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For Businesses Wanting to Speed Their

Growth in the Global Marketplace, a Serving

of Java Is Just What the DBA Ordered





OLUME XI/NUMBER 4 JULY/AUGUST 1997

Features

COVER STORY

Journey to Java

By David Baum. Java is fast becoming the cornerstone of a new architecture that is revolutionizing the computing road map in record time. Java has the potential to fundamentally change the way information systems are constructed, managed, and used. But what is Java and what does it mean to your enterprise? Join us on an expedition to find the answers.



As Java evolved from the programming group at Sun Microsystems, its lead engineer James Gosling became the industry's Java hero behind the evolution.

Pushing the Presses

R.R. Donnelley and Sons, an industry-leading publishing production company, used Java to create Coris Publisher, a system based on an Oracle7 database and Oracle's InterOffice that allows customers to create highly customized output over the Web for a variety of media.

David Spenhoff: Soft on Java

Sun's director of product marketing for the JavaSoft division explains the route to Java's universal acceptance.

Objects on Board

Bridging the gap between distributed-object computing and mainstream practices.



52 Epoch Journey

Using Java technologies, Epoch Networks has created a Web-based intranet for the American Red Cross that will allow any of the organization's 1.4 million workers to exchange information online.

Cafe Oracle

Oracle is weaving Java into the fabric of its Network Computing Architecture with support, tools, and new applications that give partners and customers a powerful platform for the next generation of computing

58 JDBC and JSOL Code Depot

It all sounds like alphabet soup, but JDBC and JSQL have inherent differences that distinguish them as valuable tools in the Java toolbox.

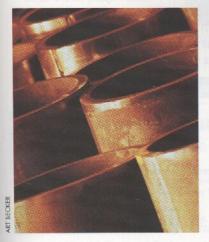
60 Java Road

Getting ready to embark on the journey to Java is no small chore, but a host of companies are ready to accompany you on your excursion with their applets, development tools, and applications.

Utilizing the Strengths of Java with Oracle

By Bradley D. Brown. When it comes to creating applications for corporate intranets and the Web, it's important to use the right tool for the job. Java, JavaScript, and HTML each have a place in the developer's toolbox.

PHOTOGRAPHY CREDITS: COVER AND ABOVE: MICHIO NAKAHARA/PHOTONICA BELOW: ART BECKER/PHOTONICA



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By Michael Miley. Businesses in Central Europe are facing new challenges as they make the transition from a socialist economy to a free-market system. The rigors of a competitive marketplace are replacing the old ways of central regulation of production and distribution. Slovnaft a.s., the largest crude-oil refinery and petrochemical company in Slovakia, is making these changes with the help of an Oracle-based solution that will drive the company's modernization forward.

Energizers: Oracle Energy Applications at CNG, Torch, and Phillips

On the U.S. front, Oracle Energy-an integrated suite of Oracle Applications designed for the oil-and-gas and related industries—is giving companies such as CNG Producing, Torch Energy Advisors, and Phillips Petroleum the power they need to stay on top of their IT systems.

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Network Computing Architecture—will let you create applications that combine the robustness of the client/server world; the ease of use, low deployment cost, and flexibility of the Web; and the component capabilities of objects.



87 Making the Move to Distributed **Environments**

By Rhonda Stieber Distributed computing environments provide

greater flexibility and more efficient use of computing resources. When making the

transition to a distributed environment, you need to make sure the basic infrastructure is solid before you start taking the steps in a phased implementation.



95 Maximizing Your PL/SQL **Development Environment**

By Steven Feuerstein.

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