Writing Os 2 Device Drivers

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.

Targeted at the experienced PC user, Inside OS/2 2.1, 3rd Ed. continues the tradition of excellence and accuracy attained by its predecessor, the bestselling OS/2 2, Special Ed. It covers all the new features that are expected in OS/2 2.1 and provides information not found in the product's documentation.

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.

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.

Writing OS/2 2.0 Device Drivers in CVan Nostrand Reinhold Company

Discusses programming tools, communication, file management, directories, multitasking, and customizing with the OS/2 operating system

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

A guide to all the basics of OS/2 programming and application design. Considers all aspects of program design (from core functions to the user interface), how to design installation routes and how to take advantage of the added functions. Covers workplace shell, printer drivers, overview of development tools and dynamic data exchange as well. Provides the insight and technical detail to develop powerful, flexible and maintainable applications.

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.

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.

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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

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