# Contents

# Preface

The *Solaris 9 8/03 Package List* lists and describes the packages included in the Solaris™ 9 8/03 operating environment. The list includes information about the software groups that contain each package.

# Who Should Use This Book

This book is intended for system administrators responsible for installing the Solaris operating environment.

# Related Books

Table P–1 lists related information that you need when you install the Solaris software.

**TABLE P–1** Related Information

| Information | Description |
| --- | --- |
| *Solaris 9 Installation Guide* | Describes how to install the Solaris 9 8/03 operating environment |
| *Solaris 9 8/03 Release Notes* | Describes any bugs, known problems, software that is being discontinued, and patches that are related to the Solaris release |
| *Solaris 9 Sun Hardware Platform Guide* | Contains information about supported hardware |

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# Solaris 9 8/03 Operating Environment Package List

This chapter lists and describes the packages included in the Solaris 9 8/03 operating environment. The tables indicate in which software groups each package is included.

The package list is divided into the following platform-specific tables.

- Table 1–1
- Table 1–2

**TABLE 1–1** Solaris 9 8/03 (SPARC® Platform Edition) Operating Environment Packages

| Package | Description | Entire+OEM | Entire | Developer | End User | Core |
|---------|-------------|:----------:|:------:|:---------:|:--------:|:----:|
| FJSVcpc | Fujitsu CPU Performance 32-bit user land libraries and utilities | ✓ | ✓ | ✓ | | |
| FJSVcpcx | Fujitsu CPU Performance 64-bit user land libraries and utilities | ✓ | ✓ | ✓ | | |
| FJSVdrd | Fujitsu PRIMEPOWER DR Daemon | ✓ | ✓ | ✓ | ✓ | ✓ |
| FJSVdrdr | Fujitsu PRIMEPOWER DR Daemon init scripts | ✓ | ✓ | ✓ | ✓ | ✓ |
| FJSVgid | Fujitsu Gigabit Interface Adapter | ✓ | ✓ | ✓ | ✓ | ✓ |
| FJSVgidr | Fujitsu Gigabit Interface Adapter /etc files | ✓ | ✓ | ✓ | ✓ | ✓ |
| FJSVgidx | Fujitsu Gigabit Interface Adapter (64-bit) | ✓ | ✓ | ✓ | ✓ | ✓ |
| FJSVhea | Fujitsu SunOS C/C++ header files for general development of software | ✓ | ✓ | ✓ | ✓ | ✓ |
| FJSVmdb | Fujitsu Platform Modular Debugger (MDB) | ✓ | ✓ | ✓ | | |
| FJSVmdbx | Fujitsu Platform Modular Debugger (MDB) (64-bit) | ✓ | ✓ | ✓ | | |
| FJSVpiclu | Fujitsu PICL Daemon, Libraries, prtpicl client and plug-in modules | ✓ | ✓ | ✓ | ✓ | ✓ |

**TABLE 1–1** Solaris 9 8/03 (SPARC® Platform Edition) Operating Environment Packages      *(Continued)*

| Package | Description | Entire+OEM | Entire | Developer | End User | Core |
|---|---|:---:|:---:|:---:|:---:|:---:|
| FJSVulsa | FUJITSU ULTRA LVD SCSI Host Bus Adapter Driver | ✓ | ✓ | ✓ | ✓ | ✓ |
| FJSVulsax | FUJITSU ULTRA LVD SCSI Host Bus Adapter Driver (64-bit) | ✓ | ✓ | ✓ | ✓ | ✓ |
| FJSVvplr | Fujitsu platform links | ✓ | ✓ | ✓ | ✓ | ✓ |
| FJSVvplu | Fujitsu usr/platform links | ✓ | ✓ | ✓ | ✓ | ✓ |
| IPLTadcon | Administration Server Console Client package | ✓ | ✓ | | | |
| IPLTadman | Administration Server Documentation | ✓ | ✓ | | | |
| IPLTadmin | Administration Server | ✓ | ✓ | | | |
| IPLTcons | Console Client Base package | ✓ | ✓ | | | |
| IPLTdscon | Directory Server Console | ✓ | ✓ | | | |
| IPLTdsman | Directory Server Documentation | ✓ | ✓ | | | |
| IPLTdsr | Directory Server | ✓ | ✓ | | | |
| IPLTdsu | Directory Server | ✓ | ✓ | | | |
| IPLTjss | Network Security Services for Java | ✓ | ✓ | | | |
| IPLTnls | Nationalization Languages and Localization Support | ✓ | ✓ | | | |
| IPLTnspr | Netscape Portable Runtime Interface | ✓ | ✓ | | | |
| IPLTnss | Network Security Services | ✓ | ✓ | | | |
| IPLTpldap | PerLDAP | ✓ | ✓ | | | |
| NATEvplr | Nature Tech platform links (root) | ✓ | ✓ | ✓ | ✓ | ✓ |
| NATEvplu | Nature Tech usr/platform links | ✓ | ✓ | ✓ | ✓ | ✓ |
| NSCPcom | This package contains the application and configuration files of Netscape Communicator 4.78 supporting U.S. security. | ✓ | ✓ | ✓ | ✓ | |
| SMEvplr | SME platform links,(Root) | ✓ | ✓ | ✓ | ✓ | ✓ |
| SMEvplu | SME platform links,(usr) | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNW1251f | Russian additional locale fonts (1251) | ✓ | ✓ | ✓ | ✓ | |
| SUNW1394h | Sun IEEE1394 Header Files | ✓ | ✓ | ✓ | | |
| SUNW1394x | IEEE1394 Framework and OpenHCI Driver (64-bit) | ✓ | ✓ | ✓ | ✓ | |

**TABLE 1–1** Solaris 9 8/03 (SPARC® Platform Edition) Operating Environment Packages    *(Continued)*

| Package | Description | Entire+OEM | Entire | Developer | End User | Core |
|---|---|:---:|:---:|:---:|:---:|:---:|
| SUNW5xmft | Traditional Chinese (BIG5) X Windows Platform required Fonts Package | ✓ | ✓ | ✓ | ✓ | |
| SUNWGlib | GLIB - Library of useful routines for C programming | ✓ | ✓ | ✓ | ✓ | |
| SUNWGtkr | GTK - The GIMP Toolkit (Root) | ✓ | ✓ | ✓ | ✓ | |
| SUNWGtku | GTK - The GIMP Toolkit (Usr) | ✓ | ✓ | ✓ | ✓ | |
| SUNWTcl | Tcl - Tool Command Language | ✓ | ✓ | ✓ | ✓ | |
| SUNWTiff | The TIFF Library | ✓ | ✓ | ✓ | ✓ | |
| SUNWTiffx | libtiff - library for reading and writing TIFF (64-bit) | ✓ | ✓ | | | |
| SUNWTk | Tk - TCL GUI Toolkit | ✓ | ✓ | ✓ | ✓ | |
| SUNWaccr | utilities for accounting and reporting of system activity | ✓ | ✓ | | | |
| SUNWaccu | utilities for accounting and reporting of system activity | ✓ | ✓ | | | |
| SUNWaclg | Apache Common Logging | ✓ | ✓ | | | |
| SUNWadmap | Software used to perform system administration tasks | ✓ | ✓ | ✓ | ✓ | |
| SUNWadmc | Core software libraries used for system administration | ✓ | ✓ | ✓ | ✓ | |
| SUNWadmfw | This package contains the system and network administration libraries and services. | ✓ | ✓ | ✓ | ✓ | |
| SUNWadmj | Java libraries used for system administration tools | ✓ | ✓ | ✓ | ✓ | |
| SUNWadmr | Root programs and scripts for initializing system installation. | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWafb | Device driver for the UPA Bus Elite3D graphics accelerator | ✓ | ✓ | ✓ | ✓ | |
| SUNWafbcf | Configuration software for the UPA Bus Elite3D graphics accelerator | ✓ | ✓ | ✓ | ✓ | |
| SUNWafbr | Boot-time device initialization support for the UPA Bus Elite3D graphics accelerator | ✓ | ✓ | ✓ | ✓ | |
| SUNWafbw | X server loadable module for the UPA Bus Elite3D graphics accelerator | ✓ | ✓ | ✓ | ✓ | |
| SUNWafbx | Device driver for the UPA Bus Elite3D graphics accelerator (64-bit) | ✓ | ✓ | ✓ | ✓ | |
| SUNWant | The Jakarta ANT Java/XML-based build tool | ✓ | ✓ | ✓ | | |
| SUNWapchd | The Apache HTTP server (documentation) | ✓ | ✓ | | | |
| SUNWapchr | The Apache HTTP server program (root components) | ✓ | ✓ | | | |

**TABLE 1–1** Solaris 9 8/03 (SPARC® Platform Edition) Operating Environment Packages    *(Continued)*

| Package | Description | Entire+OEM | Entire | Developer | End User | Core |
|---------|-------------|:---:|:---:|:---:|:---:|:---:|
| SUNWapchu | The Apache HTTP server program (usr components) | ✓ | ✓ | | | |
| SUNWapct | Appcert utility for application ABI stability checking | ✓ | ✓ | ✓ | | |
| SUNWarc | system libraries in archive (ar) format for software development of statically linked executables | ✓ | ✓ | ✓ | | |
| SUNWarcx | system libraries in archive (ar) format for software development of statically linked executables | ✓ | ✓ | ✓ | | |
| SUNWarrf | X11 fonts for Arabic character set (required fonts) | ✓ | ✓ | ✓ | ✓ | |
| SUNWasac | Application Server Admin Client | ✓ | ✓ | | | |
| SUNWascmn | Application Server common components | ✓ | ✓ | | | |
| SUNWasdem | Application Server Sample Applications | ✓ | ✓ | | | |
| SUNWasman | Application Server Manual Pages | ✓ | ✓ | | | |
| SUNWasr | Application Server (root) | ✓ | ✓ | | | |
| SUNWast | administrative utilities for improving system security by monitoring or restricting access to system files and directories | ✓ | ✓ | | | |
| SUNWasu | Application Server (usr) | ✓ | ✓ | | | |
| SUNWatfsr | configuration and start-up files for the AutoFS filesystem | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWatfsu | utilities and a daemon (automountd) for the AutoFS filesystem | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWauda | SunOS audio applications | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWaudd | SunOS audio device drivers using the new audio driver architecture | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWauddx | SunOS audio device drivers using the new audio driver architecture (64-bit) | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWaudf | SunOS audio sound files | ✓ | ✓ | ✓ | ✓ | |
| SUNWaudh | SunOS C/C++ header files for audio drivers and applications | ✓ | ✓ | ✓ | | |
| SUNWaudit | Java BSM audit interface / AuditService Implementation | ✓ | ✓ | | | |
| SUNWauditx | Java BSM 64-bit audit interface / AuditService Implementation | ✓ | ✓ | | | |
| SUNWbash | GNU Bourne-Again shell (bash) | ✓ | ✓ | ✓ | ✓ | |
| SUNWbcp | utilities to provide a binary-compatible execution environment for SunOS 4.x applications | ✓ | ✓ | ✓ | ✓ | |

| Package | Description | Entire+OEM | Entire | Developer | End User | Core |
|---|---|---|---|---|---|---|
| SUNWbip | Basic IP commands (/usr/sbin/ping, /bin/ftp) | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWbnur | configuration and start-up files for UUCP utilities | ✓ | ✓ | | | |
| SUNWbnuu | UUCP utilities and daemon | ✓ | ✓ | | | |
| SUNWbsr | Boot Server daemons (Root) | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWbsu | Boot Server daemons (Usr) | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWbtool | software development utilities, including ar, dis, dump, elfdump, lex, lorder, mcs, nm, prof, ranlib, rpcgen, size, strip, tsort, and yacc | ✓ | ✓ | ✓ | | |
| SUNWbtoox | 64-bit libraries for software development utilities, including lex and yacc | ✓ | ✓ | ✓ | | |
| SUNWbzip | The bzip compression utility | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWbzipx | The bzip compression library (64-bit) | ✓ | ✓ | | | |
| SUNWcar | core software for a specific hardware platform group | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWcarx | core 64-bit software for a specific hardware platform group | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWcdrw | utility for writing to CD-R/RW disks | ✓ | ✓ | ✓ | | |
| SUNWcea | Sun GigaSwift Ethernet Adapter Driver 32 bit adb Macros | ✓ | ✓ | ✓ | | |
| SUNWceax | Sun GigaSwift Ethernet Adapter Driver 64 bit adb Macros | ✓ | ✓ | ✓ | | |
| SUNWced | Sun GigaSwift Ethernet Adapter (32-bit Driver) | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWcedu | Sun GigaSwift Ethernet Adapter Headers | ✓ | ✓ | ✓ | | |
| SUNWcedx | Sun GigaSwift Ethernet Adapter (64-bit Driver) | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWcg6 | kernel device driver for the GX frame buffer | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWcg6h | SunOS C/C++ header files for development of software for the GX frame buffer | ✓ | ✓ | ✓ | | |
| SUNWcg6x | kernel device driver (64-bit) for the GX frame buffer | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWciu8 | Simplified Chinese (EUC) iconv modules for UTF-8 | ✓ | ✓ | ✓ | ✓ | |
| SUNWciu8x | Simplified Chinese (EUC) iconv modules for UTF-8 (64-bit) | ✓ | ✓ | ✓ | ✓ | |
| SUNWcpc | Kernel support for CPU Performance Counters | ✓ | ✓ | ✓ | | |
| SUNWcpcu | CPU Performance Counter libraries and utilities | ✓ | ✓ | ✓ | | |
| SUNWcpcux | CPU Performance Counter libraries and utilities (64-bit) | ✓ | ✓ | ✓ | | |

| Package | Description | Entire+OEM | Entire | Developer | End User | Core |
|---------|-------------|:---:|:---:|:---:|:---:|:---:|
| SUNWcpcx | Kernel support for CPU Performance Counters (64-bit) | ✓ | ✓ | ✓ | | |
| SUNWcpp | Solaris cpp | ✓ | ✓ | ✓ | ✓ | |
| SUNWcpr | Suspend, Resume package | ✓ | ✓ | ✓ | ✓ | |
| SUNWcprx | Suspend, Resume package (64-bit) | ✓ | ✓ | ✓ | ✓ | |
| SUNWcsd | core entries for /dev and /devices needed for the initial boot of Solaris | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWcsl | core shared libraries for a specific instruction-set architecture | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWcslx | core 64-bit libraries for a specific instruction-set architecture | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWcsr | core software for a specific instruction-set architecture | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWcstl | Apptrace utility for application tracing, including shared objects | ✓ | ✓ | ✓ | | |
| SUNWcstlx | Apptrace shared objects (64-bit) | ✓ | ✓ | ✓ | | |
| SUNWcsu | core software for a specific instruction-set architecture | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWcsxu | core 64-bit software for a specific instruction-set architecture | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWcti2x | I2C and System Controller and Status Drivers for Netra ct cPCI platform (64-bit) | ✓ | ✓ | ✓ | ✓ | |
| SUNWctlu | Print utilities for CTL locales | ✓ | ✓ | ✓ | ✓ | |
| SUNWctpls | This package contains the layout interface for language engines. | ✓ | ✓ | ✓ | ✓ | |
| SUNWctplx | This package contains the 64 bit layout interface for language engines. | ✓ | ✓ | ✓ | ✓ | |
| SUNWcvc | Network Console | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWcvcr | Network Console daemon and rc script | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWcvcx | Network Console (64-bit) | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWcxmft | Simplified Chinese (EUC) X Windows Platform Required Fonts | ✓ | ✓ | ✓ | ✓ | |
| SUNWdclnt | Solaris Diskless Client Management Application | ✓ | ✓ | ✓ | | |
| SUNWdcsr | Domain Configuration Server, (Root) | ✓ | ✓ | ✓ | ✓ | |
| SUNWdcsu | Domain Configuration Server | ✓ | ✓ | ✓ | ✓ | |
| SUNWdesktop-media-player-share | Desktop Media Player - platform independent files, /usr/share | ✓ | ✓ | | | |

**TABLE 1–1** Solaris 9 8/03 (SPARC® Platform Edition) Operating Environment Packages      *(Continued)*

| Package | Description | Entire+OEM | Entire | Developer | End User | Core |
|---|---|---|---|---|---|---|
| SUNWdesktop-media-player | Desktop Media Player - platform dependent files, /usr filesystem | ✓ | ✓ | | | |
| SUNWdfb | kernel device drivers for dumb frame buffers | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWdfbh | SunOS C/C++ header files for development of software for dumb frame buffers | ✓ | ✓ | ✓ | | |
| SUNWdhcm | Graphical management interface for the DHCP server | ✓ | ✓ | | | |
| SUNWdhcsb | Binary File Format Public module exporting Version 1 of the Service Provider Interface. Used to store DHCP data, this module has much better performance than the ASCII files and nisplus public modules. | ✓ | ✓ | | | |
| SUNWdhcsr | Root filesystem portion of the SunOS BOOTP/DHCP service, which uses the BOOT Protocol and/or Dynamic Host Configuration Protocol to provide network configuration parameters to BOOTP/DHCP clients. Adminstration utilities for the service are included. | ✓ | ✓ | | | |
| SUNWdhcsu | Usr filesystem portion of the SunOS BOOTP/DHCP service, which uses the BOOT Protocol and/or Dynamic Host Configuration Protocol to provide network configuration parameters to BOOTP/DHCP clients. Adminstration utilities for the service are included. | ✓ | ✓ | | | |
| SUNWdial | Streams module for the Dials and Buttons devices | ✓ | ✓ | | | |
| SUNWdialh | Header files for the Dials and Buttons devices | ✓ | ✓ | | | |
| SUNWdialx | Streams module for the Dials and Buttons devices (64-bit) | ✓ | ✓ | | | |
| SUNWdmfex | Sun Davicom 10/100Mb Ethernet Driver (64-bit) | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWdoc | utilities and fonts for development, display, and production of documentation such as manual pages (nroff/troff) | ✓ | ✓ | ✓ | ✓ | |
| SUNWdpl | system libraries compiled with profiling for software development performance measurement | ✓ | ✓ | ✓ | | |
| SUNWdplx | 64-bit system libraries compiled with profiling for software development performance measurement | ✓ | ✓ | ✓ | | |
| SUNWdrcrx | Dynamic Reconfiguration Modules for Sun Fire 15000 (64-bit) | ✓ | ✓ | ✓ | ✓ | |
| SUNWdrr | Fujitsu PRIMEPOWER Dynamic Reconfiguration Modules | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWdrrx | Fujitsu PRIMEPOWER Dynamic Reconfiguration Modules (64-bit) | ✓ | ✓ | ✓ | ✓ | ✓ |

**TABLE 1–1** Solaris 9 8/03 (SPARC® Platform Edition) Operating Environment Packages    *(Continued)*

| Package | Description | Entire+OEM | Entire | Developer | End User | Core |
|---------|-------------|:---:|:---:|:---:|:---:|:---:|
| SUNWdtab | CDE Desktop Application Builder | ✓ | ✓ | ✓ | | |
| SUNWdtbas | CDE application basic runtime environment | ✓ | ✓ | ✓ | ✓ | |
| SUNWdtbax | CDE application basic runtime environment (64-bit) | ✓ | ✓ | ✓ | ✓ | |
| SUNWdtcor | Solaris Desktop /usr/dt filesystem anchor | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWdtct | UTF-8 Code Conversion Tool | ✓ | ✓ | ✓ | ✓ | |
| SUNWdtdem | CDE Demos | ✓ | ✓ | ✓ | | |
| SUNWdtdmn | Daemons for the common desktop environment, CDE | ✓ | ✓ | ✓ | ✓ | |
| SUNWdtdst | CDE Desktop Applications | ✓ | ✓ | ✓ | ✓ | |
| SUNWdtdte | Solaris Desktop Login Environment | ✓ | ✓ | ✓ | ✓ | |
| SUNWdtezt | Address Manager, Process Manager, File Finder, Perfmeter, Workstation Info | ✓ | ✓ | ✓ | ✓ | |
| SUNWdthe | CDE Help Runtime environment | ✓ | ✓ | ✓ | ✓ | |
| SUNWdthed | CDE Help Developer Environment | ✓ | ✓ | ✓ | | |
| SUNWdthev | CDE Help Volumes | ✓ | ✓ | ✓ | ✓ | |
| SUNWdthez | Desktop Power Pack Help Volumes | ✓ | ✓ | ✓ | ✓ | |
| SUNWdticn | Icons for the common desktop environment, CDE | ✓ | ✓ | ✓ | ✓ | |
| SUNWdtim | Solaris CDE Image Viewer | ✓ | ✓ | ✓ | ✓ | |
| SUNWdtinc | CDE Include files | ✓ | ✓ | ✓ | | |
| SUNWdtjxt | Java Extensions | ✓ | ✓ | ✓ | ✓ | |
| SUNWdtlog | System boot for Desktop Login | ✓ | ✓ | ✓ | ✓ | |
| SUNWdtma | Manual pages for the common desktop environment, CDE | ✓ | ✓ | ✓ | | |
| SUNWdtmad | Common Desktop Environment (CDE) Developer manual pages | ✓ | ✓ | ✓ | | |
| SUNWdtmaz | Manual pages for Address Manager, Process Manager, File Finder, Perfmeter, Workstation Info | ✓ | ✓ | ✓ | | |
| SUNWdtnsc | This package contains Netscape Componentization Support for CDE | ✓ | ✓ | ✓ | ✓ | |
| SUNWdtscm | CDE Dtpower Schemes | ✓ | ✓ | ✓ | ✓ | |
| SUNWdtwm | CDE Desktop Window Manager | ✓ | ✓ | ✓ | ✓ | |

| Package | Description | Entire+OEM | Entire | Developer | End User | Core |
|---------|-------------|:----------:|:------:|:---------:|:--------:|:----:|
| SUNWefclx | Embedded FCode Libraries (64-bit) | ✓ | ✓ | ✓ | ✓ | |
| SUNWefcr | Embedded FCode Interpreter | ✓ | ✓ | ✓ | ✓ | |
| SUNWefcux | Embedded FCode Interpreter (64-bit) | ✓ | ✓ | ✓ | ✓ | |
| SUNWefcx | Embedded FCode Interpreter Drivers (64-bit) | ✓ | ✓ | ✓ | ✓ | |
| SUNWeridx | Sun RIO 10/100 Mb Ethernet Drivers (64-bit) | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWesu | additional UNIX system utilities, including awk, bc, cal, compress, diff, dos2unix, last, rup, sort, spell, sum, uniq, and uuencode | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWesxu | additional 64-bit UNIX system utilities | ✓ | ✓ | ✓ | ✓ | |
| SUNWeuodf | American English/UTF-8 Core OPENLOOK Desktop Files | ✓ | ✓ | ✓ | ✓ | |
| SUNWeurf | European codeset fonts | ✓ | ✓ | ✓ | ✓ | |
| SUNWeuxwe | American English/UTF-8 X Window Environment | ✓ | ✓ | ✓ | ✓ | |
| SUNWfac | utilities and resources for a Form and Menu Language Interpreter (FMLI) execution environment | ✓ | ✓ | | | |
| SUNWfbc | Generic frame buffer configuration utility | ✓ | ✓ | ✓ | ✓ | |
| SUNWfcip | Sun FCIP IP/ARP over FibreChannel Device Driver | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWfcipx | Sun FCIP IP/ARP over FibreChannel Device Driver (64-bit) | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWfcp | Sun FCP SCSI Fibre Channel Device Driver | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWfcpx | Sun FCP SCSI Fibre Channel Device Driver (64-bit) | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWfctl | fctl module and fp device driver | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWfctlx | fctl module and fp device driver (64-bit) | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWfdl | Font Downloader for Postscript™ network printers | ✓ | ✓ | ✓ | ✓ | |
| SUNWffb | Device driver for the UPA Bus Creator graphics accelerator | ✓ | ✓ | ✓ | ✓ | |
| SUNWffbcf | Configuration utility for the UPA Bus Creator graphics accelerator | ✓ | ✓ | ✓ | ✓ | |
| SUNWffbw | X server loadable module for the UPA Bus Creator graphics accelerator | ✓ | ✓ | ✓ | ✓ | |
| SUNWffbx | Device driver for the UPA Bus Creator graphics accelerator (64-bit) | ✓ | ✓ | ✓ | ✓ | |
| SUNWfns | Federated Naming Service (XFN) - core libraries and utilities | ✓ | ✓ | ✓ | ✓ | |
| SUNWfnsx5 | Federated Naming Service (XFN) - support for X.500 Directory | ✓ | ✓ | | | |

| Package | Description | Entire+OEM | Entire | Developer | End User | Core |
|---------|-------------|:---:|:---:|:---:|:---:|:---:|
| SUNWfnsx | Federated Naming Service (XFN) - core libraries and utilities (64-bit) | ✓ | ✓ | ✓ | ✓ | |
| SUNWfnx5x | Federated Naming Service (XFN) - support for X.500 Directory (64-bit) | ✓ | ✓ | | | |
| SUNWfreetype2-64 | FreeType 2.1.2 Font library (64-bit) | ✓ | ✓ | ✓ | ✓ | |
| SUNWfreetype2 | FreeType 2.1.2 Font library | ✓ | ✓ | ✓ | ✓ | |
| SUNWfruid | FRU ID prtfru command and libfru library | ✓ | ✓ | ✓ | ✓ | |
| SUNWfruip | FRU ID platform data module and access library | ✓ | ✓ | ✓ | ✓ | |
| SUNWfruix | FRU ID Library (64-bit) | ✓ | ✓ | ✓ | ✓ | |
| SUNWfss | core software for the fair share scheduler | ✓ | ✓ | ✓ | ✓ | |
| SUNWfssx | core software for the fair share scheduler (64-bit) | ✓ | ✓ | ✓ | ✓ | |
| SUNWftdur | Driver Hardening Test Harness | ✓ | ✓ | ✓ | | |
| SUNWftduu | Driver Hardening Test Harness (usr) | ✓ | ✓ | ✓ | | |
| SUNWftdux | Driver Hardening Test Harness (64-bit) | ✓ | ✓ | ✓ | | |
| SUNWftpr | FTP Server Configuration Files | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWftpu | FTP Server and Utilities | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWfwdcd | IEEE 1394 Video Conferencing demo (64-bit) | ✓ | ✓ | ✓ | | |
| SUNWfwdcu | IEEE 1394 Video Conferencing support (64-bit) | ✓ | ✓ | ✓ | ✓ | |
| SUNWfwdcx | IEEE 1394 Video Conferencing Class Driver | ✓ | ✓ | ✓ | ✓ | |
| SUNWgcmn | Common GNU package | ✓ | ✓ | ✓ | ✓ | |
| SUNWged | Sun Gigabit Ethernet Adapter 32Bit Driver | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWgedu | Sun Gigabit Ethernet Adapter Headers | ✓ | ✓ | ✓ | | |
| SUNWgedx | Sun Gigabit Ethernet Adapter 64Bit Driver | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWgfb | Device driver for the UPA Bus Sun XVR-1000 Graphics Accelerator | ✓ | ✓ | ✓ | ✓ | |
| SUNWgfbcf | Configuration utility for the UPA Bus Sun XVR-1000 Graphics Accelerator | ✓ | ✓ | ✓ | ✓ | |
| SUNWgfbr | Boot-time device initialization support for the UPA Bus Sun XVR-1000 Graphics Accelerator | ✓ | ✓ | ✓ | ✓ | |

