Industrial Panel on Data Warehousing Technologies: Experiences, Challenges, and Directions

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Panel Description

Data warehousing is an essential element of decision support systems, which have become the largest growing segment of the database industry. Many products and services are now available, and all of the leading database vendors now have commercial offerings in these technologies. Very large (multi-terabyte) data warehouses are being built and successfully deployed in the telecommunications, financial, retail and other industries, and are now routinely being used for on-line analytical processing and other decision support applications. Many organisations are deriving major operational benefits from the use of data warehousing solutions.

However, serious technological challenges remain in scaling to very large or very complex warehousing applications; and in providing tools for building, deploying and maintaining warehousing solutions through the whole operational chain, starting from the backend processes for extracting, transforming, cleaning and loading data into the warehouse, to the front-end tools for data analysis and mining. Next generation applications such as e-commerce or e-business pose additional challenges.

This panel brings together representatives from data warehousing technology vendors and solution integrators to present their views on the following topics:

- Current and future data warehousing requirements from customers
- Real-world data warehousing scenarios
- Scalable architectures for data warehousing
- Lessons learnt from deploying data warehousing solutions
- Technology directions: what are vendors doing to meet requirements
- What problems should the research community be working on?

Panelists

- Ray Roccaforte, Oracle Corporation
- Bob Walker, Informix
- Thomas Zurek and Markus Sinnwell, SAP Business Information Warehouse