UPEI VRE
VRE

- **Virtual Research Environment**
- Information Infrastructure supporting a collaborative research environment
- Uses standard IT foundations to support a wide range of research interests
- Discipline neutral
Roots

• Derived from
  • Web 2.0 / Library 2.0
  • eScience/Grid Computing/JISC VRE
  • Library resources/services/framework
  • Research Continuum (DLI)
  • Open Science/Access/Source
Framework

- Website::Content Management System
- Groups::Authentication & Permissions
- Information::Metadata & Standards
- Applications::Functionality & Integration
- Glue::Web Services
Synergies

- Use same technology as UPEI/BEAT sites
- Build local staff capacity/innovation
- Integration
  - Teaching::Moodle
  - Campus identity DBs
  - Library resources and services
Functionality

- Web content management
- Communication::Private/Forums/IM/Chat
- Wiki-like collaborative editing
- Harvesting/sharing/discussing research articles
- Federated search for specific subject profiles
Opportunities

• Easy Web development/integration
• Collaboration (Local/Regional/National/Global)
• Knowledge Dissemination
• Information Stewardship
• Framework for provincial and regional document, data and research collections
Partnerships

- CMTC Project - Hardware & Requirements
- Living Archives - Research and Development
- MHL - #1 Canary
- Other Research Groups - Canaries, Support & Requirements
Next Steps - June

- Standard VRE on “production” server
- Process for requesting/creating/maintaining VREs (online form+)
- Training sessions (f2f and online)
- Sample Vertical applications
Next Steps - September ‘07

- Integration with Digital Archive system
- Institutional Repository
- Open Journal/Conference Systems
- Integration with Moodle
- Integration of Online Help
Canaries

- **MHL**: Mollusc Health Laboratory
- **VRL**: Virus Research Laboratory
- **CMTC**: Culture, Multimedia, Technology, and Cognition
- **Synapse**: Aquatic Ecosystem Health
- **CAHS**: Centre for Aquatic Health Sciences
- **SLC**: Second Language Codeswitching
- **IIS**: Institute of Island Studies
- **MQM**: Maritime Quality Milk
- **Moodle**: Federated Search