**TABLE 1–1** Solaris 9 8/03 (SPARC® Platform Edition) Operating Environment Packages    *(Continued)*

| Package | Description | Entire+OEM | Entire | Developer | End User | Core |
|---|---|:-:|:-:|:-:|:-:|:-:|
| SUNWgfbw | X server loadable module for the UPA Bus Sun XVR-1000 Graphics Accelerator | ✓ | ✓ | ✓ | ✓ | |
| SUNWgfbx | Device driver for the UPA Bus Sun XVR-1000 Graphics Accelerator (64-bit) | ✓ | ✓ | ✓ | ✓ | |
| SUNWggrp | ggrep - GNU grep utilities | ✓ | ✓ | ✓ | ✓ | |
| SUNWglmr | rasctrl environment monitoring driver for i2c, (Root) (32-bit) | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWglmx | rasctrl environment monitoring driver for i2c, (Root) (64-bit) | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWglt | Layout Table Generation Utility | ✓ | ✓ | ✓ | | |
| SUNWgnome-a11y-libs-devel-share | GNOME | ✓ | ✓ | | | |
| SUNWgnome-a11y-libs-devel | GNOME | ✓ | ✓ | | | |
| SUNWgnome-a11y-libs-share | GNOME accessibility framework - platform independent files, /usr/share | ✓ | ✓ | | | |
| SUNWgnome-a11y-libs | GNOME accessibility framework - platform dependent files, /usr filesystem | ✓ | ✓ | | | |
| SUNWgnome-audio-devel-share | GNOME audio support framework - developer files - platform independent, /usr/share | ✓ | ✓ | | | |
| SUNWgnome-audio-devel | GNOME audio support framework - developer files | ✓ | ✓ | | | |
| SUNWgnome-audio-root | GNOME audio support framework - platform dependent files, / filesystem | ✓ | ✓ | | | |
| SUNWgnome-audio-share | GNOME audio support framework - platform independent files, /usr/share | ✓ | ✓ | | | |
| SUNWgnome-audio | GNOME audio support framework - platform dependent files, /usr filesystem | ✓ | ✓ | | | |
| SUNWgnome-base-libs-64-root | GNOME base GUI libraries (64-bit) - platform dependent files, / filesystem | ✓ | ✓ | | | |
| SUNWgnome-base-libs-64 | GNOME base GUI libraries (64-bit) - platform dependent files, /usr filesystem | ✓ | ✓ | | | |
| SUNWgnome-base-libs-devel-share | GNOME base GUI libraries - developer files - platform independent, /usr/share | ✓ | ✓ | | | |

**TABLE 1–1** Solaris 9 8/03 (SPARC® Platform Edition) Operating Environment Packages  *(Continued)*

| Package | Description | Entire+OEM | Entire | Developer | End User | Core |
|---------|-------------|:----------:|:------:|:---------:|:--------:|:----:|
| SUNWgnome-base-libs-devel | GNOME base GUI libraries - developer files | ✓ | ✓ | | | |
| SUNWgnome-base-libs-root | GNOME base GUI libraries - platform dependent files, / filesystem | ✓ | ✓ | | | |
| SUNWgnome-base-libs-share | GNOME base GUI libraries - platform independent files, /usr/share | ✓ | ✓ | | | |
| SUNWgnome-base-libs | GNOME base GUI libraries - platform dependent files, /usr filesystem | ✓ | ✓ | | | |
| SUNWgnome-calculator-share | GNOME calculator utility - platform independent files, /usr/share | ✓ | ✓ | | | |
| SUNWgnome-calculator | GNOME calculator utility - platform dependent files, /usr filesystem | ✓ | ✓ | | | |
| SUNWgnome-cd-root | GNOME CD player utility - platform dependent files, / filesystem | ✓ | ✓ | | | |
| SUNWgnome-cd-share | GNOME CD player utility - platform independent files, /usr/share | ✓ | ✓ | | | |
| SUNWgnome-cd | GNOME CD player utility - platform dependent files, /usr filesystem | ✓ | ✓ | | | |
| SUNWgnome-character-map-share | GNOME character map utility - platform independent files, /usr/share | ✓ | ✓ | | | |
| SUNWgnome-character-map | GNOME character map utility - platform dependent files, /usr filesystem | ✓ | ✓ | | | |
| SUNWgnome-common-devel-share | GNOME common development tools and libraries - developer files | ✓ | ✓ | | | |
| SUNWgnome-common-devel | GNOME common development tools and libraries - developer files | ✓ | ✓ | | | |
| SUNWgnome-component-devel-share | GNOME CORBA ORB and component framework - developer files - platform independent, /usr/share | ✓ | ✓ | | | |
| SUNWgnome-component-devel | GNOME CORBA ORB and component framework - developer files | ✓ | ✓ | | | |
| SUNWgnome-component-root | GNOME CORBA ORB and component framework - platform dependent files, / filesystem | ✓ | ✓ | | | |

| Package | Description | Entire+OEM | Entire | Developer | End User | Core |
|---------|-------------|:---:|:---:|:---:|:---:|:---:|
| SUNWgnome-component-share | GNOME CORBA ORB and component framework - platform independent files, /usr/share | ✓ | ✓ | | | |
| SUNWgnome-component | GNOME CORBA ORB and component framework - platform dependent files, / filesystem | ✓ | ✓ | | | |
| SUNWgnome-config-devel-share | GNOME configuration framework - developer files - platform independent, /usr/share | ✓ | ✓ | | | |
| SUNWgnome-config-devel | GNOME configuration framework - developer files | ✓ | ✓ | | | |
| SUNWgnome-config-root | GNOME configuration framework - platform dependent files, / filesystem | ✓ | ✓ | | | |
| SUNWgnome-config-share | GNOME configuration framework - platform independent files, /usr/share | ✓ | ✓ | | | |
| SUNWgnome-config | GNOME configuration framework - platform dependent files, /usr filesystem | ✓ | ✓ | | | |
| SUNWgnome-desktop-prefs-root | GNOME desktop wide preference configuration tools - platform dependent files, / filesystem | ✓ | ✓ | | | |
| SUNWgnome-desktop-prefs-share | GNOME desktop wide preference configuration tools - platform independent files, /usr/share | ✓ | ✓ | | | |
| SUNWgnome-desktop-prefs | GNOME desktop wide preference configuration tools - platform dependent files, /usr filesystem | ✓ | ✓ | | | |
| SUNWgnome-dtlogin-integration | dtlogin configuration files for the GNOME desktop - platform dependent files, /usr filesystem | ✓ | ✓ | | | |
| SUNWgnome-file-mgr-root | GNOME file manager and support libraries - platform dependent files, / filesystem | ✓ | ✓ | | | |
| SUNWgnome-file-mgr-share | GNOME file manager and support libraries - platform independent files, /usr/share | ✓ | ✓ | | | |
| SUNWgnome-file-mgr | GNOME file manager and support libraries - platform dependent files, /usr filesystem | ✓ | ✓ | | | |
| SUNWgnome-freedb-libs-root | GNOME free CD database access library - platform dependent files, / filesystem | ✓ | ✓ | | | |
| SUNWgnome-freedb-libs-share | GNOME free CD database access library - platform independent files, /usr/share | ✓ | ✓ | | | |
| SUNWgnome-freedb-libs | GNOME free CD database access library - platform dependent files, /usr filesystem | ✓ | ✓ | | | |

**TABLE 1–1** Solaris 9 8/03 (SPARC® Platform Edition) Operating Environment Packages  *(Continued)*

| Package | Description | Entire+OEM | Entire | Developer | End User | Core |
|---|---|:---:|:---:|:---:|:---:|:---:|
| SUNWgnome-fun-applets-root | GNOME panel applets - amusements - platform dependent files, / filesystem | ✓ | ✓ | | | |
| SUNWgnome-fun-applets-share | GNOME panel applets - amusements - platform independent files, /usr/share | ✓ | ✓ | | | |
| SUNWgnome-fun-applets | GNOME panel applets - amusements - platform dependent files, /usr filesystem | ✓ | ✓ | | | |
| SUNWgnome-games-root | GNOME games - platform dependent files, / filesystem | ✓ | ✓ | | | |
| SUNWgnome-games-share | GNOME games - platform independent files, /usr/share | ✓ | ✓ | | | |
| SUNWgnome-games | GNOME games | ✓ | ✓ | | | |
| SUNWgnome-help-db | GNOME help data base - /var filesystem | ✓ | ✓ | | | |
| SUNWgnome-help-viewer-share | GNOME help system - platform independent files, /usr/share | ✓ | ✓ | | | |
| SUNWgnome-help-viewer | GNOME help system - platform dependent files, /usr filesystem | ✓ | ✓ | | | |
| SUNWgnome-hex-editor-root | GNOME hex editor - platform dependent files, / filesystem | ✓ | ✓ | | | |
| SUNWgnome-hex-editor-share | GNOME hex editor - platform dependent files, /usr filesystem | ✓ | ✓ | | | |
| SUNWgnome-hex-editor | GNOME hex editor - platform dependent files, /usr filesystem | ✓ | ✓ | | | |
| SUNWgnome-image-viewer-root | GNOME image viewer - platform dependent files, / filesystem | ✓ | ✓ | | | |
| SUNWgnome-image-viewer-share | GNOME image viewer - platform independent files, /usr/share | ✓ | ✓ | | | |
| SUNWgnome-image-viewer | GNOME image viewer - platform dependent files, /usr filesystem | ✓ | ✓ | | | |
| SUNWgnome-intranet-applets-root | GNOME panel applets - intranet | ✓ | ✓ | | | |

**TABLE 1–1** Solaris 9 8/03 (SPARC® Platform Edition) Operating Environment Packages    *(Continued)*

| Package | Description | Entire+OEM | Entire | Developer | End User | Core |
|---|---|---|---|---|---|---|
| SUNWgnome-intranet-applets-share | GNOME panel applets - intranet - platform independent files, /usr/share | ✓ | ✓ | | | |
| SUNWgnome-libs-devel-share | GNOME libraries - developer files - platform independent, /usr/share | ✓ | ✓ | | | |
| SUNWgnome-libs-devel | GNOME libraries - developer files | ✓ | ✓ | | | |
| SUNWgnome-libs-root | GNOME libraries - platform dependent files, / filesystem | ✓ | ✓ | | | |
| SUNWgnome-libs-share | GNOME libraries - platform independent files, /usr/share | ✓ | ✓ | | | |
| SUNWgnome-libs | GNOME libraries - platform dependent files, /usr filesystem | ✓ | ✓ | | | |
| SUNWgnome-mm-applets-root | GNOME panel applets - multimedia - platform dependent files, / filesystem | ✓ | ✓ | | | |
| SUNWgnome-mm-applets-share | GNOME panel applets - multimedia - platform independent files, /usr/share | ✓ | ✓ | | | |
| SUNWgnome-mm-applets | GNOME panel applets - multimedia - platform dependent files, /usr filesystem | ✓ | ✓ | | | |
| SUNWgnome-panel-devel-share | GNOME panel and support libraries - developer files - platform independent, /usr/share | ✓ | ✓ | | | |
| SUNWgnome-panel-devel | GNOME panel and support libraries - developer files | ✓ | ✓ | | | |
| SUNWgnome-panel-root | GNOME panel and support libraries - platform dependent files, / filesystem | ✓ | ✓ | | | |
| SUNWgnome-panel-share | GNOME panel and support libraries - platform independent files, /usr/share | ✓ | ✓ | | | |
| SUNWgnome-panel | GNOME panel and support libraries - platform dependent files, /usr filesystem | ✓ | ✓ | | | |
| SUNWgnome-perf-meter-root | GNOME performance meter - platform dependent files, / filesystem | ✓ | ✓ | | | |
| SUNWgnome-perf-meter-share | GNOME performance meter - platform independent files, /usr/share | ✓ | ✓ | | | |
| SUNWgnome-perf-meter | GNOME performance meter - platform dependent files, /usr filesystem | ✓ | ✓ | | | |

**TABLE 1–1** Solaris 9 8/03 (SPARC® Platform Edition) Operating Environment Packages    *(Continued)*

| Package | Description | Entire+OEM | Entire | Developer | End User | Core |
|---------|-------------|:---:|:---:|:---:|:---:|:---:|
| SUNWgnome-print-devel | GNOME printing technology - developer files | ✓ | ✓ | | | |
| SUNWgnome-print-root | GNOME printing technology - platform dependent files, / filesystem | ✓ | ✓ | | | |
| SUNWgnome-print-share | GNOME printing technology - platform independent files, /usr/share | ✓ | ✓ | | | |
| SUNWgnome-print | GNOME printing technology - platform dependent files, /usr filesystem | ✓ | ✓ | | | |
| SUNWgnome-ps-viewer-root | GNOME post script viewer - platform dependent files, / filesystem | ✓ | ✓ | | | |
| SUNWgnome-ps-viewer-share | GNOME post script viewer - platform independent files, /usr/share | ✓ | ✓ | | | |
| SUNWgnome-ps-viewer | GNOME postscript viewer - platform dependent files, /usr filesystem | ✓ | ✓ | | | |
| SUNWgnome-removable-media-share | GNOME removable media support - platform independent files, /usr/share | ✓ | ✓ | | | |
| SUNWgnome-removable-media | GNOME removable media support - platform dependent files, /usr filesystem | ✓ | ✓ | | | |
| SUNWgnome-search-tool-share | GNOME file search tool - platform independent files, /usr/share | ✓ | ✓ | | | |
| SUNWgnome-search-tool | GNOME file search tool - platform dependent files, /usr filesystem | ✓ | ✓ | | | |
| SUNWgnome-session-root | GNOME session manager - platform dependent files, / filesystem | ✓ | ✓ | | | |
| SUNWgnome-session-share | GNOME session manager - platform independent files, /usr/share | ✓ | ✓ | | | |
| SUNWgnome-session | GNOME session manager - platform dependent files, /usr filesystem | ✓ | ✓ | | | |
| SUNWgnome-sound-recorder-root | GNOME sound recording utilities - platform dependent files, / filesystem | ✓ | ✓ | | | |
| SUNWgnome-sound-recorder-share | GNOME sound recording utilities - platform independent files, /usr/share | ✓ | ✓ | | | |

| Package | Description | Entire+OEM | Entire | Developer | End User | Core |
|---|---|---|---|---|---|---|
| SUNWgnome-sound-recorder | GNOME sound recording utilities - platform dependent files, /usr filesystem | ✓ | ✓ | | | |
| SUNWgnome-terminal-root | GNOME terminal emulator - platform dependent files, / filesystem | ✓ | ✓ | | | |
| SUNWgnome-terminal-share | GNOME terminal emulator - platform independent files, /usr/share | ✓ | ✓ | | | |
| SUNWgnome-terminal | GNOME terminal emulator - platform dependent files, /usr filesystem | ✓ | ✓ | | | |
| SUNWgnome-text-editor-root | GNOME text editor - platform dependent files, / filesystem | ✓ | ✓ | | | |
| SUNWgnome-text-editor-share | GNOME text editor - platform independent files, /usr/share | ✓ | ✓ | | | |
| SUNWgnome-text-editor | GNOME text editor - platform dependent files, /usr filesystem | ✓ | ✓ | | | |
| SUNWgnome-themes-share | GNOME themes and support libraries - platform independent files, /usr/share | ✓ | ✓ | | | |
| SUNWgnome-themes | GNOME themes and support libraries - platform dependent files, /usr filesystem | ✓ | ✓ | | | |
| SUNWgnome-ui-designer-share | GNOME GUI wysiwyg designer - platform independent files, /usr/share | ✓ | ✓ | | | |
| SUNWgnome-ui-designer | GNOME GUI wysiwyg designer - platform dependent files, /usr filesystem | ✓ | ✓ | | | |
| SUNWgnome-user-docs | GNOME user documentation - platform independent files, /usr/share | ✓ | ✓ | | | |
| SUNWgnome-utility-applets-root | GNOME panel applets - utility - root files | ✓ | ✓ | | | |
| SUNWgnome-utility-applets-share | GNOME panel applets - utility - platform independent files, /usr/share | ✓ | ✓ | | | |
| SUNWgnome-utility-applets | GNOME panel applets - utility - platform dependent files, /usr filesystem | ✓ | ✓ | | | |
| SUNWgnome-vfs-devel-share | GNOME Virtual File System Framework and application/MIME type registry - developer files - platform independent, /usr/share | ✓ | ✓ | | | |
| SUNWgnome-vfs-devel | GNOME Virtual File System Framework and application/MIME type registry - developer files | ✓ | ✓ | | | |

**TABLE 1–1** Solaris 9 8/03 (SPARC® Platform Edition) Operating Environment Packages    *(Continued)*

| Package | Description | Entire+OEM | Entire | Developer | End User | Core |
|---|---|:-:|:-:|:-:|:-:|:-:|
| SUNWgnome-vfs-root | GNOME Virtual File System Framework and application/MIME type registry - platform dependent files, / filesystem | ✓ | ✓ | | | |
| SUNWgnome-vfs-share | GNOME Virtual File System Framework and application/MIME type registry - platform independent files, /usr/share | ✓ | ✓ | | | |
| SUNWgnome-vfs | GNOME Virtual File System Framework and application/MIME type registry - platform dependent files, /usr filesystem | ✓ | ✓ | | | |
| SUNWgnome-wm-root | GNOME window manager - platform dependent files, / filesystem | ✓ | ✓ | | | |
| SUNWgnome-wm-share | GNOME window manager - platform independent files, /usr/share | ✓ | ✓ | | | |
| SUNWgnome-wm | GNOME window manager - platform dependent files, /usr filesystem | ✓ | ✓ | | | |
| SUNWgnome-xml-root | GNOME XML catalogs - platform dependent files, / filesystem | ✓ | ✓ | | | |
| SUNWgnome-xml-share | GNOME XML stylesheets - platform independent files, /usr/share | ✓ | ✓ | | | |
| SUNWgpch | The GNU Patch utility | ✓ | ✓ | | | |
| SUNWgscr | GNU Ghostscript | ✓ | ✓ | ✓ | ✓ | |
| SUNWgsdhx | GSS-API 64-bit mechanism libraries for NIS+ extended Diffie-Hellman | ✓ | ✓ | ✓ | ✓ | |
| SUNWgsfot | GNU Ghostscript Fonts (Other) | ✓ | ✓ | ✓ | ✓ | |
| SUNWgsfst | GNU Ghostscript Fonts (Standard) | ✓ | ✓ | ✓ | ✓ | |
| SUNWgss | Generic Security Service Application Program Interface, Version 2 - user | ✓ | ✓ | ✓ | ✓ | |
| SUNWgssc | Generic Security Service Application Program Interface, Version 2 - config | ✓ | ✓ | ✓ | ✓ | |
| SUNWgssdh | GSS-API mechanism libraries for NIS+ extended Diffie-Hellman | ✓ | ✓ | ✓ | ✓ | |
| SUNWgssk | Generic Security Service Application Program Interface, Version 2 - kernel | ✓ | ✓ | ✓ | ✓ | |
| SUNWgsskx | Generic Security Service Application Program Interface, Version 2 - kernel (64-bit) | ✓ | ✓ | ✓ | ✓ | |

| Package | Description | Entire+OEM | Entire | Developer | End User | Core |
|---------|-------------|:----------:|:------:|:---------:|:--------:|:----:|
| SUNWgssx | Generic Security Service Application Program Interface, Version 2 - user (64-bit) | ✓ | ✓ | ✓ | ✓ | |
| SUNWgtar | GNU tar - A utility used to store, backup, and transport files (gtar) | ✓ | ✓ | ✓ | ✓ | |
| SUNWgzip | The GNU Zip (gzip) compression utility | ✓ | ✓ | ✓ | ✓ | |
| SUNWhea | SunOS C/C++ header files for general development of software | ✓ | ✓ | ✓ | | |
| SUNWhiu8 | Traditional Chinese iconv modules for UTF-8 | ✓ | ✓ | ✓ | ✓ | |
| SUNWhiu8x | Traditional Chinese (EUC) iconv modules for UTF-8 (64-bit) | ✓ | ✓ | ✓ | ✓ | |
| SUNWhmd | SunSwift Adapter Drivers | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWhmdu | SunSwift Adapter Headers | ✓ | ✓ | ✓ | ✓ | |
| SUNWhmdx | SunSwift Adapter Drivers (64-bit) | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWi13rf | X11 fonts for ISO-8859-13 character set (required fonts) | ✓ | ✓ | ✓ | ✓ | |
| SUNWi15rf | X11 fonts for ISO-8859-15 character set (required fonts) | ✓ | ✓ | ✓ | ✓ | |
| SUNWi1of | ISO-8859-1 (Latin-1) Optional Fonts | ✓ | ✓ | ✓ | ✓ | |
| SUNWi2cr | Device drivers for I2C devices, (Root, 32-bit) | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWi2cx | Device drivers for I2C devices, (Root, 64-bit) | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWi2rf | X11 fonts for ISO-8859-2 character set (required fonts) | ✓ | ✓ | ✓ | ✓ | |
| SUNWi4rf | X11 fonts for ISO-8859-4 character set (required fonts) | ✓ | ✓ | ✓ | ✓ | |
| SUNWi5rf | X11 fonts for ISO-8859-5 character set (required fonts) | ✓ | ✓ | ✓ | ✓ | |
| SUNWi7rf | X11 fonts for ISO-8859-7 character set (required fonts) | ✓ | ✓ | ✓ | ✓ | |
| SUNWi8rf | X11 fonts for iso8859-8 character set (required fonts) | ✓ | ✓ | ✓ | ✓ | |
| SUNWi9rf | X11 fonts for ISO-8859-9 character set (required fonts) | ✓ | ✓ | ✓ | ✓ | |
| SUNWicu | International Components for Unicode User Files | ✓ | ✓ | ✓ | ✓ | |
| SUNWicud | International Components for Unicode Developer Files | ✓ | ✓ | ✓ | | |
| SUNWicux | International Components for Unicode User Files (64-bit) | ✓ | ✓ | ✓ | ✓ | |
| SUNWidecr | IDE device drivers updated for UltraAX | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWidecx | IDE device drivers - 64bit, updated for UltraAX | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWider | IDE Device Driver, (Root) | ✓ | ✓ | ✓ | ✓ | ✓ |

**TABLE 1–1** Solaris 9 8/03 (SPARC® Platform Edition) Operating Environment Packages    *(Continued)*

| Package | Description | Entire+OEM | Entire | Developer | End User | Core |
|---------|-------------|:----------:|:------:|:---------:|:--------:|:----:|
| SUNWidn | Inter-Domain Network Modules for Sun Enterprise 10000 | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWidnx | Inter-Domain Network Modules for Sun Enterprise 10000 (64-bit) | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWifb | Device driver for the PCI Bus Sun Expert3D (IFB) graphics accelerator | ✓ | ✓ | ✓ | ✓ | |
| SUNWifbcf | Configuration utility for the PCI Bus Sun Expert3D (IFB) graphics accelerator | ✓ | ✓ | ✓ | ✓ | |
| SUNWifbr | Boot-time device initialization support for the PCI Bus Sun Expert3D (IFB) graphics accelerator | ✓ | ✓ | ✓ | ✓ | |
| SUNWifbw | X server loadable module for the PCI Bus Sun Expert3D (IFB) graphics accelerator | ✓ | ✓ | ✓ | ✓ | |
| SUNWifbx | Device driver for the PCI Bus Sun Expert3D (IFB) graphics accelerator (64-bit) | ✓ | ✓ | ✓ | ✓ | |
| SUNWifp | Sun FC-AL Device Driver For QLogic Fibre Channel Family | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWifph | SunOS Header Files For QLogic FC-AL Family | ✓ | ✓ | ✓ | | |
| SUNWifpx | Sun FC-AL Device Driver For QLogic Fibre Channel Family (64-bit) | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWigsr | Kernel device driver (32-bit) for the IGS graphics card | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWigsu | OpenWindow DDX Driver for the IGS graphics card | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWigsuc | OpenWindow DDX igsconfig for the IGS graphics card | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWigsud | OpenWindow DDX headers and man pages for the IGS graphics card | ✓ | ✓ | ✓ | | |
| SUNWigsx | Kernel 64-bit device driver for the IGS graphics card | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWinamd | Internet Domain Name Server | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWiniu8 | Indic UTF-8 iconv modules for UTF-8 | ✓ | ✓ | ✓ | ✓ | |
| SUNWiniu8x | Indic UTF-8 iconv modules for UTF-8 (64-bit) | ✓ | ✓ | ✓ | ✓ | |
| SUNWinst | Sun installation software | ✓ | ✓ | ✓ | ✓ | |
| SUNWipc | utilities to monitor or remove messages, semaphores, or shared memory for interprocess communication | ✓ | ✓ | ✓ | ✓ | |
| SUNWiqdoc | Sun ONE Message Queue Javadoc and Examples | ✓ | ✓ | | | |
| SUNWiqfs | Sun ONE Message Queue JNDI FS Provider | ✓ | ✓ | | | |

