

# Solaris 64-Bit Developers Guide



This book is written primarily for the application developer, and provides guidance on choosing whether to use the 32-bit or 64-bit Solaris application programming environment. It explains the similarities and differences between the 32-bit and 64-bit application environments and explains how to write code that is portable between the two environments. This book also describes some of the tools provided by the operating system for developing 64-bit applications.

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**When to Use 64-bit - Oracle Solaris 64-bit Developers Guide** This book is written primarily for the application developers, who intend to convert 32-bit applications to 64-bit application and develop 64-bit applications on **Interprocess Communication (Solaris 64-bit Developers Guide)** This book is written primarily for the application developer, and provides guidance on choosing whether to use the 32bit or 64bit Solaris application **Using This Documentation - Oracle Solaris 64-bit Developers Guide** Documentation Home > Solaris 64-bit Developers Guide. Solaris 64-bit Chapter 1 64bit Computing Chapter 3 Comparing 32bit and 64bit Interfaces. **Oracle Solaris 64-bit Developers Guide - Oracle Help Center** /proc. The /proc interfaces are available to both 32-bit and 64-bit applications. 32-bit applications can examine and control the state of other 32-bit applications. **Interoperability Issues - Solaris 64-bit Developers Guide** Solaris 64-bit Developers Guide. Sun Microsystems, Inc. 901 San Antonio Road. Palo Alto, CA 94303-4900. U.S.A.. Part Number 806-047710. February 2000 **Solaris 64-bit Developers Guide - Oracle Help Center** Documentation Home > Solaris 64-bit Developers Guide. Solaris 64-bit Chapter 1 64-bit Computing Chapter 3 Comparing 32-bit and 64-bit Interfaces. **Data Model - Solaris 64-bit Developers Guide - Oracle Help Center** 64bit Libraries. 32-bit applications are required to link with 32-bit libraries, and 64-bit applications are required to link with 64-bit libraries. With the exception of **Compatibility (Solaris 64-bit Developers Guide)** This book is written primarily for the application developer, and provides guidance on choosing whether to use the 32bit or 64bit Solaris application **Major Features - Solaris 64-bit Developers Guide** libkvm and /dev/ksyms. The 64-bit version of the Solaris system is implemented using a 64-bit kernel. Applications that examine or modify the contents of the **AMD64 ABI Features - Oracle Solaris 64-bit Developers Guide** Overview The capabilities of the Oracle Solaris operating environment continue to expand to meet customer needs. Oracle Solaris 11 is a 64-bit only operating **libkvm and /dev/ksyms (Solaris 64-bit Developers Guide)** Build Environment. The build environment includes the system headers,

compilation system, and libraries. These are explained in the sections that follow. **Solaris 64-bit Developers Guide - Oracle Help Center** Chapter 1 64bit Computing. As applications continue to become more functional and more complex, and as data sets grow in size, the address space **Sample Program - Oracle Solaris 64-bit Developers Guide** Compatibility. The following sections discuss the different levels of compatibility between 32bit and 64bit applications. **Oracle Solaris 64-bit Developers Guide - Oracle Help Center** ABI Features: SPARC V9. The SPARC Compliance Definition, Version 2.4, contains details of the SPARC V9 ABI. It describes the 32-bit SPARC V8 ABI and the **Packaging 32-bit and 64-bit Applications - Solaris 64-bit Developers** This book is written primarily for the application developer, and provides guidance on choosing whether to use the 32bit or 64bit Solaris application **Solaris 64-bit Developers Guide - Oracle Help Center** 6.8 libkvm and /dev/ksyms. Oracle Solaris OS is implemented by using a 64-bit kernel and applications that examine or modify the contents of the kernel directly **Chapter 1 64bit Computing (Solaris 64-bit Developers Guide)** Oracle Solaris 64-bit Developers Guide. November 2016. This book is written primarily for the application developers, who intend to convert 32-bit applications **Build Environment (Solaris 64-bit Developers Guide) /proc Interface - Oracle Solaris 64-bit Developers Guide** Solaris 64-bit Developers Guide. Sun Microsystems, Inc. 4150 Network Circle. Santa Clara, CA 95054. U.S.A.. Part No: 816513810. January 2005 **/proc (Solaris 64-bit Developers Guide)** For application developers using Oracle Solaris the major difference between the 64-bit and 32-bit operating environments is the C data type model used. **libkvm and /dev/ksyms - Oracle Solaris 64-bit Developers Guide** Application Binaries. Existing 32-bit applications can run on either 32-bit or 64-bit operating environments. The only exceptions are those applications that use **Tools Support - Solaris 64-bit Developers Guide - Oracle Help Center** /proc Interface. The /proc interfaces are available to both 32-bit and 64-bit applications. 32-bit applications can examine and control the state of other 32-bit **/proc Interface - Solaris 64-bit Developers Guide** This book is written primarily for the application developer, and provides guidance on choosing whether to use the 32bit or 64bit Solaris application **Interprocess Communication**. The following interprocess communication (IPC) primitives continue to work between 64-bit and 32-bit processes: The System V **Debugging 64-bit Applications - Solaris 64-bit Developers Guide** This book is written primarily for the application developer, and provides guidance on choosing whether to use the 32bit or Solaris 64-bit Developers Guide