

ORACLE

WWW.ORACLE.COM/DRAMAG/

MARCH/APRIL 2000

ebuilders

THE NEW
INTERMEDIARIES

34
EBUILDERS

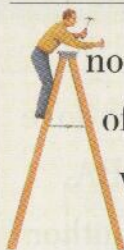
67
INTERNET
DIRECTORY
SERVICES

75
JAVA DEVELOPMENT
AND ORACLE8i

87
NEW TUNING TOOLS
FOR ORACLE8i



ebuilding /34



another new strategic element of the e-business landscape: virtual intermediaries. These are the companies that exist

36 STREAMING COMMERCE

Digital River streamlines e-commerce activities for online retailers by handling the complex back-office processes. — By David Baum

43 THE VIRTUAL INTERMEDIARY

A visual guide to the intermediary's role in e-business transactions.

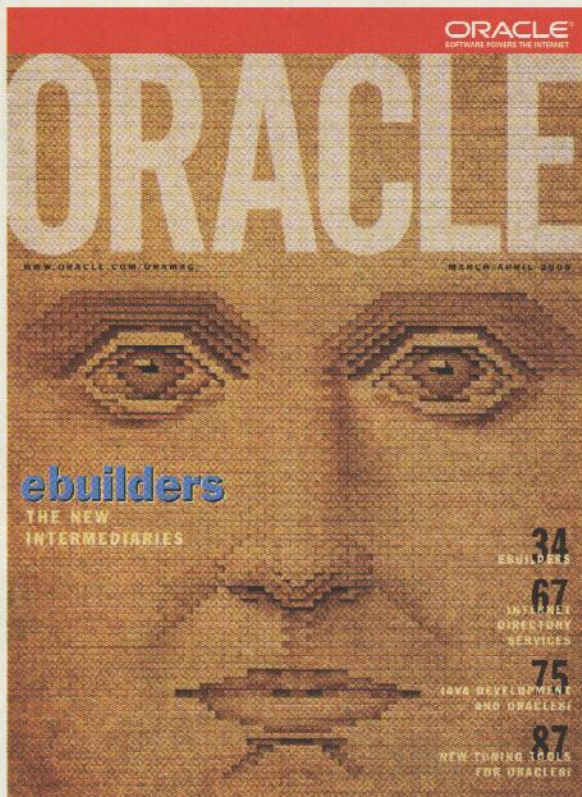


45 E-BUSINESS GLOSSARY

The 24x7 e-business model demands an internet platform that is available, scalable, extensible, manageable, and secure.

46 THE NEW INTERMEDIARY

Don Tapscott, one of the visionaries of the digital economy, explains the emergence of a new layer of virtual middlemen.



between the mouse click and its destination, streamlining the flow of information and products and allowing companies to produce in the 24x7 universe. The scalability, reliability, security, and internet technology of the Oracle database make it a natural foundation for this new business layer.

Cover Illustration by David Wilcox



48 E-MAIL BOUTIQUE

Critical Path uses Oracle8 Database Server as the engine behind its outsourced e-mail and messaging services.

— By Philip J. Gill

54 INSTANTLY E-BUSINESS

Bigstep.com delivers free e-business services to help small businesses nationwide move to the Web.

— By Michael Miley

60 BUILDING WORKS

NetClerk provides building contractors with Web-based forms management for construction-permit application. — By Michael Miley

13

UP FRONT

Hard-Hat Optional

E-business innovators are deconstructing business models.

15

IN STORE

XML Developer's Kit and Support Program

Support for Java 2, Oracle8i Lite, Express Server 6.3, Oracle Integration Server, and more.

25

SUPPLY CHAIN

New Partner Products

Products for performance management and collaborative development, plus technical books and more.

67

INDUSTRY STANDARD

Introduction to Directory Services and LDAP

Lightweight Directory Access Protocol brings the benefit of industry-standard directory services to developers and DBAs. — *By Kelli Wiseth*

72

INTERNET ARCHITECTURE

Oracle Internet Platform and LDAP

A close-up of the key components of Oracle Internet Directory.

75

JAVA

Best of Both Worlds:

Calling Java from PL/SQL

With Oracle8i, developers can take advantage of the internet-standard Java programming language in addition to PL/SQL. — *By Steven Feuerstein*

PEER-TO-PEER

Nirva Morisseau-Leroy /128

How a passionate Haitian fell in love with structure and became a DBA, developer, herb gardener, and author.



87

TUNING

Diagnosing Performance with Statspack

Oracle8i Statspack gives administrators and tuning specialists a tool for diagnosing system performance. — *By Connie Dialeris and Graham Wood*

99

ORACLE8 RECOVERY

Using RMAN for Step-by-Step Backup and Recovery

To create a rock-solid backup-and-recovery strategy, make Recovery Manager part of your plan. — *By Brian McCabe*

111

DBA

Quick Cloning Technique

This cloning technique lets you re-create an entire production database in less than an hour. — *By George Callaway and Keith DiNicola*

PAGE 31

Calendar

PAGE 121

Advertisers' Index

PAGE 123

Marketplace

PAGE 124

Career Opportunities

ORACLE

MAGAZINE

EDITORIAL

Editorial Director

Leslie Steere
lsteere@us.oracle.com

Editor in Chief

Kelli Wiseth
kwiseth@us.oracle.com

Senior Managing Editor,

Department Editor
Kim Austin Peterson

Senior Features Editor

Patty Waddington
pwadding@us.oracle.com

Customer Features Editor

Jeanne Hoffman
jehoffma@us.oracle.com

Senior Art Director

Nathalie M. Valette
nvalette@us.oracle.com

Art Director

Jan Rogers
jmrogers@us.oracle.com

PRODUCTION & OPERATIONS

Publisher

Julia O'Dell McVeigh
jaodell@us.oracle.com

Senior Manager, Circulation &

Business Development
Cecelia Glover
cglover@us.oracle.com

Senior Manager, Planning &

Operations
Sheila Cepero
scepere@us.oracle.com

Production Manager

Courtney Hamer
chamer@us.oracle.com

Production Manager, Ireland

Tracy Connaughton

© Oracle Corporation 2000

All rights reserved. No part of this publication may be reprinted or otherwise reproduced without permission from the editor. Oracle does not provide any warranty as to the accuracy of any information provided through *Oracle Magazine*. Oracle shall not be liable for any damages incurred as a result of reliance on any information provided herein.

Oracle is a registered trademark of Oracle Corporation. Various product and service names referenced herein may be trademarks of Oracle Corporation. For a full listing of Oracle trademarks and registered trademarks, consult Oracle's Web site at www.oracle.com or send a request to trademar@us.oracle.com. All other product and service names mentioned may be trademarks of their respective owners.

