

Copyright ©1995 by NeXT Computer, Inc. All Rights Reserved.

OpenStep Journal

Volume 1, Issue 1
Spring 1995

Features

The Same, Yet Different: NEXTSTEP and OpenStep

You can start to plan now for the OpenStep world. Here's a description of how NEXTSTEP differs from OpenStep and ideas for making future conversion of your applications as easy as possible.

Jean Ostrem

Writing Device Drivers in an Object-Oriented World

Driver Kit greatly eases the task of writing device drivers, essential components of an I/O subsystem.

Gary Staas

Realities of Distributed Objects

Designing a distributed application can offer a valuable education. This first article in a series focuses on registering and connecting to servers.

Brian Raymor and Randy Tidd

Departments

appDidInit:

Steps on a new journey toward successful solutions with OpenStep.

The Village Smithy

The smith hammers out the details of network startup.

Alan M. Marcum

FAQ

Answers to questions frequently asked of NeXT's SupportLine. This issue features **ditto**, a useful new upgrading tool.

CREDITS AND LEGAL MATTER

Editorial

Editor: Cynthia Closkey

Copy editor: John Hammett

Design and production

Book designer: Cindy Steinberg

Cover designer and illustrator: Daniel Marusich

Production artist: Erica Denison

Production coordinator: Jennifer Sherer

Circulation manager: Chona Reyes
Printer: Forman/Leibrock

Contributions

Brandon Greimann, Alan M. Marcum, Jean Ostrem, Brian Raymor, Gary Staas, Randy Tidd

Technical reviews

David Bohman, Philip Dibner, Alan Freier, Chris Friesen, Blaine Garst, Joe Keenan, Marc Majka, Trey Matteson, Doug Mitchell, Allan Nathanson

Special thanks

John Carmack, Toni Childress, Greg Epstein, Allen Denison, Monika Linke, Judith Starnes

Colophon

The *OpenStep Journal* is designed, written, and produced with NEXTSTEP. Final pages are output to film from PostScript to a high-resolution imagesetter and printed via offset lithography. The Futura, Trade Gothic, and Caslon families of typefaces are used throughout this journal.

About the OpenStep Journal

The *OpenStep Journal* is a quarterly technical journal published by NeXT. It provides timely technical information and thorough examples for programmers and system administrators. Each subscription issue includes a floppy disk that contains an electronic version of the journal. The disk can be used with the Digital Librarian™ application to access information on specific topics by searching for keywords.

To subscribe to the *OpenStep Journal* or to inquire about subscriptions, please use the order form at the back of this issue. To comment on the journal or to inquire about contributing articles, write to *OpenStep Journal*, NeXT Computer, Inc., 900 Chesapeake Drive, Redwood City, CA 94063; or send Internet e-mail to **OpenStepJournal@next.com**.

Copyright© 1995 NeXT Computer, Inc. All rights reserved.

We at NeXT have tried to make the information contained in this publication as accurate and reliable as possible. Nevertheless, NeXT disclaims any warranty of any kind, whether express or implied, as to any matter whatsoever relating to this publication, including without limitation the merchantability or fitness for any particular purpose. NeXT will from time to time revise the software described in this publication and reserves the right to make such changes without obligation to notify the purchaser. In no event shall NeXT be liable for any indirect, special, incidental, or consequential damages arising out of purchase or use of this publication or the information contained herein.

Restricted Rights Legend:

Apple Computer, Inc. provides its software to non-DOD agencies with RESTRICTED RIGHTS and provides its supporting documentation with LIMITED RIGHTS. Use, duplication, or disclosure by the government is subject to the restrictions set forth in subparagraph (c) of FAR ' 52.227-19, entitled Commercial Computer Software - Restricted Rights. In contracts with DOD agencies, the government's rights in software, supporting documentation, and technical data are governed by the restrictions in DFARS ' 252.227-7015, entitled Technical Data -- Commercial Items, and DFARS ' 227.7202.

NeXT, the NeXT logo, NEXTSTEP, the NEXTSTEP logo, OpenStep, NeXTanswers, Application Kit, Database Kit, Device Driver Kit, Digital Librarian, Enterprise Objects, and Foundation Kit are trademarks of NeXT Computer, Inc. UNIX is a registered trademark of UNIX Systems Laboratories. All other trademarks mentioned belong to their respective owners.

Unless otherwise noted, all keyboard references are to U.S. keyboards.

NeXT Computer, Inc.
900 Chesapeake Drive
Redwood City, CA94063
U.S.A.