

ORACLE®

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M A G A Z I N E

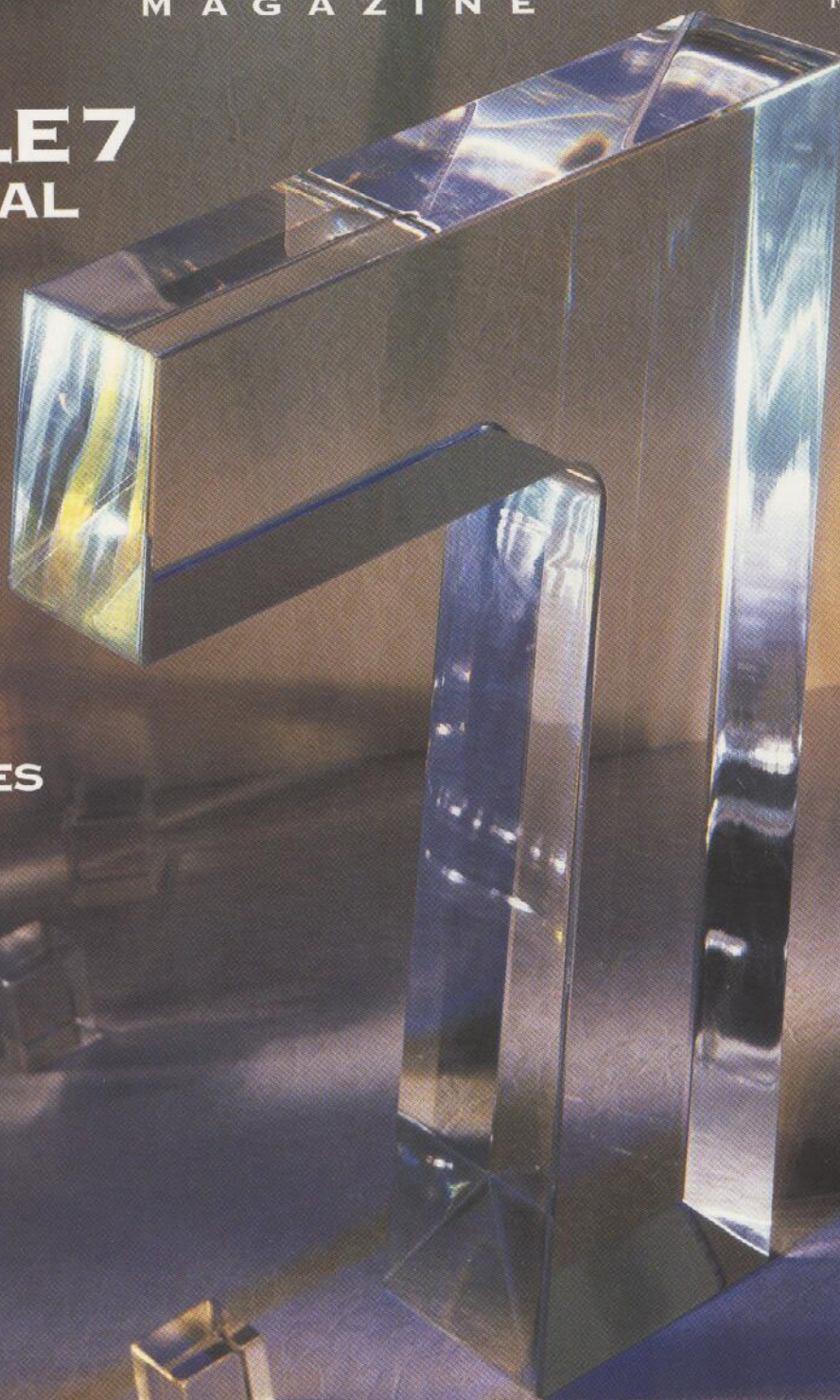
FALL 1992/\$4.95

ORACLE7 IN THE REAL WORLD

**INTERVIEW:
DIGITAL'S
WILLIAM
DEMME**

**RAILWAY
TRANSPORT
SYSTEMS**

**CASE
REPOSITORIES**



APPLICATIONS



ORACLE 7

IN THE REAL WORLD

29 Oracle conceived and designed the ORACLE7 Alliance Program to ensure that the new release functioned well in real-world situations. In this section, ORACLE Magazine profiles three of the ORACLE7 Alliance Program Members and shows how these prominent companies employed many of the advanced features in ORACLE7 to meet their information management requirements.

