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P r e s e n t a t i o n

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TITLE: Digital and Information Trends on the Library Landscape

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ABSTRACT: A discussion of the changing role of libraries in industry from external information providers, to organization wide repositories.

KEYWORDS: digital libraries, technology, transportation, data mining

Digital and Information Trends on the Library Landscape



Overview

- Old Model of Libraries
- Major Information Trends
 - Digital Libraries
 - Information Everywhere
- New Model of Libraries
 - Information Aggregator
 - Pathfinder



Old Model



- Library was a Separate Process and Collection from an Organization's Core Business
 - Enhance and Facilitate
 - External Information
 - Emphasis on External Documents



Major Changes

- Ubiquitous Internet
- IP in Everything, Everything as an Information Producer
 - Data Warehousing and Data Mining
- Metadata
 - GIS as Table Rosa
 - Rise of the Sematic Web and XML
- Mass Digitization
 - Legacy Information, Every Book as a Digital Object
- Large Scale Repositories
- Economics of Information
 - Costs too Much to Hold, Purchase or Produce Redundant Data



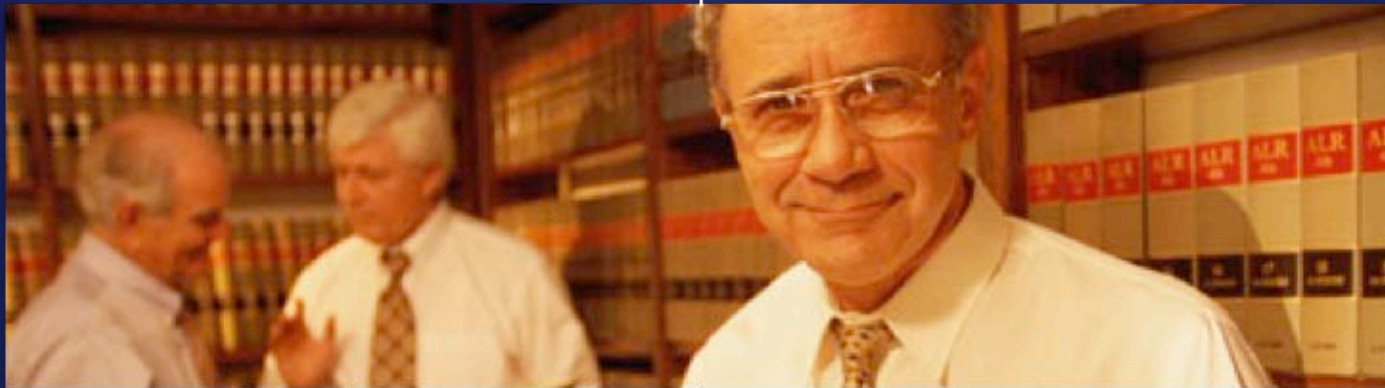
New Model



- Library as Information “Collector” and “Enhancer” of the Organization’s Information
 - Institutional Repository
 - Emphasis on Synthesis



Library as Repository



Partners

Vendors

Consortia

Other
(Gov't, Non-Profit,
Association, etc)



Final Thoughts

- Every Process is Now an Information Process
- Information Must be Managed
 - Digital Information Must be Managed Differently
- Libraries are Becoming Institutional Repositories
 - Require Management
 - Require Synthesis
 - Require Information Professionals

