Islandora

- Drupal/Fedora module + additional components
- Drupal front-end, collaborative layer, editing
- Fedora data assets, metadata, policies
- Assume evolution/migration of both eventually
- Fedora’s architecture key to strategy – agnostic re what domain supported
Why Drupal?

- Separation of Data and Applications/Interfaces
- Easy interface branding (themes/CSS)
- Client can control look/collaboration/content/community/some functionality
- New modules provide features without much development, LDAP auth/roles one example
- Hack existing Drupal modules before new dev
- Community is huge and Web 3.0 savvy
Why Fedora?

- Best digital asset repository - store any data type and any metadata schema
- Files, metadata, policies (collection/security) stored in filesystem - long-term stewardship
- Easy to define transformations & workflows
- Support for semantic technologies & ability to leverage emerging innovation
Current Solution Packs

- Institutional Repository - Island Scholar
- Digital Books/Magazines/Newspapers
- Document Management
- Image/Audio/Video Repositories
- Virtual Research Environments - Biosciences
A project to preserve the community history of P.E.I.

Made possible through a generous private donation, IslandLives contains community and church histories and it builds on the Robertson Library’s mission to preserve and share unique material relating to Prince Edward Island and demonstrates UPEI’s ongoing commitment to making PEI’s cultural and published heritage available to all. Welcome.
Bunbury: notes on a community or; Blurbs on the burbs

By Statement:
Place of Publication:
Publisher: s.n.
Date: 1994
Language: English
Pagination: 1 p.
ISBN 10:
Subjects: Bunbury (P.E.I.) History
of the pioneers buried here. James McLaren's was the next head to fall. He died in the year 1816. Donald Gordon came next in 1818. Thus three of the principal heads of this little community were called to their eternal rest within sixteen years of their landing at Brudenell. I may say here that Isabella McDonald, wife of James McLaren, survived her husband for many years, and died at the advanced age of ninety-two. Her remains rest in the old cemetery on the south bank of Brudenell.

Of the history of James McLaren previous to his emigrating to Prince Edward Island we know little except through tradition which tells us that he was the son of Donald McLaren, a cattle dealer known to his native countrymen in their native Gaelic tongue as "Domnall on na mar" or big Donald of the cattle, who owned land in the district of Barra, and who, in the early part of the eighteenth century, and of Robina Stewart of the Stewarts of Arran, his wife, he lost both land and life in a disastrous fire, his complex of the unfortunate "being" under Prince Edward Island.

Charles Edward Stewart in the year 1745. After the final defeat of the rebel force at Culloden in 1746, he was taken prisoner by a party of dragoons and was being conveyed to Carlisle for trial and probable execution. While passing through a part of the country well known to him at the time when his native life was nearly ended in 1746, he, by some means, contrived to escape, and plunging down into a deep ravine at the risk of his life, managed to elude his pursuers, but so close was the pursuit and so vigilant the search that he had no chance. He took himself down into a mass of water soaked bog and drawing a sod of turf over his heat remained there until nightfall, under cover of which he made his way to the house of an acquaintance who allowed him to rest, and conceal and conceal until his death, which occurred the next day. The body was exhumed in consequence of cold and
Workflows
Abstract
The overproduction of reactive oxygen species (ROS) and reactive nitrogen species (RNS) is a common underlying mechanism of many neuropathologies, as they have been shown to damage various cellular components, including proteins, lipids and DNA. Free radicals, especially superoxide (O(2).*), and non-radicals, such as hydrogen peroxide (H(2)O(2)), can be generated in quantities large enough to overwhelm endogenous protective enzyme systems, such as superoxide dismutase (SOD) and reduced glutathione (GSH). Here we review the mechanisms of ROS and RNS production, and their roles in ischemia, traumatic brain injury and aging. In particular, we discuss several acute and chronic pharmacological therapies that have been extensively studied in order to reduce ROS/RNS loads in cells and the subsequent oxidative stress, so-called "free-radical scavengers." Although the overall aim has been to counteract the detrimental effects of ROS/RNS in these pathologies, success has been limited, especially in human clinical studies. This review highlights some of the recent successes and failures in animal and human studies by attempting to link a compound’s chemical structure with its efficacy as a free radical scavenger. In particular, we demonstrate how antioxidants derived from natural products, as well as long-term dietary alterations, may prove to be effective scavengers of ROS and RNS.

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Abstract
The new thrusts in molecular logic are gathered together in this short review, while paying attention to the seeds from which these developments have arisen. The original demonstration of a few basic logic operations has now been extended to cover many of the one- and two-input varieties and even some of the three-input types. Many kinds of inputs and outputs have emerged, including various chemical species and some physical properties. The latter can include heat, light and, arguably, polarity. Reconfigurable logic has grown up to include a range of examples. Even superposable logic has proved possible with molecular systems. Numerical processors have flowered in recent years with several diverse approaches being revealed in recent years. Photochemical concepts such as photoinduced electron transfer (PET), internal charge transfer (ICT) and electronic energy transfer (EET) can be discerned among the designs in the field. (c) 2006 Elsevier B.V. All rights reserved.
The Marine Natural Products Group at the University of Prince Edward Island is engaged in projects directed at the development of sustainable production methods of bioactive marine metabolites and discovering new bioactive bioproducts. The latter group includes metabolites with activities in assays of relevance to human and animal health, and with activity as antifouling agents.
Digital Repository

Key035:

MNPL Critter Record

Key035

Taxonomy:
- Type: Sponge
- Phylum: Porifera
- SubPhylum:
- Class:
- Order:
- Family:
- Genus:
- Species:

Collection Location:
- Date Collected: 2007/06/15
- Site Name: Mangrove area North Point of Summerland Key
- Country: US
- Region: Mote Marine Lab (Summerland Key)
- Latitude:
- Longitude:
- Depth: 2 Feet

Lab:
- Study Status:
- Notes:

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### Compounds — Add Compound

No Compounds present for this Specimen
Roadmaps

- Goal to have a rich and fully defined community framework for participation
- Quarterly Roadmaps for code changes and new releases starting January 2010
- Quarterly Releases with new Solution Packs in each
- Islandora/RIRI Institutes summer 2010
Roadmap:::Fall 09

- Additional Collections & Content Models
- Djatoka/FCK TEI Editor integration
- Easy install, More VM images
- Extensive partnerships with Sun Microsystems Inc.
- Support contracts for maintenance & development
Roadmap::Winter 09

- Drupal Hooks+Fedora for tighter integration
- Automatic Drupal→Fedora synchronization
- Additional Collections & Content Models
  - IslandNewspapers
  - Survey data/R Workflows
- Encryption of objects in repository
- iPhone app for data collection
Sun Partnership

- Emerging Islandora/Sun combo
- Special packages/solutions
- Software stack optimized for hardware
- Increases ability to deliver custom solution/services
- Support and development services available
Emerging Islandora/Sun combo
Fedora enhanced Security Layer
Community-driven project to build a more accessible Security layer for Fedora
Contributors participate with contribution of $5,000
Current include: UPEI, Stanford, Virginia & Hull
Need more contributors for final deliverable
Contact

Mark Leggott – mleggott@upei.ca

Islandora.org