

# INSTITUTIONAL REPOSITORIES



**WFU SCHOLARLY  
COMMUNICATIONS WORKSHOP  
MARCH 13, 2008**



# What is an IR?



- [http://en.wikipedia.org/wiki/Institutional\\_repository](http://en.wikipedia.org/wiki/Institutional_repository)
- an online locus for collecting, preserving, and disseminating -- in digital form -- the intellectual output of an institution, particularly a research institution
- For a university, this would include materials such as research journal articles, before (preprints) and after (postprints) undergoing peer review, and digital versions of theses and dissertations, but it might also include other digital assets generated by normal academic life, such as administrative documents, course notes, or learning objects.

# What are the goals of an IR?



- to create global visibility for an institution's scholarly research
- to collect content in a single location
- to provide open access to institutional research output by self-archiving it
- to store and preserve other institutional digital assets, including unpublished or otherwise easily lost ("grey") literature (e.g., theses or technical reports)

# Who is doing what?

- **Directory:**  
<http://www.openoar.org/index.html>
- **Columbia:**  
<http://digitalcommons.libraries.columbia.edu/>
- **Cornell:**  
<http://ecommons.library.cornell.edu/index.jsp>
- **Duke Law:**  
<http://eprints.law.duke.edu/>
- **Rice:**  
<http://rudr.rice.edu/>
- **Vanderbilt:** <http://e-archive.vanderbilt.edu/index.jsp>

# What is WFU prepared to do?



- **Libraries**
  - Coy C. Carpenter Library
  - Professional Center Library
  - Z. Smith Reynolds
- **Office of Sponsored Research**
- **IT**

# **IR**



**INSTITUTIONAL REPOSITORY**

# Existing Platforms



- **Open Source**
  - DSpace
  - EPrints
  - Fedora
  
- **Hosted – Proprietary**
  - CONTENTdm: OCLC
  - DigiTool: Ex Libris

# Technical Issues



- **Interoperability and Extensibility**
- **Digital Objects and Metadata**
- **Ingest and Maintenance**

# Interoperability and Extensibility



- XML
- Metadata schema
- Import/export
- Modularity

# Digital Objects and Metadata



- The actual *things*...PDFs, TIFFs, etc.
- Administrative, preservation, and technical metadata
- Access to digital objects enhanced by metadata

# Ingest and Maintenance



- **Workflow**
- **Selection**
- **Stability**

# DSpace



- **Test installation**
  - Version 1.4, waiting for 1.5 upgrade
  - ETD migration: sample records in system now, in production Sept. 2008
- **Dublin Core metadata standard**
- **Capable of handling any type of digital object**
- **Allows authors to submit and manage their own resources**
- **IR for all 3 libraries to use**