

# Digital Libraries (Survey)

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# Daffodil

- Strategic support
- Proactive system support
- Digital library life cycle
- Collaboration

# Introduction to DLs

(Gary Marchionini)

- Definitions and characteristics of DLs
- Library Extension: Current Digital Library R&D
- Toward Augmentation: The Sharium Model
- The Open Video DL Case
- DL Evaluation
- Implications of DLs

# Image Digitization

(Anne Kenney)

- resolution and threshold
- bit depth
- image enhancement
- color management
- compression
- system performance
- operator judgment and care

# Introduction to Metadata

(Thomas Baker)

- What is Metadata
- Dublin Core
- Encoding Metadata: HTML, XML, RDF
- Metadata Harvesting OAI
- Metadata Infrastructure
- Metadata Landscape

# Identifiers and Reference Links

(William Arms)

- Properties of handles
- Elements of the handle system
- Application of identifiers

# Interoperability

(Arms)

- Heterogeneous distributed systems
- DIENST
- Standardization
- Z39.50



# Repositories

(Arms)

- Layers and interfaces
- Object models
- Protocols
- Access management

# DL Architectures

(Schult)

- Service-oriented Architectures
- Peer-to-Peer Architectures
- Grid Infrastructures,

# Access Management

(Arms)

- Copyright
- Digital objects
- Users and roles
- Permitted operations
- Enforcement
- Roles and permitted operations
- Policies
- Encryption
- Authentication
- Subsequent use

# Social and Economic Factors

(Lin)

- Social factors
- Dissemination
- Intellectual property
- Economic factors
- Knowledge economy

# Multivalent Documents

(Phelps/Wilensky)

- Functionality and architecture
- Browser
- Behaviors
- data structures
- Protocols
- Events
- GIS viewer

# Evaluation

(Saracevic)

- State of the art in evaluation
- construct
- context
- criteria
- measures
- methods

# The Future of DLs

(Ioannidis)

- Person-centric
- Targeted for active communication/collaboration
- Generic technology for DLMS
- Environment-specific needs on top of them
- Maximum reuse
- Global distributed interacting systems
- “All” applications