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**
  - B2B, B2C, "A2A"
  - 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**