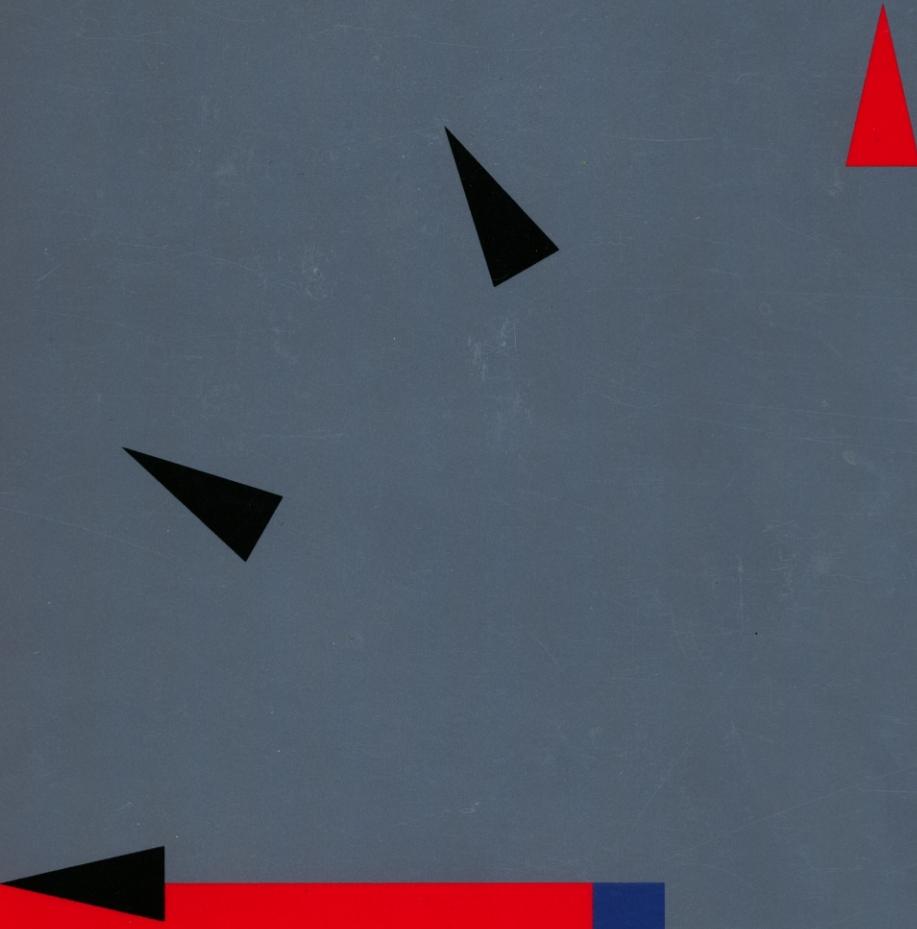


# **SunOS™ 5.1 Writing Device Drivers for x86**

Rev. A Nov 1993



**SunOS**

®



**SunSoft**  
A Sun Microsystems, Inc. Business

# **SunOS™ 5.1 STREAMS Programmer's Guide for x86**

*SunOS*

 **SunSoft**  
A Sun Microsystems, Inc. Business

# Solaris 2.1 Device Driver Writer's Guide for x86

Rev. A NOV 1993

Solaris®

# **SunOS5.1 DDI/DKI Reference Manual for x86**

This manual is intended for programmers who want to learn how to write SunOS applications that run on the x86 architecture. It also provides information for system administrators who want to understand the interface between their applications and the SunOS kernel.

The manual is organized into two parts: the DDI (Device Driver Interface) and the DKI (Device Kernel Interface). Both parts provide detailed descriptions of the interface, including the header files, data structures, and functions used to interact with the kernel.

The DDI part covers topics such as memory management, file I/O, process synchronization, and interrupt handling. The DKI part covers topics such as device drivers, memory management, and interrupt handling.

The manual is intended for programmers who want to learn how to write SunOS applications that run on the x86 architecture. It also provides information for system administrators who want to understand the interface between their applications and the SunOS kernel.

The manual is organized into two parts: the DDI (Device Driver Interface) and the DKI (Device Kernel Interface). Both parts provide detailed descriptions of the interface, including the header files, data structures, and functions used to interact with the kernel.

The DDI part covers topics such as memory management, file I/O, process synchronization, and interrupt handling. The DKI part covers topics such as device drivers, memory management, and interrupt handling.

The manual is intended for programmers who want to learn how to write SunOS applications that run on the x86 architecture. It also provides information for system administrators who want to understand the interface between their applications and the SunOS kernel.

The manual is organized into two parts: the DDI (Device Driver Interface) and the DKI (Device Kernel Interface). Both parts provide detailed descriptions of the interface, including the header files, data structures, and functions used to interact with the kernel.

