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RUNNING WINDOWS APPLICATIONS IN OS/2[®]

A Power User's Guide

✓ *Easy Conversion
for Windows Users*

✓ *Optimizing
Windows*

✓ *Covers
Multimedia,
LAN, and Printing*



OS/2 2.1

OS/2 Warp, Version 3

OS/2 for Windows

OS/2 SMP

Running Windows Applications in OS/2®

A Power User's Guide

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Dedication

This book is dedicated to the people closest to us, our husbands, wives, and families, who encouraged, supported, and stood by us throughout the trying efforts required to make this book a reality.

To Sharon and Sayo,
Ayo

To Gary,
Terri

To Tim, Tim Jr., and Cayla Brooke,
Jean

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Foreword

While IBM's OS/2 Version 2.0 Operating System was still under development, it created an uproar in the personal computer industry. Early Beta versions showed that it could run not only Presentation Manager programs (both 16-bit and 32-bit), but DOS programs, and Microsoft Windows programs as well. The industry became excited at the proposition of Windows programs running side-by-side DOS and PM programs. "Seamless" became the industry buzz-word when referring to the OS/2 Operating System and its support of Windows programs.

OS/2 Version 2.1 added to the success of its predecessor, OS/2 Version 2.0. With OS/2 Version 2.1, the Windows program support was expanded to include Enhanced mode support, faster clipboard and DDE, OLE support, additional Multimedia support for full motion video, and additional video modes in the "seamless" environment. OS/2 for Windows allows experienced Windows users to take advantage of the many features of OS/2 Version 2.1 with a simple, low-cost upgrade to their Windows Version 3.1 configurations.

This is the first book that explores the many features of WIN-OS/2 in both OS/2 for Windows and OS/2 Version 2.1. The book presents information about how WIN-OS/2 is blended into the OS/2 Presentation Manager's Workplace Shell desktop. It provides in-depth explanations of how to make the most of your WIN-OS/2 environment optimizing your Windows programs to run more efficiently in OS/2.

As engineers on OS/2, the authors, Ayo Anise, Teresa Beck, and Jean

xx FOREWORD

Shortley were intimately involved in the design, development, and testing of WIN-OS/2. This book is written so that they can share their knowledge of the power of OS/2 Version 2.1 and OS/2 for Windows with businesses and end users.

Lois A. Dimpfel

Director, Personal Operating Systems
Personal Software Division Programming Center
IBM Boca Raton, Florida

Preface

Operating systems are written to drive and exploit hardware, this book has been written to share the power of the OS/2 Operating System and help Windows 3.1 end users make the transition from a DOS-based environment to a 32-bit operating system written to harness the power of today's computers.

The Audience

Running Windows Applications in OS/2: A Power User's Guide is a book that will help Windows program users who have decided to "Operate at a higher level" with OS/2 or OS/2 for Windows to implement multitasking on their desktops. This book is also for the OS/2 customer with the one or two Windows programs who wants to integrate those programs with the rest of the Workplace Shell desktop and take complete advantage of all the functions and features available on this robust personal computer operating system. This book is for the Windows 3.1 end user who is also an OS/2 end user who wants as much information as possible on this exciting implementation of software technology.

Inside this Book

The scope of this book encompasses key points of the OS/2 operating system: installation, how to get Windows applications to run, maneuvering around the Workplace Shell desktop, configuring the printing environment, and finding help on the desktop. In addition, readers will be informed of what programs are available to help perform day-to-day business tasks, how to enable OS/2's crash protection for individual Window's programs, how to share data across the desktop, the secrets of "seamless," how to get multimedia and LAN environments set up, as well as tips on how to improve performance and key features of the Warp release.

Each chapter provides insights into the design of the subject presented and step-by-step instructions on how to configure your Workplace Shell desktop to look and feel like Windows 3.1 or blend your Windows 3.1 applications on the Workplace Shell desktop.

The purpose of this book is to enable OS/2 end users take advantage of their WIN-OS/2 environment and also to grow Windows program users to the full multi-tasking OS/2 environment and Workplace Shell desktop. Each topic is discussed with steps to help readers achieve their goals, and we have provided technical information on the architecture, design, and innerworkings of the WIN-OS/2 desktop in the OS/2 Operating System.

Where other books discuss Windows 3.1 support in the OS/2 Operating System in a chapter, *Running Windows Applications in OS/2: A Power User's Guide* is dedicated to the subject of implementing Windows applications in OS/2. *Running Windows Applications in OS/2: A Power User's Guide* presents OS/2 from the point of view of a Windows 3.1 end user and leads readers through the steps of integrating this whole new environment, OS/2, in their daily computing activities.

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