**TABLE 1–1** Solaris 9 8/03 (SPARC® Platform Edition) Operating Environment Packages    *(Continued)*

| Package | Description | Entire+OEM | Entire | Developer | End User | Core |
|---------|-------------|:---:|:---:|:---:|:---:|:---:|
| SUNWiqjx | Sun ONE Message Queue JAXM Client Runtime Package | ✓ | ✓ | | | |
| SUNWiqr | Sun ONE Message Queue Root Package | ✓ | ✓ | | | |
| SUNWiqu | Sun ONE Message Queue /usr Package | ✓ | ✓ | | | |
| SUNWiquc | Sun ONE Message Queue Client Runtime Package | ✓ | ✓ | | | |
| SUNWiqum | Sun ONE Message Queue JMS/SOAP Msg Transformer Runtime | ✓ | ✓ | | | |
| SUNWiscr | Sun Internal Smart Card Reader I OCF Card Terminal Driver | ✓ | ✓ | ✓ | ✓ | |
| SUNWiscrx | Sun Internal Smart Card Reader I OCF Card Terminal Driver (64-bit) | ✓ | ✓ | ✓ | ✓ | |
| SUNWislcc | XSH4 conversion for Eastern European locales | ✓ | ✓ | ✓ | ✓ | |
| SUNWislcx | 64-bit iconv conversion for Eastern European locales | ✓ | ✓ | ✓ | ✓ | |
| SUNWisolc | XSH4 conversion for ISO Latin character sets | ✓ | ✓ | ✓ | ✓ | |
| SUNWisolx | 64-bit iconv conversion for ISO Latin character sets | ✓ | ✓ | ✓ | ✓ | |
| SUNWj2dem | Demonstration applications and applets | ✓ | ✓ | ✓ | | |
| SUNWj2man | man pages | ✓ | ✓ | ✓ | | |
| SUNWj2pi | This package contains configuration files for Java Plug-in 1.2.2 | ✓ | ✓ | ✓ | ✓ | |
| SUNWj2rt | Java virtual machine and core class libraries | ✓ | ✓ | ✓ | | |
| SUNWj3dev | Tools and utilities including javac, jdb, javadoc, rmiregistry | ✓ | ✓ | ✓ | | |
| SUNWj3dmo | Demonstration applications and applets | ✓ | ✓ | ✓ | | |
| SUNWj3dvx | Tools and utilities including javac, jdb, javadoc, rmiregistry (64 bit) | ✓ | ✓ | ✓ | | |
| SUNWj3irt | JDK 1.4 I18N run time environment | ✓ | ✓ | ✓ | ✓ | |
| SUNWj3man | man pages | ✓ | ✓ | ✓ | | |
| SUNWj3rt | Java virtual machine and core class libraries | ✓ | ✓ | ✓ | ✓ | |
| SUNWj3rtx | Java virtual machine and core class libraries (64 bit) | ✓ | ✓ | ✓ | | |
| SUNWjaf | Java Activation Framework | ✓ | ✓ | | | |
| SUNWjaxp | Java API for XML Parsing 1.2 | ✓ | ✓ | | | |
| SUNWjcom | Java Communications API for Smart Card support - Java and Native Code | ✓ | ✓ | ✓ | ✓ | |

| Package | Description | Entire+OEM | Entire | Developer | End User | Core |
|---------|-------------|:----------:|:------:|:---------:|:--------:|:----:|
| SUNWjcomx | Java Communications API for Smart Card support - Native Code (64-bit) | ✓ | ✓ | ✓ | ✓ | |
| SUNWjfbcf | Configuration software for the PCI Bus Sun XVR-1200 graphics accelerator (64-bit) | ✓ | ✓ | ✓ | ✓ | |
| SUNWjfbmn | Manual pages for the PCI Bus Sun XVR-1200 graphics accelerator | ✓ | ✓ | ✓ | | |
| SUNWjfbr | Boot-time device initialization support for the PCI Bus Sun XVR-1200 graphics accelerator (64-bit) | ✓ | ✓ | ✓ | ✓ | |
| SUNWjfbw | X server loadable module for the PCI Bus Sun XVR-1200 graphics accelerator (64-bit) | ✓ | ✓ | ✓ | ✓ | |
| SUNWjfbx | Device driver for the PCI Bus Sun XVR-1200 graphics accelerator (64-bit) | ✓ | ✓ | ✓ | ✓ | |
| SUNWjhdem | JavaHelp graphical help demos | ✓ | ✓ | ✓ | | |
| SUNWjhdev | JavaHelp graphical help developers toolkit" | ✓ | ✓ | ✓ | | |
| SUNWjhdoc | JavaHelp graphical help documentation | ✓ | ✓ | ✓ | | |
| SUNWjhrt | JavaHelp graphical help runtime | ✓ | ✓ | ✓ | | |
| SUNWjib | Dallas Semiconductor serial iButton OCF Card Terminal Driver | ✓ | ✓ | ✓ | ✓ | |
| SUNWjiu8 | Japanese iconv modules for conversion between UTF-8 and other Japanese codesets | ✓ | ✓ | ✓ | ✓ | |
| SUNWjiu8x | A pre-defined minimal software configuration consisting of the minimum required software for a standalone, non-networked workstation. | ✓ | ✓ | ✓ | ✓ | |
| SUNWjmail | Java Mail Runtime | ✓ | ✓ | | | |
| SUNWjmfp | JMF player | ✓ | ✓ | ✓ | ✓ | |
| SUNWjpg | The Independent JPEG Groups JPEG software | ✓ | ✓ | ✓ | ✓ | |
| SUNWjpgx | jpeg - The Independent JPEG Groups JPEG software (64-bit) | ✓ | ✓ | | | |
| SUNWjsnmp | Solaris Java SNMP API | ✓ | ✓ | ✓ | ✓ | |
| SUNWjxmft | Japanese {Sun,HG,RICOH} Gothic Medium Bitmap Fonts | ✓ | ✓ | ✓ | ✓ | |
| SUNWkcslx | Kodak Color Management System Runtime Library for 64 bit OS | ✓ | ✓ | ✓ | | |
| SUNWkcspf | Kodak Color Management System Runtime | ✓ | ✓ | ✓ | | |
| SUNWkcspg | Kodak Color Management System Runtime Demos | ✓ | ✓ | ✓ | | |

| Package | Description | Entire+OEM | Entire | Developer | End User | Core |
|---|---|:---:|:---:|:---:|:---:|:---:|
| SUNWkcspx | Kodak Color Management System Runtime Demos for 64 bit | ✓ | ✓ | ✓ | | |
| SUNWkcsrl | Kodak Color Management System Runtime Library Support | ✓ | ✓ | ✓ | | |
| SUNWkcsrr | Kodak Color Management System Runtime Profiles | ✓ | ✓ | ✓ | | |
| SUNWkcsrt | Kodak Color Management System Runtime | ✓ | ✓ | ✓ | | |
| SUNWkcsrx | Kodak Color Management System Runtime for 64 bit OS | ✓ | ✓ | ✓ | | |
| SUNWkdcr | Kerberos V5 KDC (root) | ✓ | ✓ | | | |
| SUNWkdcu | Kerberos V5 Master KDC (user) | ✓ | ✓ | | | |
| SUNWkey | Configuration tables that specify keyboard attributes such as localized meanings for individual keys | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWkiu8 | Korean UTF-8 iconv modules for UTF-8 | ✓ | ✓ | ✓ | ✓ | |
| SUNWkiu8x | Korean (UTF-8) iconv modules for UTF-8 (64-bit) | ✓ | ✓ | ✓ | ✓ | |
| SUNWkmp2r | PS/2 Keyboard and Mouse Device Drivers (Root) (32-bit) | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWkmp2x | PS/2 Keyboard and Mouse Device Drivers (Root) (64-bit) | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWkoi8f | X11 fonts for KOI8-R character set | ✓ | ✓ | ✓ | ✓ | |
| SUNWkrbr | Kerberos version 5 support (Root) | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWkrbu | Kerberos version 5 support (Usr) | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWkrbux | Kerberos version 5 support (Usr) (64-bit) | ✓ | ✓ | ✓ | ✓ | |
| SUNWkvm | core software for a specific hardware platform group | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWkvmx | core software for a specific hardware platform group | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWkxmft | Korean UTF-8 X Windows Platform Required Fonts | ✓ | ✓ | ✓ | ✓ | |
| SUNWlccom | localization common files | ✓ | ✓ | ✓ | ✓ | |
| SUNWlcl | Locale Conversion Library | ✓ | ✓ | ✓ | ✓ | |
| SUNWlclx | Locale Conversion Library (64-bit) | ✓ | ✓ | ✓ | ✓ | |
| SUNWless | The GNU pager (less) | ✓ | ✓ | | | |
| SUNWlibC | Sun Workshop Compilers Bundled libC | ✓ | ✓ | ✓ | ✓ | |
| SUNWlibCf | SunSoft WorkShop Bundled libC (cfront version) | ✓ | ✓ | ✓ | ✓ | |
| SUNWlibCx | Sun Workshop Bundled 64-bit libC | ✓ | ✓ | ✓ | ✓ | |

**TABLE 1–1** Solaris 9 8/03 (SPARC® Platform Edition) Operating Environment Packages     *(Continued)*

| Package | Description | Entire+OEM | Entire | Developer | End User | Core |
|---------|-------------|:---:|:---:|:---:|:---:|:---:|
| SUNWlibm | Forte Developer Bundled libm | ✓ | ✓ | ✓ | | |
| SUNWlibms | Forte Developer Bundled shared libm | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWlibpopt-64 | command line parsing library (64-bit) - platform dependent files, /usr filesystem | ✓ | ✓ | | | |
| SUNWlibpopt-share | command line parsing library - platform independent files, /usr/share | ✓ | ✓ | | | |
| SUNWlibpopt | command line parsing library | ✓ | ✓ | | | |
| SUNWllc | LLC2 driver implementing IEEE 802.2 Logical Link Control 2 service | ✓ | ✓ | ✓ | ✓ | |
| SUNWllcr | The configuration and startup files for llc2 driver | ✓ | ✓ | ✓ | ✓ | |
| SUNWllcx | 64-bit kernel device drivers implementing IEEE 802.2 Logical Link Control 2 service | ✓ | ✓ | ✓ | ✓ | |
| SUNWlldap | Ldap libraries in for software development of dynamically linked executables | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWlmsx | Forte Developer Bundled 64-bit shared libm | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWlmx | Forte Developer Bundled misc. 64-bit libm files | ✓ | ✓ | ✓ | | |
| SUNWloc | localization utilities and C locale (POSIX default) definitions | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWlocx | localization utilities and C locale (POSIX default) definitions (64-bit) | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWlpmsg | ToolTalk programs for passing printer alerts. | ✓ | ✓ | ✓ | ✓ | |
| SUNWlur | Live Upgrade (root) | ✓ | ✓ | ✓ | | |
| SUNWluu | Live Upgrade (usr) | ✓ | ✓ | ✓ | | |
| SUNWluxd | Sun Enterprise Network Array sf Device Driver | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWluxdx | Sun Enterprise Network Array sf Device Driver (64-bit) | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWluxl | Sun Enterprise Network Array socal Device Driver | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWluxlx | Sun Enterprise Network Array socal Device Driver (64-bit) | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWluxop | Sun Enterprise Network Array firmware and utilities | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWluxox | Sun Enterprise Network Array libraries (64-bit) | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWlvma | Solaris Volume Management APIs | ✓ | ✓ | ✓ | | |

| Package | Description | Entire+OEM | Entire | Developer | End User | Core |
|---------|-------------|:----------:|:------:|:---------:|:--------:|:----:|
| SUNWlvmg | Solaris Volume Management Application | ✓ | ✓ | ✓ | | |
| SUNWlvmr | Solaris Volume Management (root) | ✓ | ✓ | ✓ | | |
| SUNWlxml | The XML library (libxml2-2.4.23) | ✓ | ✓ | ✓ | ✓ | |
| SUNWlxmlx | The XML library (libxml2-2.4.23, 64-bit) | ✓ | ✓ | ✓ | ✓ | |
| SUNWlxsl | The XSLT library (libxslt-1.0.19) | ✓ | ✓ | ✓ | ✓ | |
| SUNWlxslx | The XSLT library (libxslt-1.0.19, 64-bit) | ✓ | ✓ | ✓ | ✓ | |
| SUNWm64 | Device driver for the M64 graphics accelerator | ✓ | ✓ | ✓ | ✓ | |
| SUNWm64cf | Configuration utility for the PCI Bus M64 graphics accelerator | ✓ | ✓ | ✓ | ✓ | |
| SUNWm64w | X server loadable module for the M64 graphics accelerator | ✓ | ✓ | ✓ | ✓ | |
| SUNWm64x | Device driver for the M64 graphics accelerator (64-bit) | ✓ | ✓ | ✓ | ✓ | |
| SUNWm64xr | Extended configuration for Xclaim, Charger and Rage Pro graphics cards | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWman | System Reference Manual Pages | ✓ | ✓ | ✓ | | |
| SUNWmc | This package contains the client and server components of the Solaris Management Console | ✓ | ✓ | ✓ | | |
| SUNWmcc | This package contains the client components of the Solaris Management Console | ✓ | ✓ | ✓ | | |
| SUNWmccom | This package contains the common components of the Solaris Management Console | ✓ | ✓ | ✓ | | |
| SUNWmcdev | This package contains the software development kit for the Solaris Management Console | ✓ | ✓ | ✓ | | |
| SUNWmcex | This package contains example applications for the Solaris Management Console. | ✓ | ✓ | ✓ | | |
| SUNWmdb | Modular Debugger (MDB) | ✓ | ✓ | ✓ | | |
| SUNWmdbdm | Modular Debugger (MDB) demonstration modules and source code | ✓ | ✓ | ✓ | | |
| SUNWmdbx | Modular Debugger (MDB) (64-bit) | ✓ | ✓ | ✓ | | |
| SUNWmddr | reconfiguration coordination manager module for SVM | ✓ | ✓ | ✓ | | |
| SUNWmdi | mpxio module and scsi_vhci device driver | ✓ | ✓ | ✓ | ✓ | ✓ |

| Package | Description | Entire+OEM | Entire | Developer | End User | Core |
|---------|-------------|:----------:|:------:|:---------:|:--------:|:----:|
| SUNWmdix | mpxio module and scsi_vhci device driver (64-bit) | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWmdr | Solaris Volume Manager driver | ✓ | ✓ | ✓ | ✓ | |
| SUNWmdu | Solaris Volume Manager commands | ✓ | ✓ | ✓ | ✓ | |
| SUNWmdx | Solaris Volume Manager drivers (64-bit) | ✓ | ✓ | ✓ | ✓ | |
| SUNWmfdev | Motif UIL compiler | ✓ | ✓ | ✓ | | |
| SUNWmfman | CDE Motif Manuals | ✓ | ✓ | ✓ | | |
| SUNWmfrun | Motif 2.1 libraries, headers, xmbind and bindings | ✓ | ✓ | ✓ | ✓ | |
| SUNWmga | Solaris Management Applications | ✓ | ✓ | ✓ | | |
| SUNWmgapp | WBEM Management Applications | ✓ | ✓ | ✓ | ✓ | |
| SUNWmibii | Solstice Enterprise Agents 1.0.3 snmp daemon | ✓ | ✓ | ✓ | ✓ | |
| SUNWmipr | Mobile-IP configuration and startup scripts | ✓ | ✓ | | | |
| SUNWmipu | Mobile-IP daemon and utilities | ✓ | ✓ | | | |
| SUNWmkcd | CD creation utilities | ✓ | ✓ | ✓ | | |
| SUNWmp | MP Print Filter | ✓ | ✓ | ✓ | ✓ | |
| SUNWncar | core components to enable the network cache and accelerator | ✓ | ✓ | | | |
| SUNWncarx | core components to enable the network cache and accelerator (64-bit) | ✓ | ✓ | | | |
| SUNWncau | components to enable the network cache and accelerator | ✓ | ✓ | | | |
| SUNWncaux | components to enable the network cache and accelerator (64-bit) | ✓ | ✓ | | | |
| SUNWncft | NcFTP ncftp - File Transfer Protocol(FTP) | ✓ | ✓ | | | |
| SUNWnfscr | Network File System (NFS) client support (Root) | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWnfscu | Network File System (NFS) client support (Usr) | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWnfscx | Network File System (NFS) client support (Root) (64-bit) | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWnfssr | Network File System (NFS) server support (Root) | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWnfssu | Network File System (NFS) server support (Usr) | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWnfssx | Network File System (NFS) server support (Root) (64-bit) | ✓ | ✓ | ✓ | ✓ | ✓ |

| Package | Description | Entire+OEM | Entire | Developer | End User | Core |
|---------|-------------|:----------:|:------:|:---------:|:--------:|:----:|
| SUNWnisr | configuration files and directories for the Network Information System (NIS and NIS+) | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWnisu | utilities for the Network Information System (NIS and NIS+) | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWnsb | Netscape 7 for Solaris | ✓ | ✓ | ✓ | ✓ | |
| SUNWnsm | Netscape 7 for Solaris | ✓ | ✓ | ✓ | ✓ | |
| SUNWnspsm | Netscape 7 for Solaris | ✓ | ✓ | ✓ | ✓ | |
| SUNWnsxp | Netscape 7 for Solaris | ✓ | ✓ | ✓ | ✓ | |
| SUNWntpr | Network Time Protocol v3, NTP Daemon and Utilities (xntpd) | ✓ | ✓ | ✓ | ✓ | |
| SUNWntpu | Network Time Protocol v3, NTP Daemon and Utilities (xntpd) | ✓ | ✓ | ✓ | ✓ | |
| SUNWocf | Open Card Framework - core libraries and utilities | ✓ | ✓ | ✓ | ✓ | |
| SUNWocfd | Open Card Framework - Javadoc for SCF Java APIs | ✓ | ✓ | ✓ | | |
| SUNWocfh | Open Card Framework - header files | ✓ | ✓ | ✓ | | |
| SUNWocfr | Open Card Framework - configuration files | ✓ | ✓ | ✓ | ✓ | |
| SUNWocfx | Open Card Framework (OCF) - 64-bit core libraries | ✓ | ✓ | ✓ | ✓ | |
| SUNWolrte | OPEN LOOK toolkits runtime environment | ✓ | ✓ | ✓ | ✓ | |
| SUNWopl5m | Perl 5.005_03 Reference Manual Pages | ✓ | ✓ | ✓ | | |
| SUNWopl5p | POD documentation for Perl 5 programming language | ✓ | ✓ | ✓ | | |
| SUNWopl5u | Perl 5.005_03 programming language | ✓ | ✓ | ✓ | ✓ | |
| SUNWosdem | Source code to demonstrate the use of OS interfaces: ELF | ✓ | ✓ | ✓ | | |
| SUNWowbcp | Support files, programs, and libraries for OpenWindows Binary Compatibility | ✓ | ✓ | ✓ | ✓ | |
| SUNWpamsc | Pluggable Authentication Module for Smart Card Authentication | ✓ | ✓ | ✓ | ✓ | |
| SUNWpamsx | Pluggable Authentication Module for Smart Card Authentication (64-bit) | ✓ | ✓ | ✓ | ✓ | |
| SUNWpcelx | 3COM EtherLink III PCMCIA Ethernet Driver | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWpcelxx | 3COM EtherLink III PCMCIA Ethernet Driver (64-bit) | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWpcmci | kernel modules and start-up files for PCMCIA card services | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWpcmcu | daemon providing PCMCIA card services | ✓ | ✓ | ✓ | ✓ | ✓ |

TABLE 1–1 Solaris 9 8/03 (SPARC® Platform Edition) Operating Environment Packages    *(Continued)*

| Package | Description | Entire+OEM | Entire | Developer | End User | Core |
|---------|-------------|:----------:|:------:|:---------:|:--------:|:----:|
| SUNWpcmcx | 64-bit kernel modules for PCMCIA card services | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWpcmem | PCMCIA memory card driver | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWpcmemx | PCMCIA memory card driver (64-bit) | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWpcr | client configuration files and utilities for the print service | ✓ | ✓ | ✓ | ✓ | |
| SUNWpcser | PCMCIA serial card driver | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWpcserx | PCMCIA serial card driver (64-bit) | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWpcu | client configuration files and utilities for the print service | ✓ | ✓ | ✓ | ✓ | |
| SUNWpd | Drivers for SPARC platforms with the PCI bus | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWpdas | Tools to synchronize desktop applications with the Palm Pilot PDA | ✓ | ✓ | ✓ | ✓ | |
| SUNWpdu | SunOS C/C++ header files for development of software for the PCI bus on SPARC platforms. | ✓ | ✓ | ✓ | | |
| SUNWpdx | 64-bit Drivers for SPARC platforms with the PCI bus | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWpfbcf | Configuration utility for the PCI Bus Sun XVR-100 graphics accelerator (64-bit) | ✓ | ✓ | ✓ | ✓ | |
| SUNWpfbw | X server loadable module for the PCT Bus Sun XVR-100 graphics accelerator (64-bit) | ✓ | ✓ | ✓ | ✓ | |
| SUNWpfbx | Device driver for the PCI Bus Sun XVR-100 graphics accelerator (64-bit) | ✓ | ✓ | ✓ | ✓ | |
| SUNWphx | Solaris interface for phx | ✓ | | | | |
| SUNWphxx | Solaris interface for phx (64 bit) | ✓ | | | | |
| SUNWpiclh | PICL Header Files | ✓ | ✓ | ✓ | | |
| SUNWpiclr | PICL Framework init scripts | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWpiclu | PICL Daemon, Libraries, prtpicl client and plug-in modules | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWpiclx | PICL Libraries for clients (64-bit) | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWpl5m | Perl 5.6.1 Reference Manual Pages | ✓ | ✓ | ✓ | | |
| SUNWpl5p | POD documentation for Perl 5.6.1 programming language | ✓ | ✓ | ✓ | | |
| SUNWpl5u | Perl 5.6.1 programming language (core) | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWpl5v | Perl 5.6.1 programming language (non-core) | ✓ | ✓ | ✓ | ✓ | ✓ |

| Package | Description | Entire+OEM | Entire | Developer | End User | Core |
|---------|-------------|:---:|:---:|:---:|:---:|:---:|
| SUNWplowr | Root pkg which delivers script for upgrades. | ✓ | ✓ | ✓ | ✓ | |
| SUNWpmgr | Solaris Patch Management Applications | ✓ | ✓ | ✓ | | |
| SUNWpmowm | Power Management OW Utilities Man Pages | ✓ | ✓ | ✓ | | |
| SUNWpmowr | Power Management OW Utilities, (Root) | ✓ | ✓ | ✓ | ✓ | |
| SUNWpmowu | Power Management OW Utilities, (Root) | ✓ | ✓ | ✓ | ✓ | |
| SUNWpmr | Power Management config file and rc script | ✓ | ✓ | ✓ | ✓ | |
| SUNWpmu | Power Management binaries | ✓ | ✓ | ✓ | ✓ | |
| SUNWpmux | Power Management binaries (64-bit) | ✓ | ✓ | ✓ | ✓ | |
| SUNWpng | Portable Network Graphics Reference Library | ✓ | ✓ | ✓ | ✓ | |
| SUNWpngx | PNG - Portable Network Graphics library (64-bit) | ✓ | ✓ | | | |
| SUNWpool | core software for resource pools | ✓ | ✓ | ✓ | ✓ | |
| SUNWpoolx | core software for resource pools (64-bit) | ✓ | ✓ | ✓ | ✓ | |
| SUNWppm | Graphical tool for managing printers under Solaris. | ✓ | ✓ | ✓ | ✓ | |
| SUNWpppd | Device drivers implementing point-to-point protocol (PPP) | ✓ | ✓ | | | |
| SUNWpppdr | Configuration files for Solaris Point-to-Point Protocol (PPP) | ✓ | ✓ | | | |
| SUNWpppdt | Extensions implementing PPP tunneling protocols | ✓ | ✓ | | | |
| SUNWpppdu | Daemon and utilities for Point-to-Point Protocol (PPP) | ✓ | ✓ | | | |
| SUNWpppdx | 64-bit device drivers implementing point-to-point protocol (PPP) | ✓ | ✓ | | | |
| SUNWpppg | Optional GNU utilities for use with PPP | ✓ | ✓ | | | |
| SUNWpr | Netscape Portable Runtime Interface | ✓ | ✓ | | | |
| SUNWpsdpr | PCMCIA ATA card driver | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWpsdprx | PCMCIA ATA card driver (64-bit) | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWpsf | client configuration files and utilities for the print service | ✓ | ✓ | ✓ | ✓ | |
| SUNWpsr | configuration and start-up files for the print service | ✓ | ✓ | ✓ | ✓ | |
| SUNWpstl | Apptrace processor specific shared objects | ✓ | ✓ | ✓ | | |
| SUNWpstlx | Apptrace processor specific shared objects (64-bit) | ✓ | ✓ | ✓ | | |
| SUNWpsu | client configuration files and utilities for the print service | ✓ | ✓ | ✓ | ✓ | |

