

fedora



Implementing Content Models

Chris Wilper, Cornell University
Fedora Training @ Yale University
May 2nd, 2007

Steps to Implementation

Analysis

Modeling

Specification

Description

Prescription



Analysis

Understand your data

- What are the file formats?
- What are the “knowledge entities”?

Modeling

Describe the patterns

- Common formats?
- Common relationships among entities?

Specification

Human-readable

- An official document
 - UVA
 - NSDL
 - Others...
- Reference example(s)

Machine-readable

- Useful for simplifying
 - Creation
 - Validation
- Many Approaches
 - Custom
 - XML Schema
 - RDFs / OWL
 - CMDA

Pragmatic Guidelines

- Think about the datastreams and relationships first – disseminations can always be changed later.
- Use consistent names for datastreams.
- Use the existing contentModel attribute to “tag” your objects as belonging to a specific content model.