draw on the ethics of care to imagine how projects can think through the ethics of what they are gathering and who it will affect. I will use as an example a project that has been gathering tweets about game culture.

Speakers

Geoffrey Rockwell - Closing Keynote

Professor of Philosophy and Humanities Computing, University of Alberta

He has published on textual visualization and analysis, and computing in the humanities including a book the MIT Press, *Hermeneutica: Computer-Assisted Interpretation in the Humanities*. He is a co-developer of Voyant Tools, a suite of text analysis tools, and leads the TAPoR project documenting text tools. He is currently the Director of the Kule Institute for Advanced Study and blogs at theoreti.ca.

Sponsors

Thanks to our sponsor, Gibson Library Connections

Venue - Wu Auditorium

12:15PM-12:30PM

Closing Remarks

 Housekeeping

Venue - Wu Auditorium

12:30PM-1:30PM

Box Lunch

 Meal break

Venue - Wu Centre Lobby

1:30PM-4:30PM

Workshop A: Islandora for Managers

 Workshop

Islandora is a digital repository framework that provides out-of-the-box solutions for a wide range of digital collections, research domains, and file types. Islandora combines the Drupal CMS and Fedora Commons repository software, together with additional open source applications (including Solr). The proposed workshop will provide users with a technical overview of the Islandora framework, a discussion on the open source software community, as well as, a demonstration of ingest, discovery and embargo functionality. Participants are welcome to follow along with the demonstration using locally installed virtual machines or an online Islandora sandbox. Don't miss this opportunity to learn about the latest developments in the Islandora community.

Speakers

Melissa Anez

Project & Community Manager, Islandora Foundation

Project and Community Manager Islandora Foundation

Erin Tripp

Business Development Manager, discoverygarden inc

Erin Tripp is the Business Development Manager at discoverygarden inc. Since 2011, Erin's been involved in the Islandora project; a community supported framework of open source technologies for digital repositories. In that time, Erin's been involved in more than 40 different Islandora

projects ranging from consulting, custom development, and data migrations. Prior to coming to discoverygarden inc., Erin graduated from the University of King's College (BJH), worked as a broadcast journalist with CTV Globemedia, and graduated from the Dalhousie University School of Information Management (MLIS) where she won the Outstanding Service Award in 2011.

Venue - Wu Auditorium

Workshop B: OJS 3.0 and OMP 1.2: The Latest in Open Source Software and Services for Academia-Controlled Publishing

Workshop

This session will provide an overview of the latest versions of the Public Knowledge Project's free, open source Open Journal Systems (OJS 3.0) and Open Monograph Press (OMP 1.2) publication management software, used by over 400 library-hosted journals across Canada, and close to 9,000 around the world. It will include an examination of the submission process, peer review and editorial workflow, XML transformation, web site management, as well as a discussion of the latest software features and free service options provided by the Public Knowledge Project (including indexing, DOI management, LOCKSS preservation, and continuing education). This workshop is aimed at librarians, editors, IT managers, and others interested in learning more about this open source alternative for academia controlled publishing. Participants will come away with the ability to start up and operate their own online journal or monograph publication management system. Bring your laptop if you'd like to follow along. A demonstration URL will be provided.

Speakers

Kevin Stranack

Associate Director, Community Engagement & Learning, Simon Fraser University, Public Knowledge Project

Associate Director for Community Engagement & Learning, Public Knowledge Project at the Simon Fraser University Library.

Mike Nason

Scholarly Communications Librarian, UNB

Mike Nason is the Scholarly Communications Librarian at the University of New Brunswick, as well as a member of the PKP Publishing Services team. His work at UNB is chiefly focused on content recruitment for – and the population of – their Institutional Repository as well as other day-to-day scholarly communications initiatives like open access literacy, speaking with faculty about author's rights and sharing research, helping with UNB's Journals operation, and generally avoiding email. Whatever time is left, Mike spends on bicycles, playing in bands, and resting in child's pose.

Brian Owen

Associate University Librarian & PKP Managing Dire, Simon Fraser University Library

Brian Owen is the Associate University Librarian for Technology Services and Special Collections at the SFU Library. He is also the Managing Director for the Public Knowledge Project (PKP) which is responsible for the development and support of Open Journal Systems (OJS) an open source software publishing platform actively used by almost 10,000 scholarly journals in 2015. He is an Associate with SFU's Canadian Institute for Studies in Publishing and SFU's Master of Publishing Program.

Roger Gillis

Copyright & Digital Humanities Librarian, Dalhousie University / Public Knowledge Project

Copyright and Digital Humanities Librarian, Dalhousie University

Venue - Chancellor's Room