**TABLE 1–1** Solaris 9 8/03 (SPARC® Platform Edition) Operating Environment Packages     *(Continued)*

| Package | Description | Entire+OEM | Entire | Developer | End User | Core |
|---------|-------------|:---:|:---:|:---:|:---:|:---:|
| SUNWqfed | Sun Quad FastEthernet PCI/SBus Adapter 32Bit Driver | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWqfedu | Sun Quad FastEthernet PCI/SBus Adapter Headers | ✓ | ✓ | ✓ | | |
| SUNWqfedx | Sun Quad FastEthernet PCI/SBus Adapter 64Bit Driver | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWqlc | Qlogic ISP 2200/2202 Fibre Channel Device Driver | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWqlcx | Qlogic ISP 2200/2202 Fibre Channel Device Driver (64-bit) | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWqos | Solaris IP Quality of Service (Root) | ✓ | ✓ | ✓ | ✓ | |
| SUNWqosu | Solaris IP Quality of Service (Usr) | ✓ | ✓ | ✓ | ✓ | |
| SUNWqosx | Solaris IP Quality of Service (64-bit) | ✓ | ✓ | ✓ | ✓ | |
| SUNWrcmdc | Remote Network Client Commands (rsh, rlogin, rcp, rsh, ...) | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWrcmdr | Remote Network Server Commands (Root) | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWrcmds | Remote Network Server Commands (includes finger, talk, rwho commands) | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWrmodu | Realmode Modules, (Usr) | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWrmui | Resource Management for Solaris | ✓ | ✓ | ✓ | | |
| SUNWrmwbr | Resource Management for Solaris | ✓ | ✓ | ✓ | ✓ | |
| SUNWrmwbu | Resource Management for Solaris | ✓ | ✓ | ✓ | ✓ | |
| SUNWrmwbx | Resource Management for Solaris | ✓ | ✓ | ✓ | ✓ | |
| SUNWroute | Network Routing daemons/commands (Usr) | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWrpm | Utilities for processing RPM archives | ✓ | ✓ | | | |
| SUNWrsg | GSS-API services for ONC RPC | ✓ | ✓ | ✓ | ✓ | |
| SUNWrsgk | kernel GSS-API services for ONC RPC | ✓ | ✓ | ✓ | ✓ | |
| SUNWrsgx | GSS-API services for ONC RPC (64-bit) | ✓ | ✓ | ✓ | ✓ | |
| SUNWrsm | Remote Shared Memory API Library, Driver | ✓ | ✓ | ✓ | | |
| SUNWrsmo | Support for network specific implementations of RSMPI | ✓ | ✓ | ✓ | | |
| SUNWrsmox | Support for network specific implementations of RSMPI (64-bit) | ✓ | ✓ | ✓ | | |
| SUNWrsmx | Remote Shared Memory API Library, Driver (64-bit) | ✓ | ✓ | ✓ | | |

| Package | Description | Entire+OEM | Entire | Developer | End User | Core |
|---------|-------------|:----------:|:------:|:---------:|:--------:|:----:|
| SUNWrtvc | Device driver for the SunVideo real-time video capture and compression card | ✓ | ✓ | | | |
| SUNWrtvcl | XIL loadable pipelines for SunVideo capture and compression | ✓ | ✓ | | | |
| SUNWrtvcu | Header files, and examples for SunVideo capture and compression | ✓ | ✓ | | | |
| SUNWrtvcx | Device driver for the SunVideo real-time video capture and compression card (64-bit) | ✓ | ✓ | | | |
| SUNWsacom | Solstice Enterprise Agents 1.0.3 files for root file system | ✓ | ✓ | ✓ | ✓ | |
| SUNWsadmi | Solstice Enterprise Agents 1.0.3 Desktop Management Interface | ✓ | ✓ | ✓ | ✓ | |
| SUNWsadml | Solstice launcher and associated libraries. | ✓ | ✓ | | | |
| SUNWsadmx | Solstice Enterprise Agents 1.0.3 Desktop Management Interface Libraries (64-bit) | ✓ | ✓ | ✓ | ✓ | |
| SUNWsasnm | Solstice Enterprise Agents 1.0.3 Simple Network Management Protocol | ✓ | ✓ | ✓ | ✓ | |
| SUNWsasnx | Solstice Enterprise Agents 1.0.3 Simple Network Management Protocol Libraries (64-bit) | ✓ | ✓ | ✓ | ✓ | |
| SUNWscbcp | SPARCompilers Binary Compatibility Libraries | ✓ | ✓ | ✓ | ✓ | |
| SUNWscgui | Solaris Smart Card Administration - Graphical User Interface component | ✓ | ✓ | ✓ | ✓ | |
| SUNWsckmr | Init script & links for Sun Fire 15000 Key Management daemon | ✓ | ✓ | ✓ | ✓ | |
| SUNWsckmu | Key Management daemon for Sun Fire 15000 | ✓ | ✓ | ✓ | ✓ | |
| SUNWsckmx | Key Management Modules for Sun Fire 15000 (64-Bit) | ✓ | ✓ | ✓ | ✓ | |
| SUNWscmos | SCM Microsystems SmartOS smart card protocol module | ✓ | ✓ | ✓ | ✓ | |
| SUNWscmsc | Sun SCRI OCF Card Terminal Driver | ✓ | ✓ | ✓ | ✓ | |
| SUNWscplp | print utilities for user interface and source build compatibility with SunOS 4.x | ✓ | ✓ | ✓ | ✓ | |
| SUNWscpr | utilities for user interface and source build compatibility with SunOS 4.x | ✓ | ✓ | ✓ | ✓ | |
| SUNWscpu | utilities for user interface and source build compatibility with SunOS 4.x | ✓ | ✓ | ✓ | ✓ | |
| SUNWscpux | utilities for user interface and source build compatibility with SunOS 4.x | ✓ | ✓ | ✓ | | |

**TABLE 1–1** Solaris 9 8/03 (SPARC® Platform Edition) Operating Environment Packages    *(Continued)*

| Package | Description | Entire+OEM | Entire | Developer | End User | Core |
|---------|-------------|:----------:|:------:|:---------:|:--------:|:----:|
| SUNWses | SCSI Enclosure Services (ses) Device Driver | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWsesx | SCSI Enclosure Services (ses) Device Driver (64-bit) | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWsfdoc | GNU and open source documentation | ✓ | ✓ | ✓ | | |
| SUNWsfdr | Sun Fire 880 DR Daemon | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWsfdrr | DR Daemon init script for Sun Fire 880, (Root) | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWsfinf | GNU and open source info pages | ✓ | ✓ | ✓ | | |
| SUNWsfman | GNU and open source man pages | ✓ | ✓ | ✓ | | |
| SUNWsior | SuperIO 307 (plug-n-play) device drivers, (Root) (32-bit) | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWsiox | SuperIO 307 (plug-n-play) device drivers, (Root) (64-bit) | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWslpr | Root filesystem portion of the Service Location Protocol (SLP) framework. Includes the SLP configuration file and start scripts for the SLP daemon. | ✓ | ✓ | ✓ | ✓ | |
| SUNWslpu | Usr filesystem portion of the Service Location Protocol (SLP) framework. Included are C and Java developer libraries and a daemon which can act as a directory agent (DA). | ✓ | ✓ | ✓ | ✓ | |
| SUNWslpx | Service Location Protocol (SLP) 64-bit developer libraries | ✓ | ✓ | ✓ | ✓ | |
| SUNWsmbac | samba - A Windows SMB/CIFS fileserver for UNIX (client) | ✓ | ✓ | ✓ | ✓ | |
| SUNWsmbar | samba - A Windows SMB/CIFS fileserver for UNIX (Root) | ✓ | ✓ | ✓ | ✓ | |
| SUNWsmbau | samba - A Windows SMB/CIFS fileserver for UNIX (Usr) | ✓ | ✓ | | | |
| SUNWsndmr | sendmail root | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWsndmu | sendmail user | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWsolnm | Enable Solaris Name in /etc/release file | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWspl | Spell Checking Engine - Base Release (English) | ✓ | ✓ | ✓ | ✓ | |
| SUNWsprot | Solaris Bundled tools | ✓ | ✓ | ✓ | | |
| SUNWsprox | Sun Workshop Bundled 64-bit make library | ✓ | ✓ | ✓ | | |
| SUNWsra | libraries in archive (ar) format for source build compatibility with SunOS 4.x | ✓ | ✓ | ✓ | | |
| SUNWsregu | Solaris User Registration prompts at desktop login for user registration information. | ✓ | ✓ | ✓ | ✓ | |

| Package | Description | Entire+OEM | Entire | Developer | End User | Core |
|---|---|:---:|:---:|:---:|:---:|:---:|
| SUNWsrh | SunOS C/C++ header files for source build compatibility with SunOS 4.x | ✓ | ✓ | ✓ | | |
| SUNWssad | pln, soc, and ssd kernel device drivers | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWssadx | pln, soc, and ssd kernel device drivers (64-bit) | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWssaop | administration utilities and firmware for the SPARCstorage Array (SSA) | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWsshcu | Secure Shell protocol common Utilities | ✓ | ✓ | ✓ | ✓ | |
| SUNWsshdr | Secure Shell protocol Server | ✓ | ✓ | ✓ | ✓ | |
| SUNWsshdu | Secure Shell protocol Server | ✓ | ✓ | ✓ | ✓ | |
| SUNWsshr | Secure Shell protocol Client and associated Utilities | ✓ | ✓ | ✓ | ✓ | |
| SUNWsshu | Secure Shell protocol Client and associated Utilities | ✓ | ✓ | ✓ | ✓ | |
| SUNWstcx | I2C Smartcard kernel device driver for SCM STC chip - (64-bit) | ✓ | ✓ | ✓ | ✓ | |
| SUNWsutl | statically linked utilities for system disaster recovery | ✓ | ✓ | | | |
| SUNWswmt | Solaris 2.x Install and Patch Utilities | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWsx | Shareable library and header files for SX/CG14 loadable pipeline support | ✓ | ✓ | ✓ | ✓ | |
| SUNWsxow | X server loadable module for the SX/CG14 graphics accelerator | ✓ | ✓ | ✓ | ✓ | |
| SUNWsxr | kernel device drivers for the SX video subsystem | ✓ | ✓ | ✓ | ✓ | |
| SUNWtcatr | Tomcat Servlet/JSP Container (root) | ✓ | ✓ | | | |
| SUNWtcatu | Tomcat Servlet/JSP Container | ✓ | ✓ | | | |
| SUNWtcpd | tcpd - access control facility for internet services | ✓ | ✓ | | | |
| SUNWtcsh | Tenex C-shell (tcsh) | ✓ | ✓ | | | |
| SUNWtcx | Device driver for the S24 frame buffer | ✓ | ✓ | ✓ | ✓ | |
| SUNWtcxow | X server loadable module and configuration utility for the S24 frame buffer | ✓ | ✓ | ✓ | ✓ | |
| SUNWter | extensive terminfo database entries describing capabilities of terminals and pseudoterminals | ✓ | ✓ | ✓ | | |
| SUNWtexi | GNU texinfo (texinfo) | ✓ | ✓ | ✓ | | |
| SUNWtftp | Trivial File Transfer Server | ✓ | ✓ | ✓ | ✓ | ✓ |

**TABLE 1–1** Solaris 9 8/03 (SPARC® Platform Edition) Operating Environment Packages     *(Continued)*

| Package | Description | Entire+OEM | Entire | Developer | End User | Core |
|---------|-------------|:---:|:---:|:---:|:---:|:---:|
| SUNWtftpr | Trivial File Transfer Server (Root) | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWtiu8 | Thai UTF-8 iconv modules for UTF-8 | ✓ | ✓ | ✓ | ✓ | |
| SUNWtiu8x | Thai UTF-8 iconv modules for UTF-8 (64-bit) | ✓ | ✓ | ✓ | ✓ | |
| SUNWtls | Network Security Services | ✓ | ✓ | | | |
| SUNWtltk | ToolTalk binaries and shared libraries needed for Common Desktop Environment (CDE), OpenWindows, and all ToolTalk clients | ✓ | ✓ | ✓ | ✓ | |
| SUNWtltkd | ToolTalk static library and include files for programmers | ✓ | ✓ | ✓ | | |
| SUNWtltkm | ToolTalk manual pages for ToolTalk programmers, OpenWindows users, and Common Desktop Environment (CDE) users | ✓ | ✓ | ✓ | | |
| SUNWtltkx | ToolTalk library (64-bit) needed for Common Desktop Environment (CDE), OpenWindows, and all ToolTalk clients | ✓ | ✓ | ✓ | ✓ | |
| SUNWtnamd | Trivial Name Server (Usr) | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWtnamr | Trivial Name Server (Root) | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWtnetc | Telnet Command (client) | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWtnetd | Telnet Server Deamon (Usr) | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWtnetr | Telnet Server Deamon (Root) | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWtnfc | utilities needed to enable probe points, in the kernel and in applications, that can generate Trace Normal Format (TNF) records in a trace file | ✓ | ✓ | ✓ | | |
| SUNWtnfcx | 64-bit utilities needed to enable probe points, in the kernel and in applications, that can generate Trace Normal Format (TNF) records in a trace file | ✓ | ✓ | ✓ | | |
| SUNWtnfd | utilities needed by developers using Trace Normal Format (TNF) facilities | ✓ | ✓ | ✓ | | |
| SUNWtoo | utilities for software development, including ld, ldd, od, and truss | ✓ | ✓ | ✓ | ✓ | |
| SUNWtoox | utilities for software development (64-bit) | ✓ | ✓ | ✓ | ✓ | |
| SUNWtxfnt | Thai X Windows Platform required Fonts Package | ✓ | ✓ | ✓ | ✓ | |
| SUNWucbt | Apptrace shared objects for UCB compatibility libraries | ✓ | ✓ | ✓ | | |
| SUNWucbtx | Apptrace shared objects for UCB compatibility libraries (64-bit) | ✓ | ✓ | ✓ | | |

| Package | Description | Entire+OEM | Entire | Developer | End User | Core |
|---------|-------------|:----------:|:------:|:---------:|:--------:|:----:|
| SUNWudf | Universal Disk Format 1.50 File System, (Usr) | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWudfr | Universal Disk Format 1.50 File System | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWudfrx | Universal Disk Format 1.50 File System (64-bit) | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWuiu8 | Iconv modules for UTF-8 Locale | ✓ | ✓ | ✓ | ✓ | |
| SUNWuiu8x | Iconv Modules for UTF-8 Locale (64-bit) | ✓ | ✓ | ✓ | ✓ | |
| SUNWuium | ICONV Manual pages for UTF-8 Locale | ✓ | ✓ | ✓ | ✓ | |
| SUNWulcf | UTF-8 Locale Environment Common Files | ✓ | ✓ | ✓ | ✓ | |
| SUNWulcfx | UTF-8 Locale Environment Common Files (64-bit) | ✓ | ✓ | ✓ | ✓ | |
| SUNWulocf | UTF-8 Locale Environment OpenWindows Common Files | ✓ | ✓ | ✓ | ✓ | |
| SUNWusb | USBA (USB framework) and USB Device Drivers | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWusbu | USB Headers | ✓ | ✓ | ✓ | | |
| SUNWusbx | USBA (USB framework) and USB Device Drivers (64-bit) | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWusoc | Sun Universal SOC+ Fibre Channel Device Driver | ✓ | ✓ | ✓ | ✓ | |
| SUNWusocx | Sun Universal SOC+ Fibre Channel Device Driver (64-bit) | ✓ | ✓ | ✓ | ✓ | |
| SUNWusx | UltraSPARC CPU Device Driver (64-bit) | ✓ | ✓ | ✓ | ✓ | |
| SUNWuxfl1 | SMCC System FLASH PROM update for SUNW,Ultra-1 | ✓ | ✓ | ✓ | ✓ | |
| SUNWuxfl2 | SMCC System FLASH PROM update for SUNW,Ultra-2 | ✓ | ✓ | ✓ | ✓ | |
| SUNWuxfl4 | SMCC System FLASH PROM update for SUNW,Ultra-4 | ✓ | ✓ | ✓ | ✓ | |
| SUNWuxfle | SMCC System FLASH PROM update for SUNW,Ultra-Enterprise | ✓ | ✓ | ✓ | ✓ | |
| SUNWuxflr | Generic components for Sun4u SMCC System FLASH PROM Update | ✓ | ✓ | ✓ | ✓ | |
| SUNWuxflu | Generic components for Sun4u SMCC System FLASH PROM Update | ✓ | ✓ | ✓ | ✓ | |
| SUNWuxlcf | UTF-8 X Locale Environment Common Files | ✓ | ✓ | ✓ | ✓ | |
| SUNWuxlcx | UTF-8 X Locale Environment Common Files (64-bit) | ✓ | ✓ | ✓ | ✓ | |
| SUNWvid | Generic Video Timing Information | ✓ | ✓ | ✓ | ✓ | |
| SUNWvld | Sun Ethernet Vlan Utility Routines (32-bit) | ✓ | ✓ | ✓ | ✓ | |

**TABLE 1–1** Solaris 9 8/03 (SPARC® Platform Edition) Operating Environment Packages    *(Continued)*

| Package | Description | Entire+OEM | Entire | Developer | End User | Core |
|---------|-------------|:----------:|:------:|:---------:|:--------:|:----:|
| SUNWvldu | Sun Ethernet Vlan Utility Header files | ✓ | ✓ | ✓ | | |
| SUNWvldx | Sun Ethernet Vlan Utility Routines (64-bit) | ✓ | ✓ | ✓ | ✓ | |
| SUNWvolg | Volume Management Graphical User Interface | ✓ | ✓ | ✓ | ✓ | |
| SUNWvolr | configuration and start-up files for volume (removable media) management and volfs | ✓ | ✓ | ✓ | ✓ | |
| SUNWvolu | utilities and a daemon (vold) for volume (removable media) management and volfs | ✓ | ✓ | ✓ | ✓ | |
| SUNWvolux | Driver for volume (removable media) management (64-bit) | ✓ | ✓ | ✓ | ✓ | |
| SUNWvygdr | Voyager Drivers and Streams Module | ✓ | ✓ | ✓ | ✓ | |
| SUNWwbapi | Solaris WBEM API | ✓ | ✓ | ✓ | ✓ | |
| SUNWwbcor | Solaris WBEM Services (root) | ✓ | ✓ | ✓ | ✓ | |
| SUNWwbcou | Solaris WBEM Services (usr) | ✓ | ✓ | ✓ | ✓ | |
| SUNWwbdev | Sun WBEM SDK | ✓ | ✓ | ✓ | | |
| SUNWwbdoc | Sun WBEM SDK - Documentation | ✓ | ✓ | ✓ | | |
| SUNWwbmc | This package contains the components integrating WBEM and SMC | ✓ | ✓ | ✓ | | |
| SUNWwbpro | Solaris WBEM Providers (usr) | ✓ | ✓ | ✓ | ✓ | |
| SUNWwgetr | GNU wget - a utility to retrieve files from the World Wide Web (root components) | ✓ | ✓ | | | |
| SUNWwgetu | GNU wget - a utility to retrieve files from the World Wide Web (Usr) | ✓ | ✓ | | | |
| SUNWwrsax | Library to enable Remote Shared Memory over WCI interface (64-bit) | ✓ | ✓ | ✓ | | |
| SUNWwrsdx | DLPI Driver for use with the WCI Remote Shared Memory Driver (64-bit) | ✓ | ✓ | ✓ | | |
| SUNWwrsmx | WCI Remote Shared Memory Drivers (64-bit) | ✓ | ✓ | ✓ | | |
| SUNWwrsux | Commands and libraries for the wrsm and wrsmd drivers (64-bit) | ✓ | ✓ | ✓ | | |
| SUNWwsr2 | Solaris Product Registry & Web Start runtime support | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWwsrv | Solaris Product Registry Viewer | ✓ | ✓ | ✓ | ✓ | |

**TABLE 1–1** Solaris 9 8/03 (SPARC® Platform Edition) Operating Environment Packages     *(Continued)*

| Package | Description | Entire+OEM | Entire | Developer | End User | Core |
|---------|-------------|:----------:|:------:|:---------:|:--------:|:----:|
| SUNWxcu4 | utilities providing conformance with XCU4 specifications | ✓ | ✓ | ✓ | ✓ | |
| SUNWxcu4t | XCU4 Compliant Versions of make and sccs utilities | ✓ | ✓ | ✓ | | |
| SUNWxi18n | Run time library loaded by libX11.so, and provides input and output capability for internationalized X Window applications. | ✓ | ✓ | ✓ | ✓ | |
| SUNWxi18x | Run time library loaded by sparcv9/libX11.so, and provides input and output capability for internationalized X Window applications. | ✓ | ✓ | ✓ | ✓ | |
| SUNWxilcg | XIL loadable pipelines for the SX/CG14 graphics accelerator | ✓ | ✓ | ✓ | ✓ | |
| SUNWxildh | XIL Loadable Pipeline Libraries | ✓ | ✓ | ✓ | ✓ | |
| SUNWxilh | XIL API Header files | ✓ | ✓ | ✓ | | |
| SUNWxilow | XIL Deskset Loadable Pipeline Libraries | ✓ | ✓ | ✓ | ✓ | |
| SUNWxilrl | XIL Runtime Environment | ✓ | ✓ | ✓ | ✓ | |
| SUNWxilvl | XIL loadable pipelines for all sun4u platforms. Includes loadable pipelines for the UPA Bus Creator graphics accelerator. | ✓ | ✓ | ✓ | ✓ | |
| SUNWxim | X Input Method server provides different styles of input. | ✓ | ✓ | ✓ | ✓ | |
| SUNWximx | X Input Method server provides different styles of input. | ✓ | ✓ | ✓ | ✓ | |
| SUNWxrgrt | JAXR Runtime | ✓ | ✓ | | | |
| SUNWxrpcrt | JAX-RPC Runtime | ✓ | ✓ | | | |
| SUNWxsrt | Soap Runtime | ✓ | ✓ | | | |
| SUNWxwacx | AccessX client program | ✓ | ✓ | ✓ | ✓ | |
| SUNWxwcft | X Window System optional fonts | ✓ | ✓ | ✓ | ✓ | |
| SUNWxwcsl | Font support library for Type1/CID fonts. | ✓ | ✓ | ✓ | ✓ | |
| SUNWxwdem | X Window System demo programs | ✓ | ✓ | ✓ | ✓ | |
| SUNWxwdim | Graphics files in various formats | ✓ | ✓ | ✓ | ✓ | |
| SUNWxwdv | kernel device drivers for X Windows System | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWxwdvx | 64-bit kernel device drivers for X Windows System | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWxwdxm | DPS MOTIF library | ✓ | ✓ | ✓ | ✓ | |
| SUNWxwfa | Font Administration application for Solaris platforms | ✓ | ✓ | ✓ | ✓ | |

| Package | Description | Entire+OEM | Entire | Developer | End User | Core |
|---|---|:---:|:---:|:---:|:---:|:---:|
| SUNWxwfnt | X Window System Fonts (required fonts) | ✓ | ✓ | ✓ | ✓ | |
| SUNWxwfs | X Window System font server | ✓ | ✓ | ✓ | ✓ | |
| SUNWxwhl | X Window System & Graphics Header links in /usr/include | ✓ | ✓ | ✓ | ✓ | |
| SUNWxwice | Library and utilities to support the X Window System Inter-Client Exchange (ICE) protocol | ✓ | ✓ | ✓ | ✓ | |
| SUNWxwicx | X Window System ICE 64-bit library | ✓ | ✓ | ✓ | ✓ | |
| SUNWxwinc | X Window System include files | ✓ | ✓ | ✓ | | |
| SUNWxwkey | X Windows software, PC keytables | ✓ | ✓ | ✓ | ✓ | |
| SUNWxwman | X Window System online user man pages | ✓ | ✓ | ✓ | | |
| SUNWxwmod | Kernel modules used by the Solaris X Window System Server | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWxwmox | 64-bit Kernel modules for X Windows | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWxwoft | X Window System optional fonts | ✓ | ✓ | ✓ | ✓ | |
| SUNWxwopt | X Window System Optional Clients | ✓ | ✓ | ✓ | ✓ | |
| SUNWxwpft | X Window System Xprt Printer Fonts | ✓ | ✓ | ✓ | ✓ | |
| SUNWxwpl | Platform specific X server supplementary links | ✓ | ✓ | ✓ | ✓ | |
| SUNWxwplt | X Window System platform software (server, DPS, extensions, Xlib, required & common clients) | ✓ | ✓ | ✓ | ✓ | |
| SUNWxwplx | X Window System 64-bit library software | ✓ | ✓ | ✓ | ✓ | |
| SUNWxwpmn | X Window System online programmers man pages | ✓ | ✓ | ✓ | | |
| SUNWxwpsr | This package contains X server modules optimized for SUN4u platform. This package is not required for non-SUN4u platforms; but installing this package will not affect the working of server on non-SUN4u platforms. | ✓ | ✓ | ✓ | ✓ | |
| SUNWxwrtl | X Window System & Graphics runtime library links | ✓ | ✓ | ✓ | ✓ | |
| SUNWxwrtx | X Window System 64-bit Library Links in /usr/lib/sparcv9 | ✓ | ✓ | ✓ | ✓ | |
| SUNWxwslb | X Window System static and lint libraries for programmers. | ✓ | ✓ | ✓ | | |
| SUNWxwslx | X Window System 64-bit lint libraries for programmers. | ✓ | ✓ | ✓ | | |
| SUNWxwsrc | X Window System example source code for programmers. | ✓ | ✓ | ✓ | | |
| SUNWxwsrv | X Window System Xvfb & Xnest Virtual Display Servers | ✓ | ✓ | ✓ | ✓ | |

**TABLE 1–1** Solaris 9 8/03 (SPARC® Platform Edition) Operating Environment Packages    *(Continued)*

| Package | Description | Entire+OEM | Entire | Developer | End User | Core |
|---------|-------------|------------|--------|-----------|----------|------|
| SUNWxwsvr | Screen Saver/Locker for X Window System | ✓ | ✓ | | | |
| SUNWypr | NIS Server for Solaris 2.6 and up | ✓ | ✓ | | | |
| SUNWypu | NIS Server for Solaris 2.6 and up | ✓ | ✓ | | | |
| SUNWzip | The Info-Zip (zip) compression utility | ✓ | ✓ | | | |
| SUNWzlib | The Zip compression library | ✓ | ✓ | ✓ | ✓ | |
| SUNWzlibx | The Zip compression library (64-bit) | ✓ | ✓ | ✓ | ✓ | |
| SUNWzsh | Z shell (zsh) | ✓ | ✓ | | | |
| SUNWzuluc | Configuration software for the Sun XVR-4000 graphics accelerator (64-bit) | ✓ | ✓ | ✓ | ✓ | |
| SUNWzulur | Boot-time device initialization support for the Sun XVR-4000 graphics accelerator (64-bit) | ✓ | ✓ | ✓ | ✓ | |
| SUNWzuluw | X server loadable module for the Sun XVR-4000 graphics accelerator (64-bit) | ✓ | ✓ | ✓ | ✓ | |
| SUNWzulux | Device driver for the Sun XVR-4000 graphics accelerator (64-bit) | ✓ | ✓ | ✓ | ✓ | |
| TSBWvplr | Toshiba platform links | ✓ | ✓ | ✓ | ✓ | ✓ |
| TSBWvplu | Toshiba usr/platform links | ✓ | ✓ | ✓ | ✓ | ✓ |
| TSIpgx | Device driver for PGX32 (Raptor GFX) graphics accelerator | ✓ | ✓ | ✓ | ✓ | |
| TSIpgxw | X Server loadable module for PGX32 (Raptor GFX) graphics accelerator | ✓ | ✓ | ✓ | ✓ | |
| TSIpgxx | Device driver for PGX32 (Raptor GFX) graphics accelerator (64-bit) | ✓ | ✓ | ✓ | ✓ | |

