

DEVELOPING WEB APPS • GLOBAL SUPPLY CHAIN

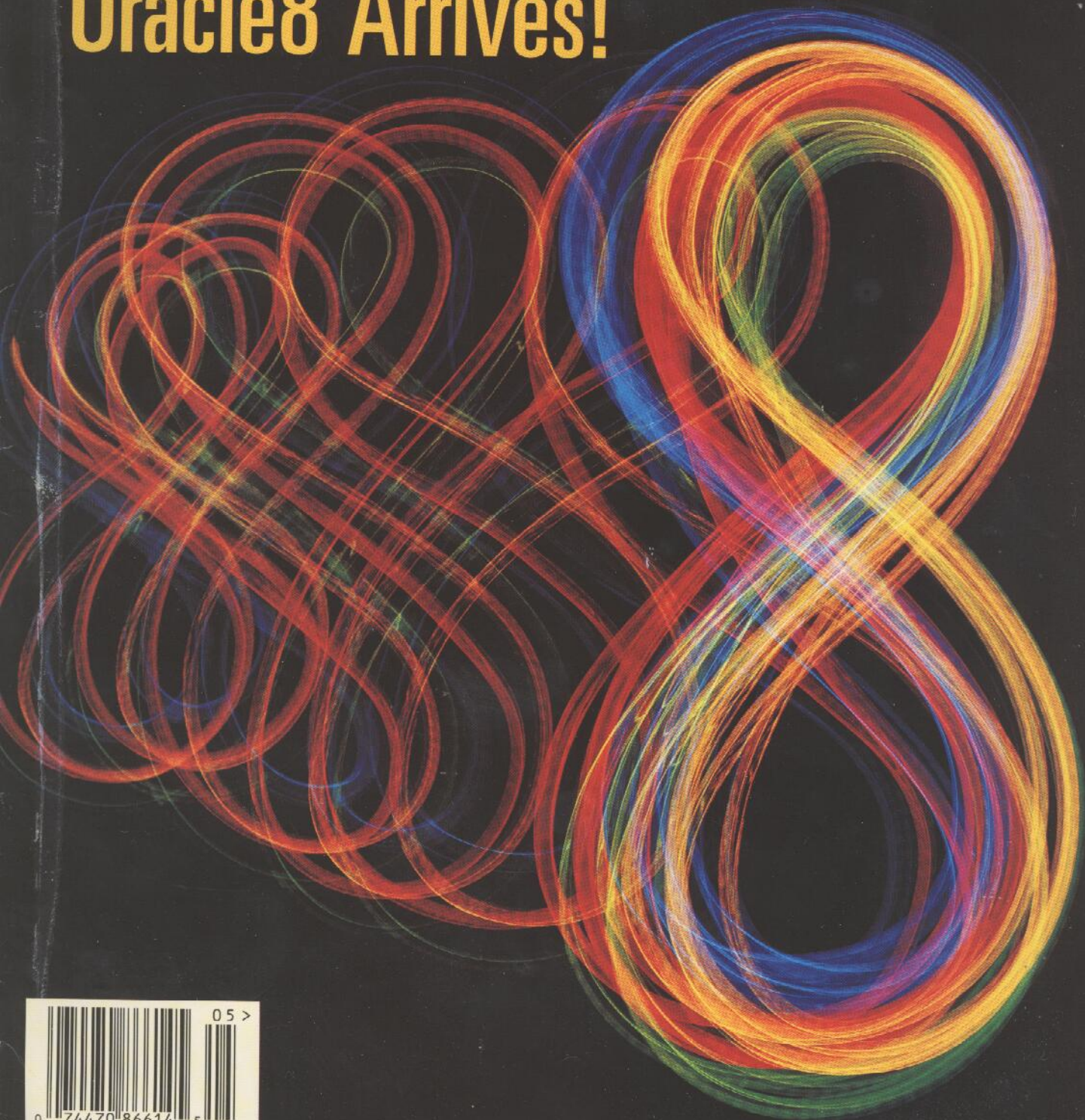
# ORACLE®

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M A G A Z I N E

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## Oracle8 Arrives!