30 Kenny Services, Inc.

BY BILL TRUETTNER

With ORACLE7's scalable performance, municipal bond tracker Kenny Standard and Poor's can quickly and effectively manage massive quantities of constantly changing data.

34 ITT Hartford

BY JILL DONLEY

ORACLE7's stored procedures and database triggers allow ITT Hartford's application developers to deliver more applications with smaller staff at lower cost to their internal customers.

32 U S WEST NewVector Group

BY BOBBIE DELANEY

Cellular communications provider U S WEST NewVector Group's burgeoning growth is supported by ORACLE7's scalable performance and seamless portability between MVS and open systems.

36 Migrating to ORACLE7

BY TOM COX

Why upgrade to ORACLE7 at all? In a word, productivity. Migration is easy, and users can take advantage of many ORACLE7 features (such as shared SQL) automatically.

20 Order in the Court

BY JILL DONLEY

Australia's Victorian Accident Compensation Tribunal and WorkCare Appeals Board must handle governmental paperwork in a timely fashion to avoid clogging the Australian courts. These agencies rely on an ORACLE-based system to handle the flood of files required for workers' compensation cases, reduce red tape, and streamline a crowded schedule of judicial hearings.

24 On the Right Track

BY REBECCA HICKMAN

Austria's state-run railway, Österreichische Bundesbahnen (ÖBB), is a vital conduit for commerce and travel. To improve service within Austria and in connection with other railways throughout Europe, ÖBB has undertaken an extensive modernization program called "New Railway" to automate all transport of goods and passengers. The heart of the ÖBB's New Railway traffic management systems is the ORACLE RDBMS.

PERSPECTIVE

5 Restoring the Original Enterprise Perspective with Objects

BY NATASHA KROL, PROGRAM DIRECTOR, META GROUP

Object orientation has affected virtually all areas of software development. The onslaught of object-oriented "everything" has created an impression that the real origins of object-orientation are the two middle letters in the word "gOOd." This viewpoint grossly oversimplifies the issues of OO development.

88 Application Software in the 1990s

BY CURT MONASH, PH.D, PRESIDENT, NEW WORLD INVESTMENT RESEARCH

During the 1980s, most mainstream application software developers struggled. However, the industry will undergo many changes in the 1990s. Almost every application category will be transformed by three major trends: greater ease of use, greater flexibility, and distributed solutions.

SQL LIBRARY

7 Relational Database Writings 1989-91

NEW PRODUCTS

9 Trusted ORACLE7

11 Oracle Applications Release 9

13 Oracle Data Browser Version 1.0



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INTERVIEW

14 Digital Equipment Corporation's William R. Demmer, Vice President, VAX VMS Systems and Servers

BY THE EDITORS

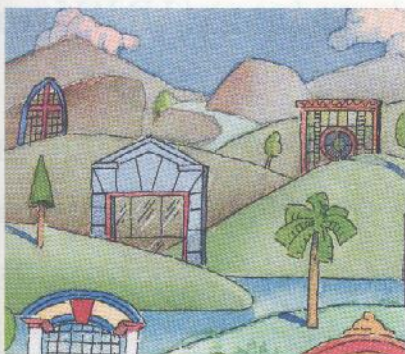
Digital Equipment Corporation pioneered the midrange computer market, providing cost-effective alternative technologies to the traditional mainframe environment. ORACLE Magazine talks with William R. Demmer about DEC's plans for the future and the changing face of the computer industry.

USER HELP

41 Building Text-Based Applications

BY JACK MYERS, CENTOCOR, INC.

Pounding textual data into a conventional relational database is like trying to hammer a square peg into a round hole. SQL*TextRetrieval V2.0 lets users marry conventional relational data with the power of a text information management system. This article is a step-by-step guide to building a text retrieval SQL*Forms application that manages records retrieval.



46 Using Pop-Up Windows in SQL*Forms Applications

BY MICHAEL W. FISHER, WALKLETT BURNS, LTD.

One of the most requested and eagerly awaited capabilities of SQL*Forms V3 was the ability to create and control pop-up windows. This feature allows the designer to display, capture, and manipulate data without leaving the form or obscuring a relevant piece of information. This article gives users a firsthand look at creating SQL*Forms applications with pop-up windows.



CASE

51 Repository Technologies: A Look Ahead

BY RICHARD BARKER, SENIOR VICE PRESIDENT, ORACLE EUROPE

During the next ten years the computer market will look for applications that are responsive, flexible, and appropriate to the ever-changing needs of the business. This article examines the issues the industry is facing, defines the essential components of CASE and repository technology, and considers how these technologies may evolve.

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