**TABLE 1–2** Solaris 9 8/03 (x86 Platform Edition) Operating Environment Packages

| Package | Description | Entire+OEM | Entire | Developer | End User | Core |
|---------|-------------|------------|--------|-----------|----------|------|
| AMImega | MEGA Family SCSI Host Bus Adapter | ✓ | ✓ | ✓ | ✓ | ✓ |
| CADP160 | Adaptec Ultra160 SCSI Host Adapter Driver | ✓ | ✓ | ✓ | ✓ | ✓ |
| CPQncr | Compaq Family SCSI HBA | ✓ | ✓ | ✓ | ✓ | ✓ |

| Package | Description | Entire+OEM | Entire | Developer | End User | Core |
|---------|-------------|:----------:|:------:|:---------:|:--------:|:----:|
| CPQsmii | Compaq SMART-2/E Family of Array Controller | ✓ | ✓ | ✓ | ✓ | ✓ |
| HPFC | Agilent Fibre Channel HBA Driver | ✓ | ✓ | ✓ | ✓ | ✓ |
| IPLTadcon | Administration Server Console Client package | ✓ | ✓ | | | |
| IPLTadman | Administration Server Documentation | ✓ | ✓ | | | |
| IPLTadmin | Administration Server | ✓ | ✓ | | | |
| IPLTcons | Console Client Base package | ✓ | ✓ | | | |
| IPLTdscon | Directory Server Console | ✓ | ✓ | | | |
| IPLTdsman | Directory Server Documentation | ✓ | ✓ | | | |
| IPLTdsr | Directory Server | ✓ | ✓ | | | |
| IPLTdsu | Directory Server | ✓ | ✓ | | | |
| IPLTjss | Network Security Services for Java | ✓ | ✓ | | | |
| IPLTnls | Nationalization Languages and Localization Support | ✓ | ✓ | | | |
| IPLTnspr | Netscape Portable Runtime Interface | ✓ | ✓ | | | |
| IPLTnss | Network Security Services | ✓ | ✓ | | | |
| IPLTpldap | PerLDAP | ✓ | ✓ | | | |
| NCRos86r | NCR Platform Support, OS Functionality (Root) | ✓ | ✓ | ✓ | ✓ | ✓ |
| NSCPcom | This package contains the application and configuration files of Netscape Communicator 4.78 supporting U.S. security. | ✓ | ✓ | ✓ | ✓ | |
| SK98sol | SysKonnect SK-NET Gigabit Ethernet Adapter SK-98xx | ✓ | ✓ | ✓ | ✓ | ✓ |
| SKfp | SysKonnect PCI-FDDI Host Adapter | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNW1251f | Russian additional locale fonts (1251) | ✓ | ✓ | ✓ | ✓ | |
| SUNW5xmft | Traditional Chinese (BIG5) X Windows Platform required Fonts Package | ✓ | ✓ | ✓ | ✓ | |
| SUNWGlib | GLIB - Library of useful routines for C programming | ✓ | ✓ | ✓ | ✓ | |
| SUNWGtkr | GTK - The GIMP Toolkit (Root) | ✓ | ✓ | ✓ | ✓ | |
| SUNWGtku | GTK - The GIMP Toolkit (Usr) | ✓ | ✓ | ✓ | ✓ | |
| SUNWTcl | Tcl - Tool Command Language | ✓ | ✓ | ✓ | ✓ | |

**TABLE 1–2** Solaris 9 8/03 (x86 Platform Edition) Operating Environment Packages     *(Continued)*

| Package | Description | Entire+OEM | Entire | Developer | End User | Core |
|---------|-------------|:----------:|:------:|:---------:|:--------:|:----:|
| SUNWTiff | The TIFF Library | ✓ | ✓ | ✓ | ✓ | |
| SUNWTk | Tk - TCL GUI Toolkit | ✓ | ✓ | ✓ | ✓ | |
| SUNWaccr | utilities for accounting and reporting of system activity | ✓ | ✓ | | | |
| SUNWaccu | utilities for accounting and reporting of system activity | ✓ | ✓ | | | |
| SUNWaclg | Apache Common Logging | ✓ | ✓ | | | |
| SUNWadmap | Software used to perform system administration tasks | ✓ | ✓ | ✓ | ✓ | |
| SUNWadmc | Core software libraries used for system administration | ✓ | ✓ | ✓ | ✓ | |
| SUNWadmfw | This package contains the system and network administration libraries and services. | ✓ | ✓ | ✓ | ✓ | |
| SUNWadmj | Java libraries used for system administration tools | ✓ | ✓ | ✓ | ✓ | |
| SUNWadmr | Root programs and scripts for initializing system installation. | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWadp | Adaptec 29xx/39/xx/78xx Family of SCSI HBA | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWadpu320 | Adpatec 7902 SCSI Driver | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWant | The Jakarta ANT Java/XML-based build tool | ✓ | ✓ | ✓ | | |
| SUNWapchd | The Apache HTTP server (documentation) | ✓ | ✓ | | | |
| SUNWapchr | The Apache HTTP server program (root components) | ✓ | ✓ | | | |
| SUNWapchu | The Apache HTTP server program (usr components) | ✓ | ✓ | | | |
| SUNWapct | Appcert utility for application ABI stability checking | ✓ | ✓ | ✓ | | |
| SUNWarc | system libraries in archive (ar) format for software development of statically linked executables | ✓ | ✓ | ✓ | | |
| SUNWarrf | X11 fonts for Arabic character set (required fonts) | ✓ | ✓ | ✓ | ✓ | |
| SUNWast | administrative utilities for improving system security by monitoring or restricting access to system files and directories | ✓ | ✓ | | | |
| SUNWatfsr | configuration and start-up files for the AutoFS filesystem | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWatfsu | utilities and a daemon (automountd) for the AutoFS filesystem | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWauda | SunOS audio applications | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWaudd | SunOS audio device drivers using the new audio driver architecture | ✓ | ✓ | ✓ | ✓ | ✓ |

**TABLE 1–2** Solaris 9 8/03 (x86 Platform Edition) Operating Environment Packages    *(Continued)*

| Package | Description | Entire+OEM | Entire | Developer | End User | Core |
|---------|-------------|:---:|:---:|:---:|:---:|:---:|
| SUNWaudf | SunOS audio sound files | ✓ | ✓ | ✓ | ✓ | |
| SUNWaudh | SunOS C/C++ header files for audio drivers and applications | ✓ | ✓ | ✓ | | |
| SUNWaudit | Java BSM audit interface / AuditService Implementation | ✓ | ✓ | | | |
| SUNWbash | GNU Bourne-Again shell (bash) | ✓ | ✓ | ✓ | ✓ | |
| SUNWbip | Basic IP commands (/usr/sbin/ping, /bin/ftp) | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWbnur | configuration and start-up files for UUCP utilities | ✓ | ✓ | | | |
| SUNWbnuu | UUCP utilities and daemon | ✓ | ✓ | | | |
| SUNWbsr | Boot Server daemons (Root) | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWbsu | Boot Server daemons (Usr) | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWbtool | software development utilities, including ar, dis, dump, elfdump, lex, lorder, mcs, nm, prof, ranlib, rpcgen, size, strip, tsort, and yacc | ✓ | ✓ | ✓ | | |
| SUNWbzip | The bzip compression utility | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWcadp | Adaptec AHA-29xx/39xx, AIC-78xx Ultra 2 SCSI HBA | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWcar | core software for a specific hardware platform group | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWcdrw | utility for writing to CD-R/RW disks | ✓ | ✓ | ✓ | | |
| SUNWciu8 | Simplified Chinese (EUC) iconv modules for UTF-8 | ✓ | ✓ | ✓ | ✓ | |
| SUNWcoff | UNIX System V, Release 3.x binary compatibility | ✓ | ✓ | ✓ | | |
| SUNWcor | Corollary PSMI MP Module | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWcpc | Kernel support for CPU Performance Counters | ✓ | ✓ | ✓ | | |
| SUNWcpcu | CPU Performance Counter libraries and utilities | ✓ | ✓ | ✓ | | |
| SUNWcpmp | Compaq PSMI MP Module | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWcpp | Solaris cpp | ✓ | ✓ | ✓ | ✓ | |
| SUNWcqhpc | Driver for COMPAQ Hot Plug PCI Controller | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWcsd | core entries for /dev and /devices needed for the initial boot of Solaris | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWcsl | core shared libraries for a specific instruction-set architecture | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWcsr | core software for a specific instruction-set architecture | ✓ | ✓ | ✓ | ✓ | ✓ |

**TABLE 1–2** Solaris 9 8/03 (x86 Platform Edition) Operating Environment Packages    *(Continued)*

| Package | Description | Entire+OEM | Entire | Developer | End User | Core |
|---|---|:---:|:---:|:---:|:---:|:---:|
| SUNWcstl | Apptrace utility for application tracing, including shared objects | ✓ | ✓ | ✓ | | |
| SUNWcsu | core software for a specific instruction-set architecture | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWctlu | Print utilities for CTL locales | ✓ | ✓ | ✓ | ✓ | |
| SUNWctpls | This package contains the layout interface for language engines. | ✓ | ✓ | ✓ | ✓ | |
| SUNWcxmft | Simplified Chinese (EUC) X Windows Platform Required Fonts | ✓ | ✓ | ✓ | ✓ | |
| SUNWdclnt | Solaris Diskless Client Management Application | ✓ | ✓ | ✓ | | |
| SUNWdesktop-media-player-share | Desktop Media Player - platform independent files, /usr/share | ✓ | ✓ | | | |
| SUNWdesktop-media-player | Desktop Media Player - platform dependent files, /usr filesystem | ✓ | ✓ | | | |
| SUNWdfb | deprecated: empty package to be removed in a future release | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWdfbh | SunOS C/C++ header files for development of software for dumb frame buffers | ✓ | ✓ | ✓ | | |
| SUNWdhcm | Graphical management interface for the DHCP server | ✓ | ✓ | | | |
| SUNWdhcsb | Binary File Format Public module exporting Version 1 of the Service Provider Interface. Used to store DHCP data, this module has much better performance than the ASCII files and nisplus public modules. | ✓ | ✓ | | | |
| SUNWdhcsr | Root filesystem portion of the SunOS BOOTP/DHCP service, which uses the BOOT Protocol and/or Dynamic Host Configuration Protocol to provide network configuration parameters to BOOTP/DHCP clients. Adminstration utilities for the service are included. | ✓ | ✓ | | | |
| SUNWdhcsu | Usr filesystem portion of the SunOS BOOTP/DHCP service, which uses the BOOT Protocol and/or Dynamic Host Configuration Protocol to provide network configuration parameters to BOOTP/DHCP clients. Adminstration utilities for the service are included. | ✓ | ✓ | | | |
| SUNWdoc | utilities and fonts for development, display, and production of documentation such as manual pages (nroff/troff) | ✓ | ✓ | ✓ | ✓ | |
| SUNWdpl | system libraries compiled with profiling for software development performance measurement | ✓ | ✓ | ✓ | | |
| SUNWdtab | CDE Desktop Application Builder | ✓ | ✓ | ✓ | | |

**TABLE 1–2** Solaris 9 8/03 (x86 Platform Edition) Operating Environment Packages    *(Continued)*

| Package | Description | Entire+OEM | Entire | Developer | End User | Core |
|---------|-------------|:----------:|:------:|:---------:|:--------:|:----:|
| SUNWdtbas | CDE application basic runtime environment | ✓ | ✓ | ✓ | ✓ | |
| SUNWdtcor | Solaris Desktop /usr/dt filesystem anchor | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWdtct | UTF-8 Code Conversion Tool | ✓ | ✓ | ✓ | ✓ | |
| SUNWdtdem | CDE Demos | ✓ | ✓ | ✓ | | |
| SUNWdtdmn | Daemons for the common desktop environment, CDE | ✓ | ✓ | ✓ | ✓ | |
| SUNWdtdst | CDE Desktop Applications | ✓ | ✓ | ✓ | ✓ | |
| SUNWdtdte | Solaris Desktop Login Environment | ✓ | ✓ | ✓ | ✓ | |
| SUNWdtezt | Address Manager, Process Manager, File Finder, Perfmeter, Workstation Info | ✓ | ✓ | ✓ | ✓ | |
| SUNWdthe | CDE Help Runtime environment | ✓ | ✓ | ✓ | ✓ | |
| SUNWdthed | CDE Help Developer Environment | ✓ | ✓ | ✓ | | |
| SUNWdthev | CDE Help Volumes | ✓ | ✓ | ✓ | ✓ | |
| SUNWdthez | Desktop Power Pack Help Volumes | ✓ | ✓ | ✓ | ✓ | |
| SUNWdticn | Icons for the common desktop environment, CDE | ✓ | ✓ | ✓ | ✓ | |
| SUNWdtim | Solaris CDE Image Viewer | ✓ | ✓ | ✓ | ✓ | |
| SUNWdtinc | CDE Include files | ✓ | ✓ | ✓ | | |
| SUNWdtjxt | Java Extensions | ✓ | ✓ | ✓ | ✓ | |
| SUNWdtlog | System boot for Desktop Login | ✓ | ✓ | ✓ | ✓ | |
| SUNWdtma | Manual pages for the common desktop environment, CDE | ✓ | ✓ | ✓ | | |
| SUNWdtmad | Common Desktop Environment (CDE) Developer manual pages | ✓ | ✓ | ✓ | | |
| SUNWdtmaz | Manual pages for Address Manager, Process Manager, File Finder, Perfmeter, Workstation Info | ✓ | ✓ | ✓ | | |
| SUNWdtnsc | This package contains Netscape Componentization Support for CDE | ✓ | ✓ | ✓ | ✓ | |
| SUNWdtscm | CDE Dtpower Schemes | ✓ | ✓ | ✓ | ✓ | |
| SUNWdtwm | CDE Desktop Window Manager | ✓ | ✓ | ✓ | ✓ | |
| SUNWesu | additional UNIX system utilities, including awk, bc, cal, compress, diff, dos2unix, last, rup, sort, spell, sum, uniq, and uuencode | ✓ | ✓ | ✓ | ✓ | ✓ |

TABLE 1–2 Solaris 9 8/03 (x86 Platform Edition) Operating Environment Packages    *(Continued)*

| Package | Description | Entire+OEM | Entire | Developer | End User | Core |
|---|---|---|---|---|---|---|
| SUNWeuodf | American English/UTF-8 Core OPENLOOK Desktop Files | ✓ | ✓ | ✓ | ✓ | |
| SUNWeurf | European codeset fonts | ✓ | ✓ | ✓ | ✓ | |
| SUNWeuxwe | American English/UTF-8 X Window Environment | ✓ | ✓ | ✓ | ✓ | |
| SUNWfac | utilities and resources for a Form and Menu Language Interpreter (FMLI) execution environment | ✓ | ✓ | | | |
| SUNWfdl | Font Downloader for Postscript network printers | ✓ | ✓ | ✓ | ✓ | |
| SUNWfns | Federated Naming Service (XFN) - core libraries and utilities | ✓ | ✓ | ✓ | ✓ | |
| SUNWfnsx5 | Federated Naming Service (XFN) - support for X.500 Directory | ✓ | ✓ | | | |
| SUNWfreetype2 | FreeType 2.1.2 Font library | ✓ | ✓ | ✓ | ✓ | |
| SUNWfss | core software for the fair share scheduler | ✓ | ✓ | ✓ | ✓ | |
| SUNWftdur | Driver Hardening Test Harness | ✓ | ✓ | ✓ | | |
| SUNWftduu | Driver Hardening Test Harness (usr) | ✓ | ✓ | ✓ | | |
| SUNWftpr | FTP Server Configuration Files | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWftpu | FTP Server and Utilities | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWgcmn | Common GNU package | ✓ | ✓ | ✓ | ✓ | |
| SUNWggrp | ggrep - GNU grep utilities | ✓ | ✓ | ✓ | ✓ | |
| SUNWglt | Layout Table Generation Utility | ✓ | ✓ | ✓ | | |
| SUNWgnome-a11y-libs-devel-share | GNOME | ✓ | ✓ | | | |
| SUNWgnome-a11y-libs-devel | GNOME | ✓ | ✓ | | | |
| SUNWgnome-a11y-libs-share | GNOME accessibility framework - platform independent files, /usr/share | ✓ | ✓ | | | |
| SUNWgnome-a11y-libs | GNOME accessibility framework - platform dependent files, /usr filesystem | ✓ | ✓ | | | |
| SUNWgnome-audio-devel-share | GNOME audio support framework - developer files - platform independent, /usr/share | ✓ | ✓ | | | |
| SUNWgnome-audio-devel | GNOME audio support framework - developer files | ✓ | ✓ | | | |

**TABLE 1–2** Solaris 9 8/03 (x86 Platform Edition) Operating Environment Packages     *(Continued)*

| Package | Description | Entire+OEM | Entire | Developer | End User | Core |
|---|---|---|---|---|---|---|
| SUNWgnome-audio-root | GNOME audio support framework - platform dependent files, / filesystem | ✓ | ✓ | | | |
| SUNWgnome-audio-share | GNOME audio support framework - platform independent files, /usr/share | ✓ | ✓ | | | |
| SUNWgnome-audio | GNOME audio support framework - platform dependent files, /usr filesystem | ✓ | ✓ | | | |
| SUNWgnome-base-libs-devel-share | GNOME base GUI libraries - developer files - platform independent, /usr/share | ✓ | ✓ | | | |
| SUNWgnome-base-libs-devel | GNOME base GUI libraries - developer files | ✓ | ✓ | | | |
| SUNWgnome-base-libs-root | GNOME base GUI libraries - platform dependent files, / filesystem | ✓ | ✓ | | | |
| SUNWgnome-base-libs-share | GNOME base GUI libraries - platform independent files, /usr/share | ✓ | ✓ | | | |
| SUNWgnome-base-libs | GNOME base GUI libraries - platform dependent files, /usr filesystem | ✓ | ✓ | | | |
| SUNWgnome-calculator-share | GNOME calculator utility - platform independent files, /usr/share | ✓ | ✓ | | | |
| SUNWgnome-calculator | GNOME calculator utility - platform dependent files, /usr filesystem | ✓ | ✓ | | | |
| SUNWgnome-cd-root | GNOME CD player utility - platform dependent files, / filesystem | ✓ | ✓ | | | |
| SUNWgnome-cd-share | GNOME CD player utility - platform independent files, /usr/share | ✓ | ✓ | | | |
| SUNWgnome-cd | GNOME CD player utility - platform dependent files, /usr filesystem | ✓ | ✓ | | | |
| SUNWgnome-character-map-share | GNOME character map utility - platform independent files, /usr/share | ✓ | ✓ | | | |
| SUNWgnome-character-map | GNOME character map utility - platform dependent files, /usr filesystem | ✓ | ✓ | | | |
| SUNWgnome-common-devel-share | GNOME common development tools and libraries - developer files | ✓ | ✓ | | | |

**TABLE 1–2** Solaris 9 8/03 (x86 Platform Edition) Operating Environment Packages    *(Continued)*

| Package | Description | Entire+OEM | Entire | Developer | End User | Core |
|---|---|:---:|:---:|:---:|:---:|:---:|
| SUNWgnome-common-devel | GNOME common development tools and libraries - developer files | ✓ | ✓ | | | |
| SUNWgnome-component-devel-share | GNOME CORBA ORB and component framework - developer files - platform independent, /usr/share | ✓ | ✓ | | | |
| SUNWgnome-component-devel | GNOME CORBA ORB and component framework - developer files | ✓ | ✓ | | | |
| SUNWgnome-component-root | GNOME CORBA ORB and component framework - platform dependent files, / filesystem | ✓ | ✓ | | | |
| SUNWgnome-component-share | GNOME CORBA ORB and component framework - platform independent files, /usr/share | ✓ | ✓ | | | |
| SUNWgnome-component | GNOME CORBA ORB and component framework - platform dependent files, / filesystem | ✓ | ✓ | | | |
| SUNWgnome-config-devel-share | GNOME configuration framework - developer files - platform independent, /usr/share | ✓ | ✓ | | | |
| SUNWgnome-config-devel | GNOME configuration framework - developer files | ✓ | ✓ | | | |
| SUNWgnome-config-root | GNOME configuration framework - platform dependent files, / filesystem | ✓ | ✓ | | | |
| SUNWgnome-config-share | GNOME configuration framework - platform independent files, /usr/share | ✓ | ✓ | | | |
| SUNWgnome-config | GNOME configuration framework - platform dependent files, /usr filesystem | ✓ | ✓ | | | |
| SUNWgnome-desktop-prefs-root | GNOME desktop wide preference configuration tools - platform dependent files, / filesystem | ✓ | ✓ | | | |
| SUNWgnome-desktop-prefs-share | GNOME desktop wide preference configuration tools - platform independent files, /usr/share | ✓ | ✓ | | | |
| SUNWgnome-desktop-prefs | GNOME desktop wide preference configuration tools - platform dependent files, /usr filesystem | ✓ | ✓ | | | |
| SUNWgnome-dtlogin-integration | dtlogin configuration files for the GNOME desktop - platform dependent files, /usr filesystem | ✓ | ✓ | | | |
| SUNWgnome-file-mgr-root | GNOME file manager and support libraries - platform dependent files, / filesystem | ✓ | ✓ | | | |

**TABLE 1–2** Solaris 9 8/03 (x86 Platform Edition) Operating Environment Packages  *(Continued)*

| Package | Description | Entire+OEM | Entire | Developer | End User | Core |
|---|---|:---:|:---:|:---:|:---:|:---:|
| SUNWgnome-file-mgr-share | GNOME file manager and support libraries - platform independent files, /usr/share | ✓ | ✓ | | | |
| SUNWgnome-file-mgr | GNOME file manager and support libraries - platform dependent files, /usr filesystem | ✓ | ✓ | | | |
| SUNWgnome-freedb-libs-root | GNOME free CD database access library - platform dependent files, / filesystem | ✓ | ✓ | | | |
| SUNWgnome-freedb-libs-share | GNOME free CD database access library - platform independent files, /usr/share | ✓ | ✓ | | | |
| SUNWgnome-freedb-libs | GNOME free CD database access library - platform dependent files, /usr filesystem | ✓ | ✓ | | | |
| SUNWgnome-fun-applets-root | GNOME panel applets - amusements - platform dependent files, / filesystem | ✓ | ✓ | | | |
| SUNWgnome-fun-applets-share | GNOME panel applets - amusements - platform independent files, /usr/share | ✓ | ✓ | | | |
| SUNWgnome-fun-applets | GNOME panel applets - amusements - platform dependent files, /usr filesystem | ✓ | ✓ | | | |
| SUNWgnome-games-root | GNOME games - platform dependent files, / filesystem | ✓ | ✓ | | | |
| SUNWgnome-games-share | GNOME games - platform independent files, /usr/share | ✓ | ✓ | | | |
| SUNWgnome-games | GNOME games | ✓ | ✓ | | | |
| SUNWgnome-help-db | GNOME help data base - /var filesystem | ✓ | ✓ | | | |
| SUNWgnome-help-viewer-share | GNOME help system - platform independent files, /usr/share | ✓ | ✓ | | | |
| SUNWgnome-help-viewer | GNOME help system - platform dependent files, /usr filesystem | ✓ | ✓ | | | |
| SUNWgnome-hex-editor-root | GNOME hex editor - platform dependent files, / filesystem | ✓ | ✓ | | | |
| SUNWgnome-hex-editor-share | GNOME hex editor - platform dependent files, /usr filesystem | ✓ | ✓ | | | |
| SUNWgnome-hex-editor | GNOME hex editor - platform dependent files, /usr filesystem | ✓ | ✓ | | | |

| Package | Description | Entire+OEM | Entire | Developer | End User | Core |
|---------|-------------|:----------:|:------:|:---------:|:--------:|:----:|
| SUNWgnome-image-viewer-root | GNOME image viewer - platform dependent files, / filesystem | ✓ | ✓ | | | |
| SUNWgnome-image-viewer-share | GNOME image viewer - platform independent files, /usr/share | ✓ | ✓ | | | |
| SUNWgnome-image-viewer | GNOME image viewer - platform dependent files, /usr filesystem | ✓ | ✓ | | | |
| SUNWgnome-intranet-applets-root | GNOME panel applets - intranet | ✓ | ✓ | | | |
| SUNWgnome-intranet-applets-share | GNOME panel applets - intranet - platform independent files, /usr/share | ✓ | ✓ | | | |
| SUNWgnome-libs-devel-share | GNOME libraries - developer files - platform independent, /usr/share | ✓ | ✓ | | | |
| SUNWgnome-libs-devel | GNOME libraries - developer files | ✓ | ✓ | | | |
| SUNWgnome-libs-root | GNOME libraries - platform dependent files, / filesystem | ✓ | ✓ | | | |
| SUNWgnome-libs-share | GNOME libraries - platform independent files, /usr/share | ✓ | ✓ | | | |
| SUNWgnome-libs | GNOME libraries - platform dependent files, /usr filesystem | ✓ | ✓ | | | |
| SUNWgnome-mm-applets-root | GNOME panel applets - multimedia - platform dependent files, / filesystem | ✓ | ✓ | | | |
| SUNWgnome-mm-applets-share | GNOME panel applets - multimedia - platform independent files, /usr/share | ✓ | ✓ | | | |
| SUNWgnome-mm-applets | GNOME panel applets - multimedia - platform dependent files, /usr filesystem | ✓ | ✓ | | | |
| SUNWgnome-panel-devel-share | GNOME panel and support libraries - developer files - platform independent, /usr/share | ✓ | ✓ | | | |
| SUNWgnome-panel-devel | GNOME panel and support libraries - developer files | ✓ | ✓ | | | |
| SUNWgnome-panel-root | GNOME panel and support libraries - platform dependent files, / filesystem | ✓ | ✓ | | | |
| SUNWgnome-panel-share | GNOME panel and support libraries - platform independent files, /usr/share | ✓ | ✓ | | | |

