



# Mainstreaming Digital Services

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# From Project to Program

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- ☞ **Design Transition Strategies**
- ☞ **Develop Formal Policies to Encompass the Life Cycle of Digital Resources**
- ☞ **Tie Policies to Institutional Resources**
- ☞ **Analyze Digital Projects for Efficiencies and Economies**
- ☞ **Document the Process and the Product**
- ☞ **Undertake the Doable**
- ☞ **Staff Programs with Well-Trained People**
- ☞ **Incorporate Flexibility**
- ☞ **Develop Institutional Programs in the Context of Multi-Institutional Collaboration**



## **Division of Digital Library and Information Technologies (D-LIT)**

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- Digital Collections
- Gateway to Electronic Resources
- Electronic Library Services
- Electronic Publishing
- Library Management System
- Encoded Archival Description
- Distance Learning
- Long-term Preservation and Access



# Division of Digital Library and Information Technologies (D-LIT)

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**Associate University Librarian for Information  
Technologies and Special Collections**

**Managment Group:**

- Hickerson
- Personius
- Koltay
- Habicht
- Lynch
- Hirtle
- Kenney

**Technology Planning**

**Electronic Publishing**

**Media Arts**

**Library Systems**

**Desktop Services**

**Cornell Institute for  
Digital Collections**



# Supporting Gateway Use

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- ☞ **User inquiries are diverse and may include responses concerning:**
  - **Content**
  - **Contractual Provisions**
  - **Searching**
  - **Cataloging**
  - **Technology**
  - **Reference**
  - **General Information**
  - **Authentication**
  - **Intellectual Property Administration**
- ☞ **Users served by a Library-wide team as an integrated, 7 X 16, service.**
- ☞ **Team members are not centrally designated, and team participants alternate continually and over time.**
- ☞ **The team has no common administration.**
- ☞ **Users are both local and global.**



## The Cornell University Library MOA Collection

The Cornell University Library Making of America (MOA) Collection is a digital library of primary sources in American social history from the antebellum period through reconstruction.

The collection is particularly strong in the subject areas of education, psychology, American history, sociology, religion, and science and technology.

The Cornell University Library digital collection contains approximately 114 books and 24 Journals encompassing nearly 900,000 pages with 19th century imprints.

The project represents a major collaborative endeavor in preservation and electronic access to historical texts.

To view the MOA Collection available online, click on one of the methods listed below:



[Browse](#) the Cornell University MOA Journal Collection



[Browse](#) the Cornell University MOA Book Collection



[Search](#) the Cornell University MOA Collection

[About the Digital Library](#)

[About the Making of America Project](#)

[About the Cornell University Library](#)

[Cornell University Digital Library](#)

[Cornell University MOA Collection](#)

[University of Michigan MOA Collection](#)

Ask a Librarian!

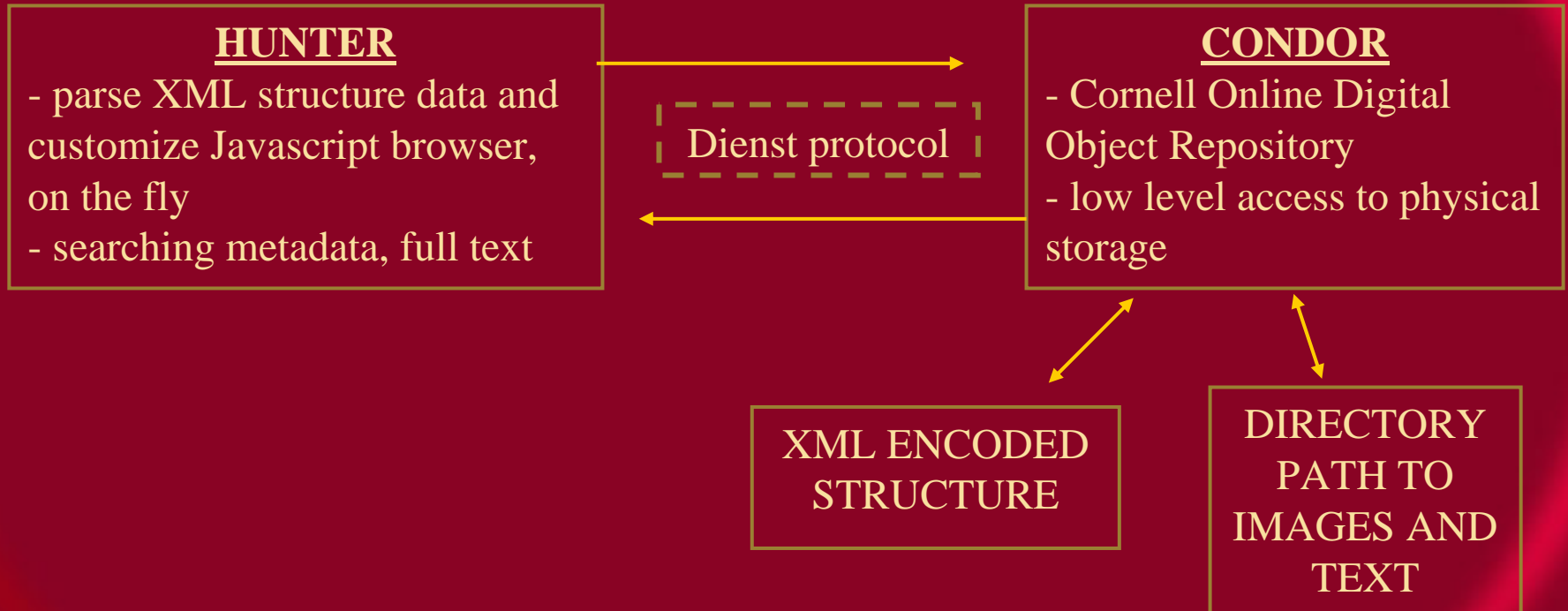
Send us E-mail: [Reference question?](#) | [Computer/Technical question?](#)