The DDI part covers topics such as memory management, file I/O, process synchronization, and interrupt handling. The DKI part covers topics such as device drivers, memory management, and interrupt handling.

The manual is intended for programmers who want to learn how to write SunOS applications that run on the x86 architecture. It also provides information for system administrators who want to understand the interface between their applications and the SunOS kernel.

The manual is organized into two parts: the DDI (Device Driver Interface) and the DKI (Device Kernel Interface). Both parts provide detailed descriptions of the interface, including the header files, data structures, and functions used to interact with the kernel.

The DDI part covers topics such as memory management, file I/O, process synchronization, and interrupt handling. The DKI part covers topics such as device drivers, memory management, and interrupt handling.

The manual is intended for programmers who want to learn how to write SunOS applications that run on the x86 architecture. It also provides information for system administrators who want to understand the interface between their applications and the SunOS kernel.

The manual is organized into two parts: the DDI (Device Driver Interface) and the DKI (Device Kernel Interface). Both parts provide detailed descriptions of the interface, including the header files, data structures, and functions used to interact with the kernel.

The DDI part covers topics such as memory management, file I/O, process synchronization, and interrupt handling. The DKI part covers topics such as device drivers, memory management, and interrupt handling.

The manual is intended for programmers who want to learn how to write SunOS applications that run on the x86 architecture. It also provides information for system administrators who want to understand the interface between their applications and the SunOS kernel.

The manual is organized into two parts: the DDI (Device Driver Interface) and the DKI (Device Kernel Interface). Both parts provide detailed descriptions of the interface, including the header files, data structures, and functions used to interact with the kernel.

The DDI part covers topics such as memory management, file I/O, process synchronization, and interrupt handling. The DKI part covers topics such as device drivers, memory management, and interrupt handling.

**2550 Garcia Avenue  
Mountain View, CA 94043  
U.S.A.**

**Pre-release, February 1993**



# **Solaris 2.6 for Intel Platforms Device Driver Writer's Orientation**

**A Solaris x86 Driver Model Overview for UNIX Kernel Programmers**

**January 1998**

**(A summary of some differences between traditional SVR4 and Solaris 2.x)**

# **Solaris 2.1 Guide to Porting SVR4.0 Device Drivers *for x86***

2550 Garcia Avenue  
Mountain View, CA 94043  
U.S.A.

Pre-release, February 1993





Microsystems

Writing Device Drivers  
for Solaris

Student Guide

666 Pages

Part No: WSDD-000-SUP  
March 1994

# Solaris 2.1 Driver Developer's Kit Release Notes for x86

This document contains the Release Notes for the Solaris 2.1 Driver Developer's Kit for the x86 architecture. It describes the new features and changes in the Solaris 2.1 Driver Developer's Kit, and provides information on how to install and use it.

The Solaris 2.1 Driver Developer's Kit is designed to help you develop drivers for the x86 architecture. It includes the Solaris 2.1 kernel source code, the Solaris 2.1 driver development tools, and the Solaris 2.1 driver development documentation.

The Solaris 2.1 Driver Developer's Kit is available for download from the Sun Microsystems website. It is a large download, so it may take some time to complete. Once you have downloaded the kit, you can follow the instructions in the documentation to install it on your system.

The Solaris 2.1 Driver Developer's Kit is a powerful tool for developing drivers for the x86 architecture. It provides everything you need to get started, and it is constantly being updated to reflect the latest changes in the Solaris kernel.

If you have any questions or problems with the Solaris 2.1 Driver Developer's Kit, please refer to the documentation or contact Sun Microsystems support. They will be happy to help you get started with your driver development.

The Solaris 2.1 Driver Developer's Kit is a valuable resource for anyone who wants to develop drivers for the x86 architecture. It is a well-designed and well-documented kit that makes it easy to get started with driver development.

The Solaris 2.1 Driver Developer's Kit is a great way to learn about the Solaris kernel and how to develop drivers for it. It is a valuable addition to any developer's toolkit.

The Solaris 2.1 Driver Developer's Kit is a powerful tool for developing drivers for the x86 architecture. It provides everything you need to get started, and it is constantly being updated to reflect the latest changes in the Solaris kernel.

The Solaris 2.1 Driver Developer's Kit is a valuable resource for anyone who wants to develop drivers for the x86 architecture. It is a well-designed and well-documented kit that makes it easy to get started with driver development.

The Solaris 2.1 Driver Developer's Kit is a great way to learn about the Solaris kernel and how to develop drivers for it. It is a valuable addition to any developer's toolkit.