**TABLE 1–2** Solaris 9 8/03 (x86 Platform Edition) Operating Environment Packages     *(Continued)*

| Package | Description | Entire+OEM | Entire | Developer | End User | Core |
|---------|-------------|:----------:|:------:|:---------:|:--------:|:----:|
| SUNWgnome-panel | GNOME panel and support libraries - platform dependent files, /usr filesystem | ✓ | ✓ | | | |
| SUNWgnome-perf-meter-root | GNOME performance meter - platform dependent files, / filesystem | ✓ | ✓ | | | |
| SUNWgnome-perf-meter-share | GNOME performance meter - platform independent files, /usr/share | ✓ | ✓ | | | |
| SUNWgnome-perf-meter | GNOME performance meter - platform dependent files, /usr filesystem | ✓ | ✓ | | | |
| SUNWgnome-print-devel | GNOME printing technology - developer files | ✓ | ✓ | | | |
| SUNWgnome-print-root | GNOME printing technology - platform dependent files, / filesystem | ✓ | ✓ | | | |
| SUNWgnome-print-share | GNOME printing technology - platform independent files, /usr/share | ✓ | ✓ | | | |
| SUNWgnome-print | GNOME printing technology - platform dependent files, /usr filesystem | ✓ | ✓ | | | |
| SUNWgnome-ps-viewer-root | GNOME post script viewer - platform dependent files, / filesystem | ✓ | ✓ | | | |
| SUNWgnome-ps-viewer-share | GNOME post script viewer - platform independent files, /usr/share | ✓ | ✓ | | | |
| SUNWgnome-ps-viewer | GNOME postscript viewer - platform dependent files, /usr filesystem | ✓ | ✓ | | | |
| SUNWgnome-removable-media-share | GNOME removable media support - platform independent files, /usr/share | ✓ | ✓ | | | |
| SUNWgnome-removable-media | GNOME removable media support - platform dependent files, /usr filesystem | ✓ | ✓ | | | |
| SUNWgnome-search-tool-share | GNOME file search tool - platform independent files, /usr/share | ✓ | ✓ | | | |
| SUNWgnome-search-tool | GNOME file search tool - platform dependent files, /usr filesystem | ✓ | ✓ | | | |
| SUNWgnome-session-root | GNOME session manager - platform dependent files, / filesystem | ✓ | ✓ | | | |

| Package | Description | Entire+OEM | Entire | Developer | End User | Core |
|---|---|:---:|:---:|:---:|:---:|:---:|
| SUNWgnome-session-share | GNOME session manager - platform independent files, /usr/share | ✓ | ✓ | | | |
| SUNWgnome-session | GNOME session manager - platform dependent files, /usr filesystem | ✓ | ✓ | | | |
| SUNWgnome-sound-recorder-root | GNOME sound recording utilities - platform dependent files, / filesystem | ✓ | ✓ | | | |
| SUNWgnome-sound-recorder-share | GNOME sound recording utilities - platform independent files, /usr/share | ✓ | ✓ | | | |
| SUNWgnome-sound-recorder | GNOME sound recording utilities - platform dependent files, /usr filesystem | ✓ | ✓ | | | |
| SUNWgnome-terminal-root | GNOME terminal emulator - platform dependent files, / filesystem | ✓ | ✓ | | | |
| SUNWgnome-terminal-share | GNOME terminal emulator - platform independent files, /usr/share | ✓ | ✓ | | | |
| SUNWgnome-terminal | GNOME terminal emulator - platform dependent files, /usr filesystem | ✓ | ✓ | | | |
| SUNWgnome-text-editor-root | GNOME text editor - platform dependent files, / filesystem | ✓ | ✓ | | | |
| SUNWgnome-text-editor-share | GNOME text editor - platform independent files, /usr/share | ✓ | ✓ | | | |
| SUNWgnome-text-editor | GNOME text editor - platform dependent files, /usr filesystem | ✓ | ✓ | | | |
| SUNWgnome-themes-share | GNOME themes and support libraries - platform independent files, /usr/share | ✓ | ✓ | | | |
| SUNWgnome-themes | GNOME themes and support libraries - platform dependent files, /usr filesystem | ✓ | ✓ | | | |
| SUNWgnome-ui-designer-share | GNOME GUI wysiwyg designer - platform independent files, /usr/share | ✓ | ✓ | | | |
| SUNWgnome-ui-designer | GNOME GUI wysiwyg designer - platform dependent files, /usr filesystem | ✓ | ✓ | | | |
| SUNWgnome-user-docs | GNOME user documentation - platform independent files, /usr/share | ✓ | ✓ | | | |

**TABLE 1–2** Solaris 9 8/03 (x86 Platform Edition) Operating Environment Packages      *(Continued)*

| Package | Description | Entire+OEM | Entire | Developer | End User | Core |
|---|---|---|---|---|---|---|
| SUNWgnome-utility-applets-root | GNOME panel applets - utility - root files | ✓ | ✓ | | | |
| SUNWgnome-utility-applets-share | GNOME panel applets - utility - platform independent files, /usr/share | ✓ | ✓ | | | |
| SUNWgnome-utility-applets | GNOME panel applets - utility - platform dependent files, /usr filesystem | ✓ | ✓ | | | |
| SUNWgnome-vfs-devel-share | GNOME Virtual File System Framework and application/MIME type registry - developer files - platform independent, /usr/share | ✓ | ✓ | | | |
| SUNWgnome-vfs-devel | GNOME Virtual File System Framework and application/MIME type registry - developer files | ✓ | ✓ | | | |
| SUNWgnome-vfs-root | GNOME Virtual File System Framework and application/MIME type registry - platform dependent files, / filesystem | ✓ | ✓ | | | |
| SUNWgnome-vfs-share | GNOME Virtual File System Framework and application/MIME type registry - platform independent files, /usr/share | ✓ | ✓ | | | |
| SUNWgnome-vfs | GNOME Virtual File System Framework and application/MIME type registry - platform dependent files, /usr filesystem | ✓ | ✓ | | | |
| SUNWgnome-wm-root | GNOME window manager - platform dependent files, / filesystem | ✓ | ✓ | | | |
| SUNWgnome-wm-share | GNOME window manager - platform independent files, /usr/share | ✓ | ✓ | | | |
| SUNWgnome-wm | GNOME window manager - platform dependent files, /usr filesystem | ✓ | ✓ | | | |
| SUNWgnome-xml-root | GNOME XML catalogs - platform dependent files, / filesystem | ✓ | ✓ | | | |
| SUNWgnome-xml-share | GNOME XML stylesheets - platform independent files, /usr/share | ✓ | ✓ | | | |
| SUNWgpch | The GNU Patch utility | ✓ | ✓ | | | |
| SUNWgscr | GNU Ghostscript | ✓ | ✓ | ✓ | ✓ | |
| SUNWgsfot | GNU Ghostscript Fonts (Other) | ✓ | ✓ | ✓ | ✓ | |
| SUNWgsfst | GNU Ghostscript Fonts (Standard) | ✓ | ✓ | ✓ | ✓ | |
| SUNWgss | Generic Security Service Application Program Interface, Version 2 - user | ✓ | ✓ | ✓ | ✓ | |

| Package | Description | Entire+OEM | Entire | Developer | End User | Core |
|---------|-------------|:----------:|:------:|:---------:|:--------:|:----:|
| SUNWgssc | Generic Security Service Application Program Interface, Version 2 - config | ✓ | ✓ | ✓ | ✓ | |
| SUNWgssdh | GSS-API mechanism libraries for NIS+ extended Diffie-Hellman | ✓ | ✓ | ✓ | ✓ | |
| SUNWgssk | Generic Security Service Application Program Interface, Version 2 - kernel | ✓ | ✓ | ✓ | ✓ | |
| SUNWgtar | GNU tar - A utility used to store, backup, and transport files (gtar) | ✓ | ✓ | ✓ | ✓ | |
| SUNWgzip | The GNU Zip (gzip) compression utility | ✓ | ✓ | ✓ | ✓ | |
| SUNWhea | SunOS C/C++ header files for general development of software | ✓ | ✓ | ✓ | | |
| SUNWhiu8 | Traditional Chinese iconv modules for UTF-8 | ✓ | ✓ | ✓ | ✓ | |
| SUNWi13rf | X11 fonts for ISO-8859-13 character set (required fonts) | ✓ | ✓ | ✓ | ✓ | |
| SUNWi15rf | X11 fonts for ISO-8859-15 character set (required fonts) | ✓ | ✓ | ✓ | ✓ | |
| SUNWi1of | ISO-8859-1 (Latin-1) Optional Fonts | ✓ | ✓ | ✓ | ✓ | |
| SUNWi2rf | X11 fonts for ISO-8859-2 character set (required fonts) | ✓ | ✓ | ✓ | ✓ | |
| SUNWi4rf | X11 fonts for ISO-8859-4 character set (required fonts) | ✓ | ✓ | ✓ | ✓ | |
| SUNWi5rf | X11 fonts for ISO-8859-5 character set (required fonts) | ✓ | ✓ | ✓ | ✓ | |
| SUNWi7rf | X11 fonts for ISO-8859-7 character set (required fonts) | ✓ | ✓ | ✓ | ✓ | |
| SUNWi8rf | X11 fonts for iso8859-8 character set (required fonts) | ✓ | ✓ | ✓ | ✓ | |
| SUNWi9rf | X11 fonts for ISO-8859-9 character set (required fonts) | ✓ | ✓ | ✓ | ✓ | |
| SUNWicu | International Components for Unicode User Files | ✓ | ✓ | ✓ | ✓ | |
| SUNWicud | International Components for Unicode Developer Files | ✓ | ✓ | ✓ | | |
| SUNWinamd | Internet Domain Name Server | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWiniu8 | Indic UTF-8 iconv modules for UTF-8 | ✓ | ✓ | ✓ | ✓ | |
| SUNWinst | Sun installation software | ✓ | ✓ | ✓ | ✓ | |
| SUNWintgige | Intel(R) PRO/1000 Server Adapter Driver | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWipc | utilities to monitor or remove messages, semaphores, or shared memory for interprocess communication | ✓ | ✓ | ✓ | ✓ | |
| SUNWiqdoc | Sun ONE Message Queue Javadoc and Examples | ✓ | ✓ | | | |
| SUNWiqfs | Sun ONE Message Queue JNDI FS Provider | ✓ | ✓ | | | |

| Package | Description | Entire+OEM | Entire | Developer | End User | Core |
|---------|-------------|:----------:|:------:|:---------:|:--------:|:----:|
| SUNWiqjx | Sun ONE Message Queue JAXM Client Runtime Package | ✓ | ✓ | | | |
| SUNWiqr | Sun ONE Message Queue Root Package | ✓ | ✓ | | | |
| SUNWiqu | Sun ONE Message Queue /usr Package | ✓ | ✓ | | | |
| SUNWiquc | Sun ONE Message Queue Client Runtime Package | ✓ | ✓ | | | |
| SUNWiqum | Sun ONE Message Queue JMS/SOAP Msg Transformer Runtime | ✓ | ✓ | | | |
| SUNWislcc | XSH4 conversion for Eastern European locales | ✓ | ✓ | ✓ | ✓ | |
| SUNWisolc | XSH4 conversion for ISO Latin character sets | ✓ | ✓ | ✓ | ✓ | |
| SUNWj2dem | Demonstration applications and applets | ✓ | ✓ | ✓ | | |
| SUNWj2man | man pages | ✓ | ✓ | ✓ | | |
| SUNWj2pi | This package contains configuration files for Java Plug-in 1.2.2 | ✓ | ✓ | ✓ | ✓ | |
| SUNWj2rt | Java virtual machine and core class libraries | ✓ | ✓ | ✓ | | |
| SUNWj3dev | Tools and utilities including javac, jdb, javadoc, rmiregistry | ✓ | ✓ | ✓ | | |
| SUNWj3dmo | Demonstration applications and applets | ✓ | ✓ | ✓ | | |
| SUNWj3irt | JDK 1.4 I18N run time environment | ✓ | ✓ | ✓ | ✓ | |
| SUNWj3man | man pages | ✓ | ✓ | ✓ | | |
| SUNWj3rt | Java virtual machine and core class libraries | ✓ | ✓ | ✓ | ✓ | |
| SUNWjaf | Java Activation Framework | ✓ | ✓ | | | |
| SUNWjhdem | JavaHelp graphical help demos | ✓ | ✓ | ✓ | | |
| SUNWjhdev | JavaHelp graphical help developers toolkit" | ✓ | ✓ | ✓ | | |
| SUNWjhdoc | JavaHelp graphical help documentation | ✓ | ✓ | ✓ | | |
| SUNWjhrt | JavaHelp graphical help runtime | ✓ | ✓ | ✓ | | |
| SUNWjiu8 | Japanese iconv modules for conversion between UTF-8 and other Japanese codesets | ✓ | ✓ | ✓ | ✓ | |
| SUNWjmail | Java Mail Runtime | ✓ | ✓ | | | |
| SUNWjmfp | JMF player | ✓ | ✓ | ✓ | ✓ | |
| SUNWjpg | The Independent JPEG Groups JPEG software | ✓ | ✓ | ✓ | ✓ | |
| SUNWjsnmp | Solaris Java SNMP API | ✓ | ✓ | ✓ | ✓ | |

| Package | Description | Entire+OEM | Entire | Developer | End User | Core |
|---------|-------------|:----------:|:------:|:---------:|:--------:|:----:|
| SUNWjxmft | Japanese {Sun,HG,RICOH} Gothic Medium Bitmap Fonts | ✓ | ✓ | ✓ | ✓ | |
| SUNWkcspf | Kodak Color Management System Runtime | ✓ | ✓ | ✓ | | |
| SUNWkcspg | Kodak Color Management System Runtime Demos | ✓ | ✓ | ✓ | | |
| SUNWkcsrl | Kodak Color Management System Runtime Library Support | ✓ | ✓ | ✓ | | |
| SUNWkcsrr | Kodak Color Management System Runtime Profiles | ✓ | ✓ | ✓ | | |
| SUNWkcsrt | Kodak Color Management System Runtime | ✓ | ✓ | ✓ | | |
| SUNWkdcr | Kerberos V5 KDC (root) | ✓ | ✓ | | | |
| SUNWkdcu | Kerberos V5 Master KDC (user) | ✓ | ✓ | | | |
| SUNWkey | Configuration tables that specify keyboard attributes such as localized meanings for individual keys | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWkiu8 | Korean UTF-8 iconv modules for UTF-8 | ✓ | ✓ | ✓ | ✓ | |
| SUNWkoi8f | X11 fonts for KOI8-R character set | ✓ | ✓ | ✓ | ✓ | |
| SUNWkrbr | Kerberos version 5 support (Root) | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWkrbu | Kerberos version 5 support (Usr) | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWkvm | core software for a specific hardware platform group | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWkxmft | Korean UTF-8 X Windows Platform Required Fonts | ✓ | ✓ | ✓ | ✓ | |
| SUNWlccom | localization common files | ✓ | ✓ | ✓ | ✓ | |
| SUNWlcl | Locale Conversion Library | ✓ | ✓ | ✓ | ✓ | |
| SUNWless | The GNU pager (less) | ✓ | ✓ | | | |
| SUNWlibC | Sun Workshop Compilers Bundled libC | ✓ | ✓ | ✓ | ✓ | |
| SUNWlibCf | SunSoft WorkShop Bundled libC (cfront version) | ✓ | ✓ | ✓ | ✓ | |
| SUNWlibm | Forte Developer Bundled libm | ✓ | ✓ | ✓ | | |
| SUNWlibms | Forte Developer Bundled shared libm | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWlibpopt-share | command line parsing library - platform independent files, /usr/share | ✓ | ✓ | | | |
| SUNWlibpopt | command line parsing library | ✓ | ✓ | | | |
| SUNWllc | LLC2 driver implementing IEEE 802.2 Logical Link Control 2 service | ✓ | ✓ | ✓ | ✓ | |

**TABLE 1–2** Solaris 9 8/03 (x86 Platform Edition) Operating Environment Packages *(Continued)*

| Package | Description | Entire+OEM | Entire | Developer | End User | Core |
|---------|-------------|:----------:|:------:|:---------:|:--------:|:----:|
| SUNWllcr | The configuration and startup files for llc2 driver | ✓ | ✓ | ✓ | ✓ | |
| SUNWlldap | Ldap libraries in for software development of dynamically linked executables | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWloc | localization utilities and C locale (POSIX default) definitions | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWlpmsg | ToolTalk programs for passing printer alerts. | ✓ | ✓ | ✓ | ✓ | |
| SUNWlur | Live Upgrade (root) | ✓ | ✓ | ✓ | | |
| SUNWluu | Live Upgrade (usr) | ✓ | ✓ | ✓ | | |
| SUNWlvma | Solaris Volume Management APIs | ✓ | ✓ | ✓ | | |
| SUNWlvmg | Solaris Volume Management Application | ✓ | ✓ | ✓ | | |
| SUNWlvmr | Solaris Volume Management (root) | ✓ | ✓ | ✓ | | |
| SUNWlxml | The XML library (libxml2-2.4.23) | ✓ | ✓ | ✓ | ✓ | |
| SUNWlxsl | The XSLT library (libxslt-1.0.19) | ✓ | ✓ | ✓ | ✓ | |
| SUNWman | System Reference Manual Pages | ✓ | ✓ | ✓ | | |
| SUNWmc | This package contains the client and server components of the Solaris Management Console | ✓ | ✓ | ✓ | | |
| SUNWmcc | This package contains the client components of the Solaris Management Console | ✓ | ✓ | ✓ | | |
| SUNWmccom | This package contains the common components of the Solaris Management Console | ✓ | ✓ | ✓ | | |
| SUNWmcdev | This package contains the software development kit for the Solaris Management Console | ✓ | ✓ | ✓ | | |
| SUNWmcex | This package contains example applications for the Solaris Management Console. | ✓ | ✓ | ✓ | | |
| SUNWmdb | Modular Debugger (MDB) | ✓ | ✓ | ✓ | | |
| SUNWmdbdm | Modular Debugger (MDB) demonstration modules and source code | ✓ | ✓ | ✓ | | |
| SUNWmddr | reconfiguration coordination manager module for SVM | ✓ | ✓ | ✓ | | |
| SUNWmdr | Solaris Volume Manager driver | ✓ | ✓ | ✓ | ✓ | |
| SUNWmdu | Solaris Volume Manager commands | ✓ | ✓ | ✓ | ✓ | |

**TABLE 1–2** Solaris 9 8/03 (x86 Platform Edition) Operating Environment Packages     *(Continued)*

| Package | Description | Entire+OEM | Entire | Developer | End User | Core |
|---------|-------------|:---:|:---:|:---:|:---:|:---:|
| SUNWmfdev | Motif UIL compiler | ✓ | ✓ | ✓ | | |
| SUNWmfman | CDE Motif Manuals | ✓ | ✓ | ✓ | | |
| SUNWmfrun | Motif 2.1 libraries, headers, xmbind and bindings | ✓ | ✓ | ✓ | ✓ | |
| SUNWmga | Solaris Management Applications | ✓ | ✓ | ✓ | | |
| SUNWmgapp | WBEM Management Applications | ✓ | ✓ | ✓ | ✓ | |
| SUNWmibii | Solstice Enterprise Agents 1.0.3 snmp daemon | ✓ | ✓ | ✓ | ✓ | |
| SUNWmipr | Mobile-IP configuration and startup scripts | ✓ | ✓ | | | |
| SUNWmipu | Mobile-IP daemon and utilities | ✓ | ✓ | | | |
| SUNWmkcd | CD creation utilities | ✓ | ✓ | ✓ | | |
| SUNWmlx | Mylex DAC960 Family of RAID devices | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWmp | MP Print Filter | ✓ | ✓ | ✓ | ✓ | |
| SUNWncar | core components to enable the network cache and accelerator | ✓ | ✓ | | | |
| SUNWncau | components to enable the network cache and accelerator | ✓ | ✓ | | | |
| SUNWncft | NcFTP ncftp - File Transfer Protocol(FTP) | ✓ | ✓ | | | |
| SUNWnfscr | Network File System (NFS) client support (Root) | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWnfscu | Network File System (NFS) client support (Usr) | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWnfssr | Network File System (NFS) server support (Root) | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWnfssu | Network File System (NFS) server support (Usr) | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWnisr | configuration files and directories for the Network Information System (NIS and NIS+) | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWnisu | utilities for the Network Information System (NIS and NIS+) | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWnsb | Netscape 7 for Solaris | ✓ | ✓ | ✓ | ✓ | |
| SUNWnsm | Netscape 7 for Solaris | ✓ | ✓ | ✓ | ✓ | |
| SUNWnspsm | Netscape 7 for Solaris | ✓ | ✓ | ✓ | ✓ | |
| SUNWnsxp | Netscape 7 for Solaris | ✓ | ✓ | ✓ | ✓ | |
| SUNWntpr | Network Time Protocol v3, NTP Daemon and Utilities (xntpd) | ✓ | ✓ | ✓ | ✓ | |
| SUNWntpu | Network Time Protocol v3, NTP Daemon and Utilities (xntpd) | ✓ | ✓ | ✓ | ✓ | |

| Package | Description | Entire+OEM | Entire | Developer | End User | Core |
|---|---|:---:|:---:|:---:|:---:|:---:|
| SUNWocf | Open Card Framework - core libraries and utilities | ✓ | ✓ | ✓ | ✓ | |
| SUNWocfd | Open Card Framework - Javadoc for SCF Java APIs | ✓ | ✓ | ✓ | | |
| SUNWocfh | Open Card Framework - header files | ✓ | ✓ | ✓ | | |
| SUNWocfr | Open Card Framework - configuration files | ✓ | ✓ | ✓ | ✓ | |
| SUNWolrte | OPEN LOOK toolkits runtime environment | ✓ | ✓ | ✓ | ✓ | |
| SUNWopl5m | Perl 5.005_03 Reference Manual Pages | ✓ | ✓ | ✓ | | |
| SUNWopl5p | POD documentation for Perl 5 programming language | ✓ | ✓ | ✓ | | |
| SUNWopl5u | Perl 5.005_03 programming language | ✓ | ✓ | ✓ | ✓ | |
| SUNWos86r | Platform Support, OS Functionality (Root) | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWosdem | Source code to demonstrate the use of OS interfaces: ELF | ✓ | ✓ | ✓ | | |
| SUNWpamsc | Pluggable Authentication Module for Smart Card Authentication | ✓ | ✓ | ✓ | ✓ | |
| SUNWpcelx | 3COM EtherLink III PCMCIA Ethernet Driver | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWpcmci | kernel modules and start-up files for PCMCIA card services | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWpcmcu | daemon providing PCMCIA card services | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWpcmem | PCMCIA memory card driver | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWpcr | client configuration files and utilities for the print service | ✓ | ✓ | ✓ | ✓ | |
| SUNWpcser | PCMCIA serial card driver | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWpcu | client configuration files and utilities for the print service | ✓ | ✓ | ✓ | ✓ | |
| SUNWpdas | Tools to synchronize desktop applications with the Palm Pilot PDA | ✓ | ✓ | ✓ | ✓ | |
| SUNWpe10 | Xircom parallel port ethernet adaptor | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWphx | Solaris interface for phx | ✓ | | | | |
| SUNWpiclh | PICL Header Files | ✓ | ✓ | ✓ | | |
| SUNWpiclr | PICL Framework init scripts | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWpiclu | PICL Daemon, Libraries, prtpicl client and plug-in modules | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWpl5m | Perl 5.6.1 Reference Manual Pages | ✓ | ✓ | ✓ | | |
| SUNWpl5p | POD documentation for Perl 5.6.1 programming language | ✓ | ✓ | ✓ | | |
| SUNWpl5u | Perl 5.6.1 programming language (core) | ✓ | ✓ | ✓ | ✓ | ✓ |

| Package | Description | Entire+OEM | Entire | Developer | End User | Core |
|---------|-------------|:----------:|:------:|:---------:|:--------:|:----:|
| SUNWpl5v | Perl 5.6.1 programming language (non-core) | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWplowr | Root pkg which delivers script for upgrades. | ✓ | ✓ | ✓ | ✓ | |
| SUNWpmgr | Solaris Patch Management Applications | ✓ | ✓ | ✓ | | |
| SUNWpmi | X Server x86 VESA PMI files | ✓ | ✓ | ✓ | ✓ | |
| SUNWpmowm | Power Management OW Utilities Man Pages | ✓ | ✓ | ✓ | | |
| SUNWpmowr | Power Management OW Utilities, (Root) | ✓ | ✓ | ✓ | ✓ | |
| SUNWpmowu | Power Management OW Utilities, (Root) | ✓ | ✓ | ✓ | ✓ | |
| SUNWpmr | Power Management config file and rc script | ✓ | ✓ | ✓ | ✓ | |
| SUNWpmu | Power Management binaries | ✓ | ✓ | ✓ | ✓ | |
| SUNWpng | Portable Network Graphics Reference Library | ✓ | ✓ | ✓ | ✓ | |
| SUNWpool | core software for resource pools | ✓ | ✓ | ✓ | ✓ | |
| SUNWppm | Graphical tool for managing printers under Solaris. | ✓ | ✓ | ✓ | ✓ | |
| SUNWpppd | Device drivers implementing point-to-point protocol (PPP) | ✓ | ✓ | | | |
| SUNWpppdr | Configuration files for Solaris Point-to-Point Protocol (PPP) | ✓ | ✓ | | | |
| SUNWpppdt | Extensions implementing PPP tunneling protocols | ✓ | ✓ | | | |
| SUNWpppdu | Daemon and utilities for Point-to-Point Protocol (PPP) | ✓ | ✓ | | | |
| SUNWpppg | Optional GNU utilities for use with PPP | ✓ | ✓ | | | |
| SUNWpsdcr | Platform Support, Bus-independent Device Drivers, (Root) | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWpsdir | Platform Support, ISA Bus Device Drivers, (Root) | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWpsdpr | PCMCIA ATA card driver | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWpsf | client configuration files and utilities for the print service | ✓ | ✓ | ✓ | ✓ | |
| SUNWpsh | SunOS C/C++ header files for development of software for device drivers specific to bus and platform | ✓ | ✓ | ✓ | | |
| SUNWpsr | configuration and start-up files for the print service | ✓ | ✓ | ✓ | ✓ | |
| SUNWpsu | client configuration files and utilities for the print service | ✓ | ✓ | ✓ | ✓ | |
| SUNWqos | Solaris IP Quality of Service (Root) | ✓ | ✓ | ✓ | ✓ | |
| SUNWqosu | Solaris IP Quality of Service (Usr) | ✓ | ✓ | ✓ | ✓ | |

