XML and Databases: Latest Fad or New Disruptive Technology?

WWW 2002 Panel Introduction

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Nature of Complex Data

- **Structured Data**
  - Highly regular, homogeneous structures

- **Semi-structured Data**
  - Heterogeneous structure
  - Sparse Occurrences of data

- **Unstructured Data**
  - Documents/Content markup
XML Scenarios

- Data Exchange and Heterogeneous Information Integration
  - XML is ubiquitous, extensible, platform independent transport format

- Content Management
  - Documents
  - Mail Messages
  - Data/view separation
    - Documents, style sheets, transforms

- Messaging
  - SOAP
  - Audit Logs

→ Transport, Store and Query XML data
XML Database Market

- Expenditure on XML Storage solutions will grow from $75 million in 2000 to over $4.1 Billion (US) in 2005.

- XML-enabled RDBMS vendors consumed only 15% of that market in 2000, but will consume over 65% of the total expenditure by 2005.

- Native XML Data Store (NXD) vendors will realize around $1.6 Billion in revenue by 2005.

(numbers based on ZapThink report)
Panelists

- Don Deutsch, Oracle
- Andrew Eisenberg, IBM
- Dana Florescu, XQRL
- Paul Cotton, Microsoft
- Mary Fernandez, AT&T Research