DESIGNING A DATABASE FOR OLAP

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Using Web Technology to Build Client/Server Applications

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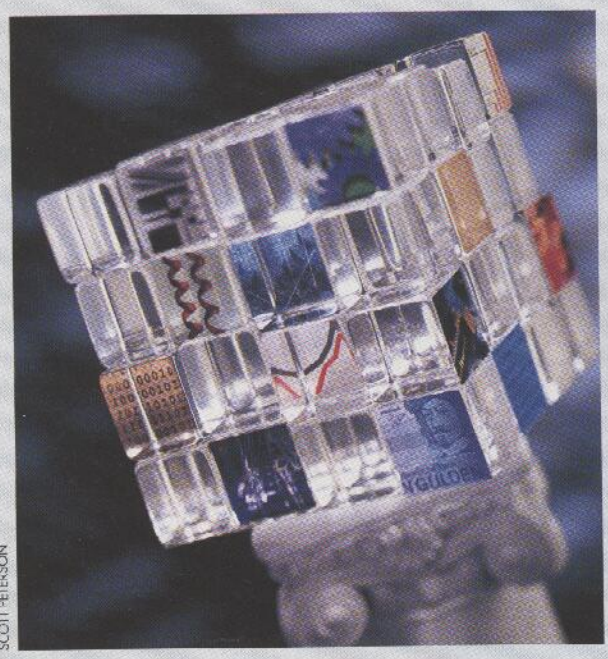
Oracle InterOffice Suite, Oracle7 Release 7.3, Oracle7 Workgroup Server for Digital Alpha Systems and Windows NT, Oracle7 for MVS Parallel Server Option, Personal Oracle Lite, Oracle Rdb7, CDD/Repository, Release 7.0, Oracle Internet Commerce, Enterprise Backup Utility for Oracle7, Oracle Applications at Rockford, Oracle Power Objects 2.0, and more.



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Data Warehouse

Building Blocks for the Next Millennium

by David Baum

Companies are already proving that a well-designed data warehouse can help generate revenue, simplify data management tasks, and raise user-analysis capabilities to new heights. But the question remains: Are we getting any more productive? In this issue, we take a broad look at the data warehouse, with special attention to the decision-support systems and powerful servers that make them tick.

39 **Data-Warehouse Architectures**
The multifaceted architecture of a data warehouse consists of several physical components. Here's a breakdown.

40 **The Oracle Warehouse**
The family of tools, alliances, and consulting services that comprise Oracle's integrated data-warehouse solution.

42 **Overlapping Dimensions**
The market for multidimensional-analysis tools that enable businesses to analyze data across multiple dimensions is growing rapidly.

43 **The Warehouse of the Future**
Over time, relational OLAP products that allow customers to operate directly against RDBMSs will give enterprises the best of both worlds.

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Renaming Your Oracle7 Database

by R. Joseph Gaston

When you're renaming an Oracle7 database, knowing the right tips and techniques can help get both you and your data through the process unharmed.

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OLE and Developer/2000

by Teck Choo Tan

Faster, better, cheaper: The promises every developer wants to be able to deliver become possible with Developer/2000's OLE support. Here's how to use OLE's plug-and-play software components to deliver applications more quickly.

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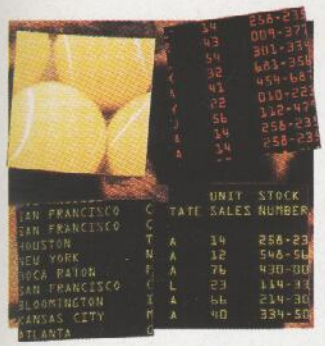
Time to Clean House

by Daniel Kent

NeXT Software's case study is a model of how to ensure a successful transition when you upgrade to Oracle Applications Release 10. Daniel Kent offers handy audit techniques, risk and exposure analyses, sample findings, and more.



METHODOLOGY

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Designing a Database for OLAP

by Dave Menninger

This step-by-step guide to using the Oracle Express server to build your data warehouse dispels the mystery of OLAP's multidimensional data structures and outlines how to deliver OLAP to your enterprise.

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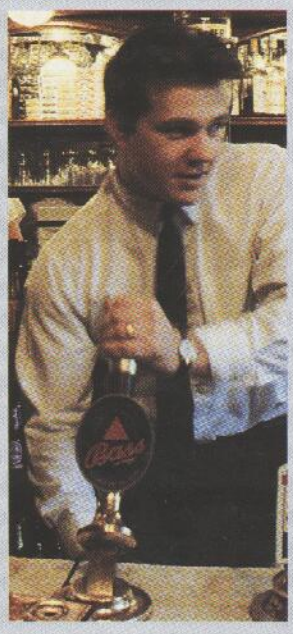
by Ken Siegmann

In 1992, The Netherland's Dutch Ministry of Finance began looking for a system that could easily translate raw data into a management presentation and improve care of the nation's finances. The Ministry's Internal Budget Directorate, which oversees the Ministry's internal operations, initiated a program to convert its information systems from transaction-based operations to online analytical processing (OLAP). The result was a system that allowed more in-depth analysis of data—and greater cooperation between the Ministry's five directorates.

50 The Data Bass



by Rebecca Hickman

Although it is an ageless scene, the UK pub market of the '90s is dynamic, fast-paced, and competitive. To keep up with changing trends, Bass Taverns, a division of Bass PLC, reevaluated its core business practices and implemented a data-warehouse strategy that provides critical and timely information to Bass management. Based on the Oracle7 Parallel Server, the new system tracks and analyzes operations and sales data from 2,700 Bass Taverns pubs throughout the UK.

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Using Web Technology to Build Client/Server Applications

by Steve Bobrowski

If you're not already using World Wide Web technology to build client/server database applications, you will be soon. Here's how to get started.

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