**TABLE 1–2** Solaris 9 8/03 (x86 Platform Edition) Operating Environment Packages    *(Continued)*

| Package | Description | Entire+OEM | Entire | Developer | End User | Core |
|---------|-------------|:----------:|:------:|:---------:|:--------:|:----:|
| SUNWradpu320 | Adaptec 7902 SCSI Realmode Driver | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWrcmdc | Remote Network Client Commands (rsh, rlogin, rcp, rsh, ...) | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWrcmdr | Remote Network Server Commands (Root) | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWrcmds | Remote Network Server Commands (includes finger, talk, rwho commands) | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWrmodr | Realmode Modules, (Root) | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWrmodu | Realmode Modules, (Usr) | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWrmui | Resource Management for Solaris | ✓ | ✓ | ✓ | | |
| SUNWrmwbr | Resource Management for Solaris | ✓ | ✓ | ✓ | ✓ | |
| SUNWrmwbu | Resource Management for Solaris | ✓ | ✓ | ✓ | ✓ | |
| SUNWroute | Network Routing daemons/commands (Usr) | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWrpm | Utilities for processing RPM archives | ✓ | ✓ | | | |
| SUNWrsg | GSS-API services for ONC RPC | ✓ | ✓ | ✓ | ✓ | |
| SUNWrsgk | kernel GSS-API services for ONC RPC | ✓ | ✓ | ✓ | ✓ | |
| SUNWrsm | Remote Shared Memory API Library, Driver | ✓ | ✓ | ✓ | | |
| SUNWrsmo | Support for network specific implementations of RSMPI | ✓ | ✓ | ✓ | | |
| SUNWsacom | Solstice Enterprise Agents 1.0.3 files for root file system | ✓ | ✓ | ✓ | ✓ | |
| SUNWsadmi | Solstice Enterprise Agents 1.0.3 Desktop Management Interface | ✓ | ✓ | ✓ | ✓ | |
| SUNWsadml | Solstice launcher and associated libraries. | ✓ | ✓ | | | |
| SUNWsasnm | Solstice Enterprise Agents 1.0.3 Simple Network Management Protocol | ✓ | ✓ | ✓ | ✓ | |
| SUNWscgui | Solaris Smart Card Administration - Graphical User Interface component | ✓ | ✓ | ✓ | ✓ | |
| SUNWscplp | print utilities for user interface and source build compatibility with SunOS 4.x | ✓ | ✓ | ✓ | ✓ | |
| SUNWscpr | utilities for user interface and source build compatibility with SunOS 4.x | ✓ | ✓ | ✓ | ✓ | |
| SUNWscpu | utilities for user interface and source build compatibility with SunOS 4.x | ✓ | ✓ | ✓ | ✓ | |

| Package | Description | Entire+OEM | Entire | Developer | End User | Core |
|---------|-------------|:----------:|:------:|:---------:|:--------:|:----:|
| SUNWsfdoc | GNU and open source documentation | ✓ | ✓ | ✓ | | |
| SUNWsfinf | GNU and open source info pages | ✓ | ✓ | ✓ | | |
| SUNWsfman | GNU and open source man pages | ✓ | ✓ | ✓ | | |
| SUNWslpr | Root filesystem portion of the Service Location Protocol (SLP) framework. Includes the SLP configuration file and start scripts for the SLP daemon. | ✓ | ✓ | ✓ | ✓ | |
| SUNWslpu | Usr filesystem portion of the Service Location Protocol (SLP) framework. Included are C and Java developer libraries and a daemon which can act as a directory agent (DA). | ✓ | ✓ | ✓ | ✓ | |
| SUNWsmbac | samba - A Windows SMB/CIFS fileserver for UNIX (client) | ✓ | ✓ | ✓ | ✓ | |
| SUNWsmbar | samba - A Windows SMB/CIFS fileserver for UNIX (Root) | ✓ | ✓ | ✓ | ✓ | |
| SUNWsmbau | samba - A Windows SMB/CIFS fileserver for UNIX (Usr) | ✓ | ✓ | | | |
| SUNWsndmr | sendmail root | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWsndmu | sendmail user | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWsolnm | Enable Solaris Name in /etc/release file | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWspl | Spell Checking Engine - Base Release (English) | ✓ | ✓ | ✓ | ✓ | |
| SUNWsprot | Solaris Bundled tools | ✓ | ✓ | ✓ | | |
| SUNWsra | libraries in archive (ar) format for source build compatibility with SunOS 4.x | ✓ | ✓ | ✓ | | |
| SUNWsregu | Solaris User Registration prompts at desktop login for user registration information. | ✓ | ✓ | ✓ | ✓ | |
| SUNWsrh | SunOS C/C++ header files for source build compatibility with SunOS 4.x | ✓ | ✓ | ✓ | | |
| SUNWsshcu | Secure Shell protocol common Utilities | ✓ | ✓ | ✓ | ✓ | |
| SUNWsshdr | Secure Shell protocol Server | ✓ | ✓ | ✓ | ✓ | |
| SUNWsshdu | Secure Shell protocol Server | ✓ | ✓ | ✓ | ✓ | |
| SUNWsshr | Secure Shell protocol Client and associated Utilities | ✓ | ✓ | ✓ | ✓ | |
| SUNWsshu | Secure Shell protocol Client and associated Utilities | ✓ | ✓ | ✓ | ✓ | |
| SUNWsutl | statically linked utilities for system disaster recovery | ✓ | ✓ | | | |

TABLE 1–2 Solaris 9 8/03 (x86 Platform Edition) Operating Environment Packages     *(Continued)*

| Package | Description | Entire+OEM | Entire | Developer | End User | Core |
|---------|-------------|:---:|:---:|:---:|:---:|:---:|
| SUNWswmt | Solaris 2.x Install and Patch Utilities | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWtcatr | Tomcat Servlet/JSP Container (root) | ✓ | ✓ | | | |
| SUNWtcatu | Tomcat Servlet/JSP Container | ✓ | ✓ | | | |
| SUNWtcpd | tcpd - access control facility for internet services | ✓ | ✓ | | | |
| SUNWtcsh | Tenex C-shell (tcsh) | ✓ | ✓ | | | |
| SUNWter | extensive terminfo database entries describing capabilities of terminals and pseudoterminals | ✓ | ✓ | ✓ | | |
| SUNWtexi | GNU texinfo (texinfo) | ✓ | ✓ | ✓ | | |
| SUNWtftp | Trivial File Transfer Server | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWtftpr | Trivial File Transfer Server (Root) | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWtiu8 | Thai UTF-8 iconv modules for UTF-8 | ✓ | ✓ | ✓ | ✓ | |
| SUNWtltk | ToolTalk binaries and shared libraries needed for Common Desktop Environment (CDE), OpenWindows, and all ToolTalk clients | ✓ | ✓ | ✓ | ✓ | |
| SUNWtltkd | ToolTalk static library and include files for programmers | ✓ | ✓ | ✓ | | |
| SUNWtltkm | ToolTalk manual pages for ToolTalk programmers, OpenWindows users, and Common Desktop Environment (CDE) users | ✓ | ✓ | ✓ | | |
| SUNWtnamd | Trivial Name Server (Usr) | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWtnamr | Trivial Name Server (Root) | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWtnetc | Telnet Command (client) | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWtnetd | Telnet Server Deamon (Usr) | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWtnetr | Telnet Server Deamon (Root) | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWtnfc | utilities needed to enable probe points, in the kernel and in applications, that can generate Trace Normal Format (TNF) records in a trace file | ✓ | ✓ | ✓ | | |
| SUNWtnfd | utilities needed by developers using Trace Normal Format (TNF) facilities | ✓ | ✓ | ✓ | | |
| SUNWtoo | utilities for software development, including ld, ldd, od, and truss | ✓ | ✓ | ✓ | ✓ | |
| SUNWtxfnt | Thai X Windows Platform required Fonts Package | ✓ | ✓ | ✓ | ✓ | |

**TABLE 1–2** Solaris 9 8/03 (x86 Platform Edition) Operating Environment Packages      *(Continued)*

| Package | Description | Entire+OEM | Entire | Developer | End User | Core |
|---------|-------------|:---:|:---:|:---:|:---:|:---:|
| SUNWucbt | Apptrace shared objects for UCB compatibility libraries | ✓ | ✓ | ✓ | | |
| SUNWudf | Universal Disk Format 1.50 File System, (Usr) | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWudfr | Universal Disk Format 1.50 File System | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWuiu8 | Iconv modules for UTF-8 Locale | ✓ | ✓ | ✓ | ✓ | |
| SUNWuium | ICONV Manual pages for UTF-8 Locale | ✓ | ✓ | ✓ | ✓ | |
| SUNWulcf | UTF-8 Locale Environment Common Files | ✓ | ✓ | ✓ | ✓ | |
| SUNWulocf | UTF-8 Locale Environment OpenWindows Common Files | ✓ | ✓ | ✓ | ✓ | |
| SUNWusb | USBA (USB framework) and USB Device Drivers | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWusbu | USB Headers | ✓ | ✓ | ✓ | | |
| SUNWuxlcf | UTF-8 X Locale Environment Common Files | ✓ | ✓ | ✓ | ✓ | |
| SUNWvolg | Volume Management Graphical User Interface | ✓ | ✓ | ✓ | ✓ | |
| SUNWvolr | configuration and start-up files for volume (removable media) management and volfs | ✓ | ✓ | ✓ | ✓ | |
| SUNWvolu | utilities and a daemon (vold) for volume (removable media) management and volfs | ✓ | ✓ | ✓ | ✓ | |
| SUNWwbapi | Solaris WBEM API | ✓ | ✓ | ✓ | ✓ | |
| SUNWwbcor | Solaris WBEM Services (root) | ✓ | ✓ | ✓ | ✓ | |
| SUNWwbcou | Solaris WBEM Services (usr) | ✓ | ✓ | ✓ | ✓ | |
| SUNWwbdev | Sun WBEM SDK | ✓ | ✓ | ✓ | | |
| SUNWwbdoc | Sun WBEM SDK - Documentation | ✓ | ✓ | ✓ | | |
| SUNWwbmc | This package contains the components integrating WBEM and SMC | ✓ | ✓ | ✓ | | |
| SUNWwbpro | Solaris WBEM Providers (usr) | ✓ | ✓ | ✓ | ✓ | |
| SUNWwgetr | GNU wget - a utility to retrieve files from the World Wide Web (root components) | ✓ | ✓ | | | |
| SUNWwgetu | GNU wget - a utility to retrieve files from the World Wide Web (Usr) | ✓ | ✓ | | | |
| SUNWwsr2 | Solaris Product Registry & Web Start runtime support | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWwsrv | Solaris Product Registry Viewer | ✓ | ✓ | ✓ | ✓ | |

| Package | Description | Entire+OEM | Entire | Developer | End User | Core |
|---------|-------------|:----------:|:------:|:---------:|:--------:|:----:|
| SUNWxcu4 | utilities providing conformance with XCU4 specifications | ✓ | ✓ | ✓ | ✓ | |
| SUNWxcu4t | XCU4 Compliant Versions of make and sccs utilities | ✓ | ✓ | ✓ | | |
| SUNWxi18n | Run time library loaded by libX11.so, and provides input and output capability for internationalized X Window applications. | ✓ | ✓ | ✓ | ✓ | |
| SUNWxildh | XIL Loadable Pipeline Libraries | ✓ | ✓ | ✓ | ✓ | |
| SUNWxilh | XIL API Header files | ✓ | ✓ | ✓ | | |
| SUNWxilow | XIL Deskset Loadable Pipeline Libraries | ✓ | ✓ | ✓ | ✓ | |
| SUNWxilrl | XIL Runtime Environment | ✓ | ✓ | ✓ | ✓ | |
| SUNWxim | X Input Method server provides different styles of input. | ✓ | ✓ | ✓ | ✓ | |
| SUNWxsrt | Soap Runtime | ✓ | ✓ | | | |
| SUNWxsvc | Xinside Xserver pseudo driver" | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWxwacx | AccessX client program | ✓ | ✓ | ✓ | ✓ | |
| SUNWxwcft | X Window System optional fonts | ✓ | ✓ | ✓ | ✓ | |
| SUNWxwcsl | Font support library for Type1/CID fonts. | ✓ | ✓ | ✓ | ✓ | |
| SUNWxwdem | X Window System demo programs | ✓ | ✓ | ✓ | ✓ | |
| SUNWxwdim | Graphics files in various formats | ✓ | ✓ | ✓ | ✓ | |
| SUNWxwdv | kernel device drivers for X Windows System | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWxwdxm | DPS MOTIF library | ✓ | ✓ | ✓ | ✓ | |
| SUNWxwfa | Font Administration application for Solaris platforms | ✓ | ✓ | ✓ | ✓ | |
| SUNWxwfnt | X Window System Fonts (required fonts) | ✓ | ✓ | ✓ | ✓ | |
| SUNWxwfs | X Window System font server | ✓ | ✓ | ✓ | ✓ | |
| SUNWxwhl | X Window System & Graphics Header links in /usr/include | ✓ | ✓ | ✓ | ✓ | |
| SUNWxwice | Library and utilities to support the X Window System Inter-Client Exchange (ICE) protocol | ✓ | ✓ | ✓ | ✓ | |
| SUNWxwinc | X Window System include files | ✓ | ✓ | ✓ | | |
| SUNWxwman | X Window System online user man pages | ✓ | ✓ | ✓ | | |
| SUNWxwmod | Kernel modules used by the Solaris X Window System Server | ✓ | ✓ | ✓ | ✓ | ✓ |

**TABLE 1–2** Solaris 9 8/03 (x86 Platform Edition) Operating Environment Packages    *(Continued)*

| Package | Description | Entire+OEM | Entire | Developer | End User | Core |
|---------|-------------|:----------:|:------:|:---------:|:--------:|:----:|
| SUNWxwoft | X Window System optional fonts | ✓ | ✓ | ✓ | ✓ | |
| SUNWxwopt | X Window System Optional Clients | ✓ | ✓ | ✓ | ✓ | |
| SUNWxwpft | X Window System Xprt Printer Fonts | ✓ | ✓ | ✓ | ✓ | |
| SUNWxwpls | X Server x86 platform software | ✓ | ✓ | ✓ | ✓ | |
| SUNWxwplt | X Window System platform software (server, DPS, extensions, Xlib, required & common clients) | ✓ | ✓ | ✓ | ✓ | |
| SUNWxwpmn | X Window System online programmers man pages | ✓ | ✓ | ✓ | | |
| SUNWxwrtl | X Window System & Graphics runtime library links | ✓ | ✓ | ✓ | ✓ | |
| SUNWxwscf | X Server x86 probe and configuration | ✓ | ✓ | ✓ | ✓ | |
| SUNWxwslb | X Window System static and lint libraries for programmers. | ✓ | ✓ | ✓ | | |
| SUNWxwsrc | X Window System example source code for programmers. | ✓ | ✓ | ✓ | | |
| SUNWxwsrv | X Window System Xvfb & Xnest Virtual Display Servers | ✓ | ✓ | ✓ | ✓ | |
| SUNWxwssu | X Server x86 platform config start up software | ✓ | ✓ | ✓ | ✓ | ✓ |
| SUNWxwsvr | Screen Saver/Locker for the X Window System | ✓ | ✓ | | | |
| SUNWypr | NIS Server for Solaris 2.6 and up | ✓ | ✓ | | | |
| SUNWypu | NIS Server for Solaris 2.6 and up | ✓ | ✓ | | | |
| SUNWzip | The Info-Zip (zip) compression utility | ✓ | ✓ | | | |
| SUNWzlib | The Zip compression library | ✓ | ✓ | ✓ | ✓ | |
| SUNWzsh | Z shell (zsh) | ✓ | ✓ | | | |
| SYMhisl | Symbios 895A, 896 and 1010 SCSI driver | ✓ | ✓ | ✓ | ✓ | ✓ |

# Solaris 9 8/03 Languages Package List

This chapter lists and describes the packages that support languages in the Solaris 9 8/03 operating environment.

The languages package list is divided into the following platform-specific tables.

- Table 2–1
- Table 2–2

**TABLE 2–1** Solaris 9 8/03 (SPARC Platform Edition) Languages Packages

| Package | Description |
| --- | --- |
| IPLTcadcon | Administration Server Console Client package Simplified Chinese Localization |
| IPLTcadman | Administration Server Documentation Simplified Chinese Localization |
| IPLTcadmin | Administration Server Simplified Chinese Localization |
| IPLTccons | Console Client Base package Simplified Chinese Localization |
| IPLTcdscon | Directory Server Console Simplified Chinese Localization |
| IPLTcdsman | Directory Server Documentation Simplified Chinese Localization |
| IPLTcdsu | Directory Server Simplified Chinese Localization |
| IPLTjadcon | Administration Server Console Client package Japanese Localization |
| IPLTjadman | Administration Server Documentation Japanese Localization |
| IPLTjadmin | Administration Server Japanese Localization |
| IPLTjcons | Console Client Base package Japanese Localization |
| IPLTjdscon | Directory Server Console Japanese Localization |
| IPLTjdsman | Directory Server Documentation Japanese Localization |
| IPLTjdsu | Directory Server Japanese Localization |

**TABLE 2–1** Solaris 9 8/03 (SPARC Platform Edition) Languages Packages     *(Continued)*

| Package | Description |
|---------|-------------|
| JSatsvr | Japanese Input System ATOK12 root files |
| JSatsvu | Japanese Input System ATOK12 usr files |
| JSatsvw | Japanese Input System ATOK12 X11 support files |
| NSCP5com | zh_TW.BIG5 localization of Netscape Communicator 4.78 supporting International security. |
| NSCPccom | Simplified Chinese localization of Netscape Communicator 4.78 supporting International security. |
| NSCPcpcom | Simplified Chinese partial version of Netscape Communicator 4.78 supporting International security. |
| NSCPcucom | zh.UTF-8 localization of Netscape Communicator 4.78 supporting International security. |
| NSCPdecom | German localization of Netscape Communicator 4.78 supporting International security. |
| NSCPescom | Spanish localization of Netscape Communicator 4.78 supporting International security. |
| NSCPeu8cm | American English (UTF-8) Netscape Communicator Localization |
| NSCPfrcdo | French localization of Netscape Communicator 4.78 supporting U.S. security. |
| NSCPfrcom | French localization of Netscape Communicator 4.78 supporting International security. |
| NSCPgcom | zh.GBK localization of Netscape Communicator 4.78 supporting International security. |
| NSCPhcom | Traditional Chinese localization of Netscape Communicator 4.78 supporting International security. |
| NSCPhpcom | Traditional Chinese partial version of Netscape Communicator 4.78 supporting International security. |
| NSCPhucom | zh_TW.UTF-8 localization of Netscape Communicator 4.78 supporting International security. |
| NSCPitcom | Italian localization of Netscape Communicator 4.78 supporting International security. |
| NSCPjacom | Japanese (common) localization of Netscape Communicator 4.78 supporting International security. |
| NSCPjecom | Japanese (EUC) localization of Netscape Communicator 4.78 supporting International security. |
| NSCPjpcom | Japanese (PCK) localization of Netscape Communicator 4.78 supporting International security. |
| NSCPjucom | Japanese (UTF-8) localization of Netscape Communicator 4.78 supporting International security. |
| NSCPkocom | Korean localization of Netscape Communicator 4.78 supporting International security. |
| NSCPkpcom | Korean Partial version of Netscape Communicator 4.78 supporting International security. |
| NSCPkucom | ko.UTF-8 localization of Netscape Communicator 4.78 supporting International security. |
| NSCPsvcom | Swedish localization of Netscape Communicator 4.78 supporting International security. |
| SUNW5ttf | Traditional Chinese True Type Fonts Package |

| Package | Description |
|---------|-------------|
| SUNW5ttfe | Traditional Chinese True Type Fonts Package Extension |
| SUNW5xfnt | Traditional Chinese BIG5 X Windows Platform required Fonts Package |
| SUNW5xplx | Traditional Chinese (BIG5) X Windows Platform Software Package (64-bit) |
| SUNWabcp | Asian common files for SunOS 4.x Binary Compatibility |
| SUNWale | Common files shared by Chinese, Japanese and Korean locales. It is a required package to run Asian Language Environment |
| SUNWaled | Common man pages shared by Chinese, Japanese and Korean locales. |
| SUNWalex | Common files shared by Chinese, Japanese and Korean locales. It is a required package to run Asian Language Environment (64-bit) |
| SUNWauadt | Australasia CDE Support |
| SUNWauaos | Australasia OS Support |
| SUNWauaow | Australasia OW Support |
| SUNWauaox | Australasia 64-bit OS Support |
| SUNWcacx | Simplified Chinese AccessX client program |
| SUNWcadis | Simplified Chinese Localizations for admintool and GUI install. |
| SUNWcadma | Simplified Chinese Localizations for Software used to perform system administration tasks. Admintool requires both this and SUNWhadis packages for Simplified Chinese localization. |
| SUNWcamdt | Central America CDE Support |
| SUNWcamos | Central America OS Support |
| SUNWcamow | Central America OW Support |
| SUNWcamox | Central America 64-bit OS Support |
| SUNWcasac | Simplified Chinese Application Server Admin Client |
| SUNWcascmn | Simplified Chinese Application Servercommon components |
| SUNWcasdem | Application Server Admin Client |
| SUNWcasu | Simplified Chinese Application Server (usr) |
| SUNWcbcp | This package contains Simplified Chinese (EUC) Language Environment binary compatibility files. |
| SUNWcdab | Simplified Chinese Localizations for CDE Desktop Application Builder |
| SUNWcdbas | Simplified Chinese Localizations for CDE Base functionality |
| SUNWcdcl | Simplified Chinese Localizations for Solaris Diskless Client Management Application |

**TABLE 2–1** Solaris 9 8/03 (SPARC Platform Edition) Languages Packages     *(Continued)*

| Package | Description |
|---------|-------------|
| SUNWcddst | Simplified Chinese Localizations for CDE Desktop Applications |
| SUNWcddte | Simplified Chinese Localizations for CDE Desktop Login Environment |
| SUNWcdezt | Simplified Chinese Localizations for Desktop Power Pack Applications |
| SUNWcdft | Simplified Chinese Localizations for CDE Fonts |
| SUNWcdhcm | Simplified Chinese Localizations for DHCP Manager |
| SUNWcdhe | Simplified Chinese Localizations for CDE Help Runtime environment |
| SUNWcdhev | Simplified Chinese CDE Help Volumes |
| SUNWcdhez | Simplified Chinese (Common) Desktop Power Pack Help Volumes |
| SUNWcdicn | Simplified Chinese Localizations for CDE Icons |
| SUNWcdim | Simplified Chinese Localizations for CDE Imagetool |
| SUNWcdt | Simplified Chinese Localizations for CDE Desktop Login Environment |
| SUNWcdwm | Simplified Chinese Localizations for CDE Desktop Window Manager |
| SUNWcepmw | Simplified Chinese Localization for Power Management OW Utilities |
| SUNWceudt | Central Europe CDE Support |
| SUNWceuos | Central Europe OS Support |
| SUNWceuow | Central Europe OW Support |
| SUNWceuox | Central Europe 64-bit OS Support |
| SUNWcfdl | Simplified Chinese Solaris Font Downloader for Adobe Postscript (tm) TCP/IP printers |
| SUNWcj2p | Simplified Chinese localization of Java Plug-in 1.2.2 |
| SUNWcj2rt | Java virtual machine and core class libraries (Simplified Chinese supplement) |
| SUNWcjaf | Simplified Chinese Java Activation Framework |
| SUNWcjmail | Simplified Chinese Java Mail Runtime |
| SUNWcjmfp | Simplified Chinese Localization for JMF player |
| SUNWckcsr | Simplified Chinese (EUC) KCMS Runtime Environment |
| SUNWcleex | Simplified Chinese Language Environment specific files. It is a required package to run Simplified Chinese Language Environment (64-bit) - Extension |
| SUNWcleu | Simplified Chinese Language Environment specific files. It is a required package to run Simplified Chinese Language Environment |
| SUNWcleue | Simplified Chinese Language Environment specific files. It is a required package to run Simplified Chinese Language Environment |