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Gateway



# Hunter System Architecture

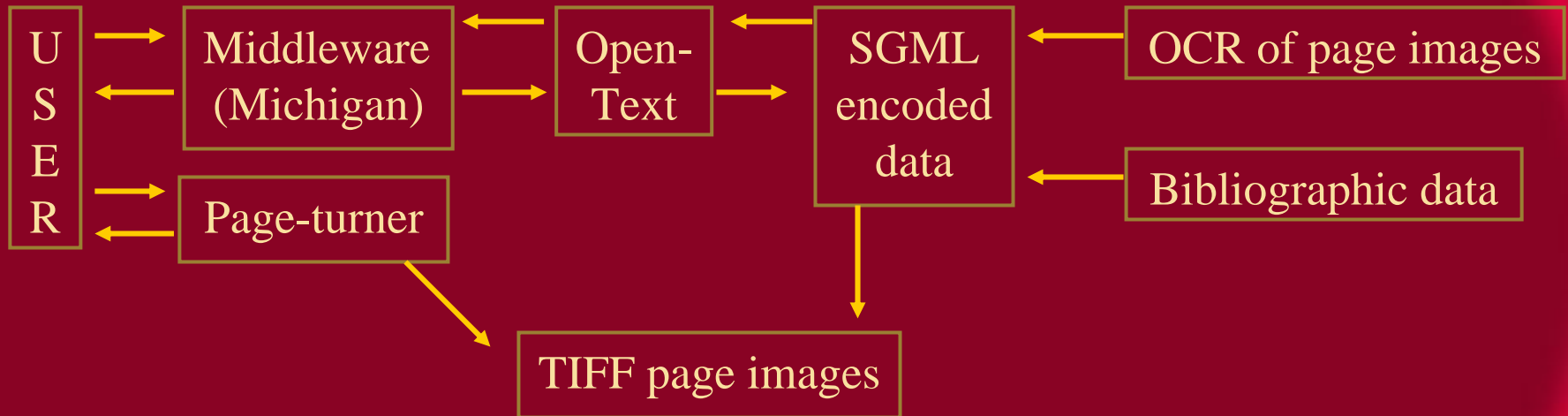


<http://library5.library.cornell.edu/MOA/MOA-COLLECTION.html>





# MOA OpenText System Summary



**System URL:** <<http://cdl.library.cornell.edu/moa>>





# **Evaluating Making of America Interfaces**

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- **Seeking Quality for Users and Staff Supporting Digital Collections**
- **Supporting Buy-In by Staff and Respecting Their Expertise**
- **Broad Review – Internal and External**
- **Review by the Instruction and Reference Program Committee (IRPC) Steering Committee**



# Background

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## Cornell digitization efforts

- focus has been on creating digital content of long-term value and utility
- emphasis on image quality from a preservation, cost, and processing perspective
- Analog copies for preservation: the hybrid strategy

## Growing concern for digital preservation



# Problem Statement

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## Technological Obsolescence

- storage media
- file formats and compression schemes
- various hardware/software
- gaps in institutional memory

## Organizational and Legal Issues

- organizational responsibilities
  - financial requirements
  - stakeholders
  - life cycle management.
- legal framework



# Preserving Cornell's Digital Image Collections: IMLS-funded initiative

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- digital image collection inventory
- research into file formats, preservation metadata, storage, and master vs. access images
- assess resource needs in terms of staff, equipment, space, time, and finances (10-year)
- develop digital preservation policy for CUL  
<http://www.library.cornell.edu/imls/index.htm>



# Developing a Digital Preservation: Policy - 1

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☞ Policies for deposit with CUL-IT

☞ selection, conversion, and re-selection, with emphasis on

- digital collections with long-lasting value
- setting priorities
- requisite documentation metadata



# Developing a Digital Preservation: Policy - 2

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## Technical Requirements

- maintenance procedures
- preservation strategies
  - refresh, migrate, emulate, technology preservation, digital archeology
- Technology forecasting



# Developing a Digital Preservation: Policy - 3

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- Organizational infrastructure
  - institutional responsibility
  - financial commitment
  - staffing
  - cooperation and collaboration






# Developing a Digital Preservation: Policy - 4

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## Institutional buy-in

- Agreement across the system
- Multi-institutional commitments

 proposed preservation strategy outlined in Kenney and Rieger, *Moving Theory into Practice: Digital Imaging for Libraries and Archives*, RLG (spring 2000, [www.rlg.org/preserv/mtip2000](http://www.rlg.org/preserv/mtip2000))



# Planning for the Digital Future

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 Content

 Services

 Community

Presently in Draft, 4/1/00



## In Summary ---

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- Libraries are defined by their content; they operate and are managed through their services.
- Designing and implementing services is a vehicle for generating a sense of common ownership and broad commitment of talent and resources.
- Developing services gives us a means of remaining focused on users and use.