2550 Garcia Avenue  
Mountain View, CA 94043  
U.S.A.

Part No: 801-5137-10  
Revision A, November 1993





A Sun Microsystems, Inc. Business

**Solaris® 2.1 Driver  
Developer's Kit for x86  
Pre-release 2/93**

© 1993 Sun Microsystems, Inc. All Rights Reserved. Printed in U.S.A. Protected by copyright and licenses restricting use, copying, distribution and decompilation. Sun, Sun Microsystems, the Sun logo, SunSoft, the SunSoft logo, and Solaris are trademarks or registered trademarks of Sun Microsystems, Inc. RESTRICTED RIGHTS LEGEND: Use, duplication, or disclosure by the government is subject to restrictions as set forth in subparagraph (c)(1)(ii) of the Rights in Technical Data and Computer Software clause at DFARS 252.227-7013 and FAR 52.227-19. SunSoft, Inc. 2550 Garcia Avenue, Mountain View, CA 94043 U.S.A.

260-6143-01



**Solaris® 2.1 Driver  
Developer's Kit for x86  
Pre-Release 2/93**

© 1993 Sun Microsystems, Inc. All Rights Reserved. Printed in U.S.A. Protected by copyright and licenses restricting use, copying, distribution and decompilation. Sun, Sun Microsystems, the Sun logo, SunSoft, the SunSoft logo, and Solaris are trademarks or registered trademarks of Sun Microsystems, Inc. RESTRICTED RIGHTS LEGEND: Use, duplication, or disclosure by the government is subject to restrictions as set forth in subparagraph (c)(1)(ii) of the Rights in Technical Data and Computer Software clause at DFARS 252.227-7013 and FAR 52.227-19. SunSoft, Inc. 2550 Garcia Avenue, Mountain View, CA 94043 U.S.A.

CM00782-22



A Sun Microsystems, Inc. Business

**Solaris® 2.1 Driver Developer's Kit  
Early Access for x86**

1

©1993 Sun Microsystems, Inc. All Rights Reserved. Printed in U.S.A. Protected by copyright and licenses restricting use, copying, distribution, and decompilation. Sun, Sun Microsystems, the Sun logo, SunSoft, the SunSoft logo, and Solaris are trademarks or registered trademarks of Sun Microsystems, Inc. RESTRICTED RIGHTS LEGEND: Use, duplication, or disclosure by the government is subject to restrictions as set forth in subparagraph (c)(1)(ii) of the Rights in Technical Data and Computer Software clause at DFARS 252.227-7013 and FAR 52.227-19. SunSoft, Inc. 2550 Garcia Avenue, Mountain View, CA 94043 U.S.A.



**Solaris® 2.1 Driver Developer's Kit  
Early Access for x86**

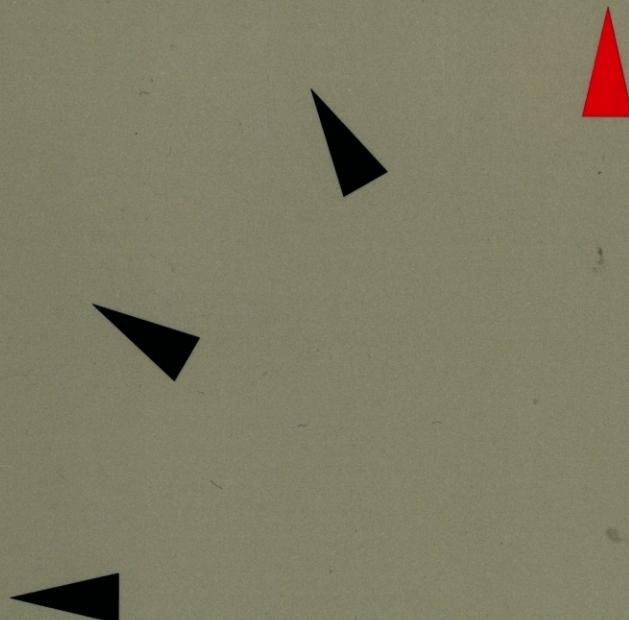
1

©1993 Sun Microsystems, Inc. All Rights Reserved. Printed in U.S.A. Protected by copyright and licenses restricting use, copying, distribution, and decompilation. Sun, Sun Microsystems, the Sun logo, SunSoft, the SunSoft logo, and Solaris are trademarks or registered trademarks of Sun Microsystems, Inc. RESTRICTED RIGHTS LEGEND: Use, duplication, or disclosure by the government is subject to restrictions as set forth in subparagraph (c)(1)(ii) of the Rights in Technical Data and Computer Software clause at DFARS 252.227-7013 and FAR 52.227-19. SunSoft, Inc. 2550 Garcia Avenue, Mountain View, CA 94043 U.S.A.



# Driver Developer Kit Installation Guide

2.4



Solaris

TM



*SunSoft*

A Sun Microsystems, Inc. Business

# Driver Developer Kit Introduction

2.4



SolanoS

TM



**SunSoft**  
A Sun Microsystems, Inc. Business