

## Writing Os 2 Device Drivers

**This is an anthology of the most useful and provocative articles on IBM's OS/2 2.0 which have appeared in the IBM Personal System Developer and IBM OS/2 System Developer, organized for easy access, and reliable reference. All articles have been reviewed for highest applicability, and updated, for maximum currency. PCMag.com is a leading authority on technology, delivering Labs-based, independent reviews of the latest products and services. Our expert industry analysis and practical solutions help you make better buying decisions and get more from technology. Computerworld**

### 32-bit Architecture And Os/2 Applications

Designed to run 32-bit applications, IBM's OS/2 Version 2.0 was created to take full advantage of 386 and 486-based PCs and workstations. The book, written by an IBM insider, emphasizes the design issues of software development for OS/2 applications. It shows programmers how to squeeze the most from 32-bit systems--for dramatic increases in speed and power.

For more than 40 years, Computerworld has been the leading source of technology news and information for IT influencers worldwide. Computerworld's award-winning Web site (Computerworld.com), twice-monthly publication, focused conference series and custom research form the hub of the world's largest global IT media network.

OS/2 2.X Notebook

Software Tools for the Professional Programmer

Writing OS/2 2.1 Device Drivers in C

**Introduces OS/2 for use in planning and implementing device drivers, and discusses process and thread management, file and memory management, semaphore coordination, and more**

**Writing OS/2 2.0 Device Drivers in C**Van Nostrand Reinhold Company

**Writing Windows VxDs and Device Drivers**

**Linux Device Drivers**

**Writing OS/2 2.0 Device Drivers in C**

InfoWorld is targeted to Senior IT professionals. Content is segmented into Channels and Topic Centers. InfoWorld also celebrates people, companies, and projects.

Provides information on writing a driver in Linux, covering such topics as character devices, network interfaces, driver debugging, concurrency, and interrupts.

The Ultimate OS/2 Programmer's Manual

Dr. Dobb's Journal of Software Tools for the Professional Programmer

Designing OS/2 Applications

*Software developer and author Karen Hazzah expands her original treatise on device drivers in the second edition of Writing Windows VxDs and Device Drivers. The book and companion disk include the author's library of wrapper functions that allow the progr*

*Device drivers are a critical link between OS/2 developers and users, and the on-time schedules of new applications for OS/2. This guide provides programmers and developers with the skills they need to write device drivers and get applications working. Defines device drivers, explains how various components of the operating system interact, and where the drivers fit in.*

*MS-DOS System Programming*

*Writing Scientific Programs Under the OS/2 Presentation Manager*

*Writing Windows WDM Device Drivers*

Master the new Windows Driver Model (WDM) common to Windows 98 and Windows 2000. You get theory, instruction and practice in driver development, installation and debugging. Addresses hardware and software interface issues, driver types, and a description of the new 'layer' model of WDM. ;

This thoroughly updated guide provides programmers and developers with the skills they need to write device drivers and get applications working. The author defines device drivers, explains how various components of the operating system interact, and where the drivers fit in. A totally new chapter on using the C-Set/2 compiler to interface with OS/2 2.0 device drivers has been added. Disk

includes all source code in the book, plus source code for three compiler drivers.

InfoWorld

PC Mag

Byte

This text contains solutions to problems readers are likely to encounter when writing OS/2 applications, including how to get the most from their hardware and operating system interfaces using the Professional Developer's Kit. It begins with a tour of the OS/2 command line and Workplace Shell and ends with a section on advanced multithreading and multitasking techniques. In between are the essentials of I/O, customization, parallel and serial ports, hardware access, device drivers, graphics, video, memory management, DLL and multimedia API support.

Provided here is a simple introduction to writing scientific programs using the OS/2 presentation manager. This book shows you how to write programs in the C language and is the first to illustrate how to plot data on hard copy devices such as dot matrix printers and pen plotters. Since the C language may be somewhat hard to read for some beginners, a chapter has been included which introduces the C language and includes simple definitions to make C more readable. Discussions comprehensively cover all important areas, including: how to display images such as those obtained from scanning microscopy techniques, frame grabbers, and image capture devices; how multiple thread of execution can be used within your program so that several tasks can run at the same time; the methods of communicating between these threads; how to acquire data from acquisition cards; an introduction to the Intel 80286 assembly language; and how to make calls to OS/2's serial device driver showing how to send and receive characters simply. In addition, all program examples are complete working programs which are fully discussed so that novices can easily understand their purpose.

Dr. Dobb's Journal

Writing OS/2 Device Drivers

IBM Systems Journal