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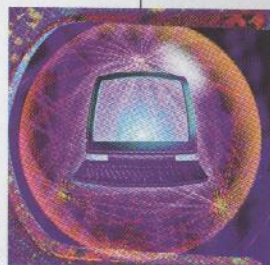
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Network Computing Architecture and Web Application Server 3.0 to create a variety of applications to run over the Web.

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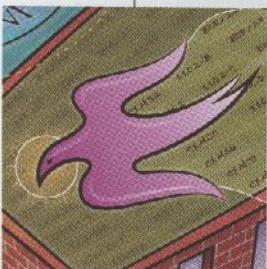
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By Dennis Harvey. The nuts and bolts of developing applications for the Web are Oracle's Web Application Server 3.0 and Web Request Broker architecture. Use them wisely, and you can take advantage of the power the Web provides.



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## Features

### COVER STORY

## 45 The Great 8

By Philip J. Gill. Corporate databases are not only getting bigger, they're also becoming more complex. Businesses need more information for more people, and they need it yesterday. Oracle8's new object-relational engine supports those needs, and does it in a way that—until recently—the world said couldn't be done. Supporting both transaction processing and data warehousing isn't just an idea for the future; it's right here, right now.

## 56 A Better Way to Fly

Boeing and Arizona State University have teamed up to create the aircraft of the future. Developing a prototype integrated product database using Oracle's Oracle8 object-relational server gives the Boeing/ASU team the power it needs to deliver the analysis and information for shortening testing cycles, speeding up design, and lowering costs.

## 60 Inside Oracle8

The speculation is over; the product is here. Designed specifically to address the needs of today's biggest, most demanding and complex database applications, Oracle8 gives businesses what they need to support mission critical applications. Here's a brief description of some key features.

COVER PHOTOGRAPH BY CARTER DOW



## 62 Destination Sedona

When it comes to objects, Sedona is the place you want to go. Sedona is the first development environment of its kind based on industry standards. Developers can take full advantage of the Web, the Internet, and Oracle's Network Computing Architecture by using Sedona to create applications that can be made available to the world of PCs, Macs, workstations, Web browsers, network computers, and more.

## 64 Coding en Automatique

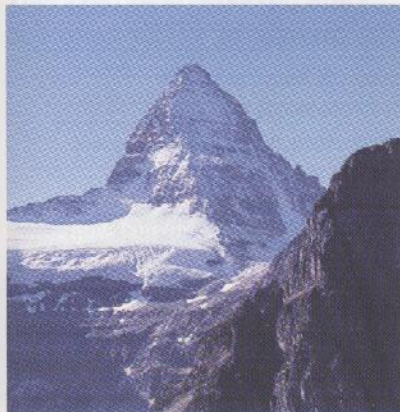
French consulting firm FCC brings it all together to make the promise of object technology a reality: One of the first sites to start testing Oracle8's object-relational technology, FCC plans to achieve nothing short of creating new applications without writing new code.

## 66 Divide and Conquer

Don't let all the press about object-relational capabilities obscure Oracle8's wealth of features and enhancements aimed at managing very large databases. Contributing Editor Steve Bobrowski provides the tech's eye view of Oracle8 and what it means to the people on the front lines—the developers—with a step-by-step tutorial on how to use Oracle8's partitioned tables and indexes.

### ORACLE SERVER/ORACLE TOOLS/ORACLE8 BETA

## 70 Preserve & Protect



By Bea Baechle. Conserving the vast open spaces of Canada's third-largest province while making it accessible to humans is no small task. But with the help of an Oracle7-based data warehouse, Oracle tools, and the World Wide Web, the British Columbia Ministry

of Environment, Lands, and Parks is doing just that. A beta copy of Oracle8 promises the Ministry an even better system of responding to environmental challenges.

### ORACLE SERVER

## 78 When Disaster Strikes

By Philip J. Gill. A variety of dramatic natural disasters and civil disruptions hit California's Los Angeles County in the past five years. And until 1995, the entire emergency-response process was largely manual. Now, with a state-of-the-art Emergency Operations Center and a custom-developed, Oracle7-based Emergency Management Information System in place, the county is ready to respond to the next major calamity.

