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 Semantic 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
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