TABLE 2–1 Solaris 9 8/03 (SPARC Platform Edition) Languages Packages *(Continued)*

| Package | Description |
| --- | --- |
| SUNWcleux | Simplified Chinese Language Environment specific files. It is a required package to run Simplified Chinese Language Environment (64-bit) |
| SUNWclvma | Simplified Chinese Localizations for Solaris Volume Management API's |
| SUNWclvmg | Simplified Chinese Localizations for Solaris Volume Management Application |
| SUNWcmga | Simplified Chinese Solaris Management Applications |
| SUNWcns | Simplified Chinese localization of Netscape for Solaris |
| SUNWcorte | Simplified Chinese (EUC) OPENLOOK Toolkits Runtime Environment Package |
| SUNWcos | This package contains Simplified Chinese Language Environment specific files. It is a required package to run Simplified Chinese Language Environment |
| SUNWcpdas | Simplified Chinese Localization for tools to synchronize desktop applications with the Palm Pilot PDA |
| SUNWcreg | Simplified Chinese Localizations for Solaris User Registration |
| SUNWcrmui | Simplified Chinese Resource Management for Solaris |
| SUNWcsadl | Simplified Chinese Localizationsfor Solstice Admintool launcher and associated libraries. |
| SUNWcscgu | Simplified Chinese Localizable Solaris Smart Card Administration - Grahical User Interface component |
| SUNWcsfw | Simplified Chinese localization for freeware message |
| SUNWcsmc | Simplified Chinese Solaris Management Console 2.1 |
| SUNWctltk | Simplified Chinese (EUC) ToolTalk Runtime Package Package |
| SUNWcttf | Simplified Chinese (EUC) True Type Fonts |
| SUNWcttfe | Simplified Chinese (EUC) True Type Fonts |
| SUNWcudc | Simplified Chinese Localizations for User Defined Character tool for Solaris CDE environment |
| SUNWcufnt | Simplified Chinese (UTF-8) X Windows Platform required Fonts |
| SUNWcwbc | Simplified Chinese Localisations for Solaris WBEM Services |
| SUNWcwbcp | Simplified Chinese (EUC) OpenWindows Binary Compatibility Package |
| SUNWcwdev | Simplified Chinese Localizations for Solaris WBEM Services |
| SUNWcwsr2 | Simplified Chinese Localizations for Solaris Product Registry |
| SUNWcwsrv | Simplified Chinese Localizations for Solaris Product Registry Viewer |
| SUNWcxe | Simplified Chinese X Windows Platform Software Package |
| SUNWcxfnt | Simplified Chinese (EUC) X Windows Platform Required Fonts |

**TABLE 2–1** Solaris 9 8/03 (SPARC Platform Edition) Languages Packages  *(Continued)*

| Package | Description |
| --- | --- |
| SUNWcxman | Simplified Chinese (EUC) X Windows Online User Man Pages Package |
| SUNWcxplt | Simplified Chinese X Windows Platform Software Package |
| SUNWcxwsvr | X Window System Screen Saver/Locker Localization Files for Simplified Chinese Locale |
| SUNWdbcp | German OS Binary Compatibility Package |
| SUNWddcl | Diskless Client Management Application German Localization |
| SUNWddhcm | German Localizations for DHCP Manager |
| SUNWdebas | German localization for CDE application basic runtime environment |
| SUNWdedis | German localization for Software used to perform system administration tasks |
| SUNWdedma | German localization for Software used to perform system administration tasks |
| SUNWdedst | German localization for CDE Desktop Applications |
| SUNWdedte | German localization for Solaris Desktop Login Environment |
| SUNWdehe | German localization for CDE Help Runtime environment |
| SUNWdehed | German localization for CDE Help Developer Environment |
| SUNWdehev | German localization for CDE Help Volumes |
| SUNWdehez | German localization for Desktop Power Pack Help Volumes |
| SUNWdeim | German localization for Solaris CDE Image Viewer |
| SUNWdej2p | German localization of Java Plug-in 1.2.2 |
| SUNWdelu | German localization for Live Upgrade 2.0 05/02 (root) |
| SUNWdens | German localization of Netscape for Solaris |
| SUNWdeos | German ON message files |
| SUNWdepmw | German localization for Power Management OW Utilities, (Root) |
| SUNWdereg | German localizasion for Solaris User Registration prompts at desktop login for user registration information. |
| SUNWdesmc | German Solaris Management Console 2.1 |
| SUNWdespl | Spell Checking Engine - German Dictionary |
| SUNWdewbc | German Localizations for Solaris WBEM Services |
| SUNWdewm | German localization for CDE Desktop Window Manager |
| SUNWdews2 | German localization for Solaris Product Registry & Web Start runtime support |
| SUNWdewsv | German localization for Solaris Product Registry Viewer |

**TABLE 2–1** Solaris 9 8/03 (SPARC Platform Edition) Languages Packages     *(Continued)*

| Package | Description |
| --- | --- |
| SUNWdexwsvr | X Window System Screen Saver/Locker Localization Files for German Locale |
| SUNWdfdl | German localization for the Font Downloader |
| SUNWdj2rt | Java virtual machine and core class libraries (German supplement) |
| SUNWdjmfp | German localization for JMF Player for playing audio and video files |
| SUNWdkcsr | German localization for Kodak Color Management System Runtime |
| SUNWdlvma | German Localizations for Solaris Volume Management API's |
| SUNWdlvmg | German Localizations for Solaris Volume Management Application |
| SUNWdmgp | German Solaris Management Applications |
| SUNWdorte | German localization for OPEN LOOK toolkits runtime environment |
| SUNWdpdas | German localization for tools to synchronize desktop applications with the Palm Pilot PDA |
| SUNWdrmui | German Resource Management for Solaris |
| SUNWdsadl | German localization for Solstice launcher and associated libraries |
| SUNWdscgu | German localization for Solaris Smart Card Administration - Grahical User Interface component |
| SUNWdsfw | German localization for freeware message |
| SUNWdtltk | German localization for ToolTalk binaries and shared libraries needed for Common Desktop Environment (CDE), OpenWindows, and all ToolTalk clients |
| SUNWdwacx | German localization for AccessX client program |
| SUNWdwbcp | German OpenWindows Binary Compatibility Package |
| SUNWdwdev | German Localizations for Sun WBEM SDK resources |
| SUNWdxplt | German X Windows platform software |
| SUNWedcl | Spanish Localizations for Solaris Diskless Client Management Application |
| SUNWedhcm | Spanish Localizations for DHCP Manager |
| SUNWeeudt | Eastern Europe CDE Support |
| SUNWeeuos | Eastern Europe OS Support |
| SUNWeeuow | Eastern Europe OW Support |
| SUNWeeuox | Eastern Europe 64-bit OS Support |
| SUNWefdl | Spanish localization for the Font Downloader |
| SUNWej2rt | Java virtual machine and core class libraries (Spanish supplement) |
| SUNWejmfp | Spanish localization for JMF Player for playing audio and video files |

**TABLE 2–1** Solaris 9 8/03 (SPARC Platform Edition) Languages Packages     *(Continued)*

| Package | Description |
|---|---|
| SUNWekcsr | Spanish localization for Kodak Color Management System Runtime |
| SUNWelvma | Spanish Localizations for Solaris Volume Management API's |
| SUNWelvmg | Spanish Localizations for Solaris Volume Management Application |
| SUNWemgp | Spanish Solaris Management Applications |
| SUNWeorte | Spanish localization for OPEN LOOK toolkits runtime environment |
| SUNWepdas | Spanish localization for tools to synchronize desktop applications with the Palm Pilot PDA |
| SUNWermui | Spanish Resource Management for Solaris |
| SUNWesadl | Spanish localization for Solstice launcher and associated libraries. |
| SUNWesbas | Spanish localization for CDE application basic runtime environment |
| SUNWescgu | Spanish localization for Solaris Smart Card Administration - Grahical User Interface component |
| SUNWesdis | Spanish localization for Software used to perform system administration tasks |
| SUNWesdma | Spanish localization for Software used to perform system administration tasks |
| SUNWesdst | Spanish localization for CDE Desktop Applications |
| SUNWesdte | Spanish localization for Solaris Desktop Login Environment |
| SUNWesfw | Spanish localization for freeware message |
| SUNWeshe | Spanish localization for CDE Help Runtime environment |
| SUNWeshed | Spanish localization for CDE Help Developer Environment |
| SUNWeshev | Spanish localization for CDE Help Volumes |
| SUNWeshez | Spanish localization for Desktop Power Pack Help Volumes |
| SUNWesim | Spanish localization for Solaris CDE Image Viewer |
| SUNWesj2p | Spanish localization of Java Plug-in 1.2.2 |
| SUNWeslu | Spanish localization for Live Upgrade 2.0 05/02 (root) |
| SUNWesns | Spanish localization of Netscape for Solaris |
| SUNWesos | Spanish ON message files |
| SUNWespmw | Spanish localization for Power Management OW Utilities, (Root) |
| SUNWesreg | Spanish localization for Solaris User Registration prompts at desktop login for user registration information. |
| SUNWessmc | Spanish Solaris Management Console 2.1 |
| SUNWesspl | Spell Checking Engine - Spanish Dictionary |

**TABLE 2–1** Solaris 9 8/03 (SPARC Platform Edition) Languages Packages     *(Continued)*

| Package | Description |
| --- | --- |
| SUNWeswbc | Spanish Localizations for Solaris WBEM Services |
| SUNWeswm | Spanish localization for CDE Desktop Window Manager |
| SUNWesws2 | Spanish localization for Solaris Product Registry & Web Start runtime support |
| SUNWeswsv | Spanish localization for Solaris Product Registry Viewer |
| SUNWesxwsvr | X Window System Screen Saver/Locker Localization Files for Spanish Locale |
| SUNWetltk | Spanish localization for ToolTalk binaries and shared libraries needed for Common Desktop Environment (CDE), OpenWindows, and all ToolTalk clients |
| SUNWeu8df | American English/UTF-8 Core Desktop Files |
| SUNWeu8os | American English/UTF-8 L10N For OS Environment User Files |
| SUNWeu8ox | American English/UTF-8 L10N For OS Env User Files (64-bit) |
| SUNWeudba | American English/UTF-8 L10N For CDE Base |
| SUNWeudbd | American English/UTF-8 L10N for CDE Dtbuilder |
| SUNWeudda | American English/UTF-8 L10N For CDE Desktop Applications |
| SUNWeudhr | American English/UTF-8 L10N for CDE Help Runtime |
| SUNWeudhs | American English/UTF-8 L10N For CDE Help Runtime |
| SUNWeudis | American English/UTF-8 L10N For CDE Icons |
| SUNWeudiv | American English/UTF-8 L10N For Desktop Image tools |
| SUNWeudlg | American English/UTF-8 L10N For CDE Desktop Login Environment |
| SUNWeudmg | American English/UTF-8 L10N For Desktop Window Manager |
| SUNWeuezt | American English/UTF-8 L10N For Desktop Power Pack Applications |
| SUNWeuhed | American English/UTF-8 L10N for CDE Help Developer Environment |
| SUNWeuluf | American English/UTF-8 L10N For Environment User Files |
| SUNWeulux | American English/UTF-8 L10N For Environment User Files (64-bit) |
| SUNWeusru | American English/UTF-8 L10N For Solaris User Registration |
| SUNWewacx | Spanish localization for AccessX client program |
| SUNWewdev | Spanish Localizations for Sun WBEM SDK resources |
| SUNWexplt | Spanish X Windows platform software |
| SUNWfbcp | French OS Binary Compatibility Package |
| SUNWfdcl | French Localizations for Solaris Diskless Client Management Application |

**TABLE 2–1** Solaris 9 8/03 (SPARC Platform Edition) Languages Packages  *(Continued)*

| Package | Description |
|---------|-------------|
| SUNWfdhcm | French Localizations for DHCP Manager |
| SUNWffdl | French localization for strings for the Font Downloader |
| SUNWfj2rt | Java virtual machine and core class libraries (French supplement) |
| SUNWfjmfp | French localization for JMF Player for playing audio and video files |
| SUNWfkcsr | French localization for Kodak Color Management System Runtime |
| SUNWflvma | French Localizations for Solaris Volume Management API's |
| SUNWflvmg | French Localizations for Solaris Volume Management Application |
| SUNWfmgp | French Solaris Management Applications |
| SUNWforte | French localization for OPEN LOOK toolkits runtime environment |
| SUNWfpdas | French localization for tools to synchronize desktop applications with the Palm Pilot PDA |
| SUNWfrbas | French localization for CDE application basic runtime environment |
| SUNWfrdis | French localization for Software used to perform system administration tasks |
| SUNWfrdma | French localization for Software used to perform system administration tasks |
| SUNWfrdst | French localization for CDE Desktop Applications |
| SUNWfrdte | French localization for Solaris Desktop Login Environment |
| SUNWfrhe | French localization for CDE Help Runtime environment |
| SUNWfrhed | French localization for CDE Help Developer Environment |
| SUNWfrhev | French localization for CDE Help Volumes |
| SUNWfrhez | French localization for Desktop Power Pack Help Volumes |
| SUNWfrim | French localization for Solaris CDE Image Viewer |
| SUNWfrj2p | French localization of Java Plug-in 1.2.2 |
| SUNWfrlu | French localization for Live Upgrade 2.0 05/02 (root) |
| SUNWfrmui | French Resource Management for Solaris |
| SUNWfrns | French localization of Netscape for Solaris |
| SUNWfros | French ON message files |
| SUNWfrpmw | French localization for Power Management OW Utilities, (Root) |
| SUNWfrreg | French localization for Solaris User Registration prompts at desktop login for user registration information. |
| SUNWfrsmc | French Solaris Management Console 2.1 |

| Package | Description |
|---|---|
| SUNWfrspl | Spell Checking Engine - French Dictionary |
| SUNWfrwbc | French Localizations for Solaris WBEM Services |
| SUNWfrwm | French localization for CDE Desktop Window Manager |
| SUNWfrws2 | French localization for Solaris Product Registry & Web Start runtime support |
| SUNWfrwsv | French localization for Solaris Product Registry Viewer |
| SUNWfrxwsvr | X Window System Screen Saver/Locker Localization Files for French Locale |
| SUNWfsadl | French localization for Solstice launcher and associated libraries. |
| SUNWfscgu | French localization for Solaris Smart Card Administration - Grahical User Interface component |
| SUNWfsfw | French localization for freeware message |
| SUNWftltk | French localization for ToolTalk binaries and shared libraries needed for Common Desktop Environment (CDE), OpenWindows, and all ToolTalk clients |
| SUNWfwacx | French localization for AccessX client program |
| SUNWfwbcp | French OpenWindows Binary Compatibility Package |
| SUNWfwdev | French Localizations for Sun WBEM SDK resources |
| SUNWfxplt | French X Windows platform software |
| SUNWgnome-l10ndocument-de | GNOME document files for German |
| SUNWgnome-l10ndocument-es | GNOME document files for Spanish |
| SUNWgnome-l10ndocument-fr | GNOME document files for French |
| SUNWgnome-l10ndocument-it | GNOME document files for Italian |
| SUNWgnome-l10ndocument-ja | GNOME document files for Japanese |
| SUNWgnome-l10ndocument-ko | GNOME document files for Korean |
| SUNWgnome-l10ndocument-sv | GNOME document files for Swedish |

**TABLE 2–1** Solaris 9 8/03 (SPARC Platform Edition) Languages Packages    *(Continued)*

| Package | Description |
| --- | --- |
| SUNWgnome-l10ndocument-zhCN | GNOME document files for Simplified Chinese |
| SUNWgnome-l10ndocument-zhTW | GNOME document files for Traditional Chinese |
| SUNWgnome-l10nmessages-de | GNOME software message files for German |
| SUNWgnome-l10nmessages-es | GNOME software message files for Spanish |
| SUNWgnome-l10nmessages-fr | GNOME software message files for French |
| SUNWgnome-l10nmessages-it | GNOME software message files for Italian |
| SUNWgnome-l10nmessages-ja | GNOME software message files for Japanese |
| SUNWgnome-l10nmessages-ko | GNOME software message files for Korean |
| SUNWgnome-l10nmessages-pl | GNOME software message files for Polish |
| SUNWgnome-l10nmessages-ptBR | GNOME software message files for Portugese Brazilian |
| SUNWgnome-l10nmessages-ru | GNOME software message files for Russian |
| SUNWgnome-l10nmessages-sv | GNOME software message files for Swedish |
| SUNWgnome-l10nmessages-zhCN | GNOME software message files for Simplified Chinese |
| SUNWgnome-l10nmessages-zhHK | GNOME software message files for Hong Kong Chinese |
| SUNWgnome-l10nmessages-zhTW | GNOME software message files for Traditional Chinese |
| SUNWgttf | Simplified Chinese (GBK) True Type Fonts |

**TABLE 2–1** Solaris 9 8/03 (SPARC Platform Edition) Languages Packages     *(Continued)*

| Package | Description |
|---------|-------------|
| SUNWgttfe | Simplified Chinese (GBK) True Type Fonts |
| SUNWgxfnt | Simplified Chinese (GBK) X Windows Platform required Fonts |
| SUNWgxplx | Simplified Chinese (GBK) X Windows Platform Software Pacakge (64-bit) |
| SUNWhacx | Traditional Chinese AccessX client program |
| SUNWhadis | Traditional Chinese Localizations for admintool and GUI install. |
| SUNWhadma | Traditional Chinese Localizations for Software used to perform system administration tasks. Admintool requires both this and SUNWhadis packages for Traditional Chinese localization. |
| SUNWhbcp | This package contains Traditional Chinese Language Environment binary compatibility files. |
| SUNWhdab | Traditional Chinese Localizations for CDE Desktop Application Builder |
| SUNWhdbas | Traditional Chinese Localizations for CDE Base functionality |
| SUNWhdcl | Traditional Chinese Localizations for Solaris Diskless Client Management Application |
| SUNWhddst | Traditional Chinese Localizations for CDE Desktop Applications |
| SUNWhddte | Traditional Chinese Localizations for CDE Desktop Login Environment |
| SUNWhdezt | Traditional Chinese Localizations for Desktop Power Pack Applications |
| SUNWhdft | Traditional Chinese Localizations for CDE Fonts |
| SUNWhdhcm | Traditional Chinese Localizations for DHCP Manager |
| SUNWhdhe | Traditional Chinese Localizations for CDE Help Runtime environment |
| SUNWhdhev | Traditional Chinese CDE Help Volumes |
| SUNWhdhez | Traditional Chinese (Common) Localizations for Desktop Power Pack Help Volumes |
| SUNWhdicn | Traditional Chinese Localizations for CDE Icons |
| SUNWhdim | Traditional Chinese Localizations for CDE Imagetool |
| SUNWhdt | Traditional Chinese Localizations for CDE Desktop Login Environment |
| SUNWhdwm | Traditional Chinese Localizations for CDE Desktop Window Manager |
| SUNWhepmw | Traditional Chinese Localization for Power Management OW Utilities |
| SUNWhfdl | Traditional Chinese Solaris Font Downloader for Adobe Postscript (tm) TCP/IP printers |
| SUNWhj2p | Traditional Chinese localization of Java Plug-in 1.2.2 |
| SUNWhj2rt | Java virtual machine and core class libraries (Traditional Chinese supplement) |
| SUNWhjmfp | Traditional Chinese Localization for JMF player |
| SUNWhkcsr | Traditional Chinese (EUC) KCMS Runtime Environment |

**TABLE 2–1** Solaris 9 8/03 (SPARC Platform Edition) Languages Packages    *(Continued)*

| Package | Description |
| --- | --- |
| SUNWhkdcl | Traditional Chinese (Hong Kong) Localizations for Solaris Diskless Client Management Application |
| SUNWhkdt | Traditional Chinese (Hong Kong) Localizations for CDE Desktop Login Environment |
| SUNWhkeex | Traditional Chinese (Hong Kong) Language Environment specific files. It is a required package to run Traditional Chinese (Hong Kong) Language Environment (64-bit) |
| SUNWhkeue | Traditional Chinese (Hong Kong) Language Environment specific files. It is a required package to run Traditional Chinese (Hong Kong) Language Environment |
| SUNWhkfnt | Traditional Chinese (Hong Kong) X Windows Platform required Fonts Package |
| SUNWhkleu | Traditional Chinese (Hong Kong) Language Environment specific files. |
| SUNWhklex | Traditional Chinese (Hong Kong) Language Environment user files (64-bit) |
| SUNWhklvmg | Traditional Chinese (Hong Kong) Localizations for Solaris Volume Management Application |
| SUNWhkmga | Traditional Chinese (Hong Kong) Solaris Management Applications |
| SUNWhkplt | Traditional Chines(Hong Kong) X Windows Platform Software Package |
| SUNWhkplx | Traditional Chinese (Hong Kong BIG5) X Windows Platform Software Package (64-bit) |
| SUNWhkrmui | Traditional Chinese (Hong Kong) Resource Management for Solaris |
| SUNWhksmc | Traditional Chinese (Hong Kong) Solaris Management Console 2.1 |
| SUNWhkttf | Traditional Chinese Hong Kong Supplementary Character Set True Type Fonts Package |
| SUNWhkxe | Traditional Chinese(Hong Kong) X Windows Platform Software Package |
| SUNWhleex | Traditional Chinese Language Environment specific files. It is a required package to run Traditional Chinese Language Environment (64-bit) |
| SUNWhleu | Traditional Chinese Language Environment specific files. It is a required package to run Traditional Chinese Language Environment |
| SUNWhleue | Traditional Chinese Language Environment specific files. It is a required package to run Traditional Chinese Language Environment |
| SUNWhleux | Traditional Chinese Language Environment specific files. It is a required package to run Traditional Chinese Language Environment (64-bit) |
| SUNWhlvma | Traditional Chinese Localizations for Solaris Volume Management API's |
| SUNWhlvmg | Traditional Chinese Localizations for Solaris Volume Management Application |
| SUNWhmga | Traditional Chinese Solaris Management Applications |
| SUNWhns | Traditional Chinese localization of Netscape for Solaris |
| SUNWhorte | Traditional Chinese OPENLOOK Toolkits Runtime Environment Package |

**TABLE 2–1** Solaris 9 8/03 (SPARC Platform Edition) Languages Packages *(Continued)*

| Package | Description |
|---|---|
| SUNWhos | This package contains Traditional Chinese Language Environment specific files. It is a required package to run Traditional Chinese Language Environment |
| SUNWhpdas | Traditional Chinese Localization for tools to synchronize desktop applications with the Palm Pilot PDA |
| SUNWhreg | Traditional Chinese Localizations for Solaris User Registration |
| SUNWhrmui | Traditional Chinese Resource Management for Solaris |
| SUNWhsadl | Traditional Chinese Localizationsfor Solstice Admintool launcher and associated libraries. |
| SUNWhscgu | Traditional Chinese Localizable Solaris Smart Card Administration - Grahical User Interface component |
| SUNWhsfw | Traditional Chinese localization for freeware message |
| SUNWhsmc | Traditional Chinese Solaris Management Console 2.1 |
| SUNWhtltk | Traditional Chinese ToolTalk Runtime Package Package |
| SUNWhttf | Traditional Chinese True Type Fonts Package |
| SUNWhttfe | Traditional Chinese True Type optional Fonts Package Extension |
| SUNWhudc | Traditional Chinese Localizations for User Defined Character tool for Solaris CDE environment |
| SUNWhufnt | Traditional Chinese (UTF-8) X Windows Platform required Fonts |
| SUNWhwbc | Traditional Chinese Localisations for Solaris WBEM Services |
| SUNWhwbcp | Traditional Chinese OpenWindows Binary Compatibility Package |
| SUNWhwdev | Traditional Chinese Localizations for Solaris WBEM Services |
| SUNWhwsr2 | Traditional Chinese Localizations for Solaris Product Registry |
| SUNWhwsrv | Traditional Chinese Localizations for Solaris Product Registry Viewer |
| SUNWhxe | Traditional Chinese X Windows Platform Software Package |
| SUNWhxfnt | Traditional Chinese X Windows Platform required Fonts Package |
| SUNWhxman | Traditional Chinese X Windows Online User Man Pages Package |
| SUNWhxplt | Traditional Chinese X Windows Platform Software Package |
| SUNWhxwsvr | X Window System Screen Saver/Locker Localization Files for Traditional Chinese Locale |
| SUNWi13cs | X11 ISO8859-13 Codeset Support |
| SUNWi15cs | X11 ISO8859-15 Codeset Support |
| SUNWi1cs | X11 ISO8859-1 Codeset Support |
| SUNWi2cs | X11 ISO8859-2 Codeset Support |

**TABLE 2–1** Solaris 9 8/03 (SPARC Platform Edition) Languages Packages     *(Continued)*

| Package | Description |
| --- | --- |
| SUNWi5cs | X11 ISO8859-5 Codeset Support |
| SUNWi7cs | X11 ISO8859-7 Codeset Support |
| SUNWi9cs | X11 ISO8859-9 Codeset Support |
| SUNWibcp | Italian OS Binary Compatibility Package |
| SUNWidcl | Italian Localizations for Solaris Diskless Client Management Application |
| SUNWidhcm | Italian Localizations for DHCP Manager |
| SUNWifdl | Italian localization for strings for the Font Downloader |
| SUNWiiimr | Internet/Intranet Input Method Framework (Root) |
| SUNWiiimu | Internet/Intranet Input Method Framework (Usr) |
| SUNWij2rt | Java virtual machine and core class libraries (Italian supplement) |
| SUNWijmfp | Italian localization for JMF Player for playing audio and video files |
| SUNWikcsr | Italian localization for Kodak Color Management System Runtime |
| SUNWilvma | Italian Localizations for Solaris Volume Management API's |
| SUNWilvmg | Italian Localizations for Solaris Volume Management Application |
| SUNWimgp | Italian Solaris Management Applications |
| SUNWindt | Indic Localizations for CDE Desktop Login Environment |
| SUNWinfnt | Indic (UTF-8) X Windows Platform required Fonts |
| SUNWinleu | Indic package contains Indic Language Environment specific files. It is a required package to run Indic Language Environment |
| SUNWinlex | Indic Language Environment specific files. It is a required package to run Indic Language Environment (64-bit) |
| SUNWinplt | Indic X Windows Platform Software Package |
| SUNWinttf | Indic True Type Fonts |
| SUNWiorte | Italian localization for OPEN LOOK toolkits runtime environment |
| SUNWipdas | Italian localization for tools to synchronize desktop applications with the Palm Pilot PDA |
| SUNWiqcja | Sun ONE Message Queue Client Runtime ja Localizations |
| SUNWiqczh | Sun ONE Message Queue Client Runtime zh_CN Localizations |
| SUNWiqdja | Sun ONE Message Queue Javadoc and Examples ja Localizations |
| SUNWiqdzh | Sun ONE Message Queue Javadoc and Examples zh_CN Localizations |

**TABLE 2–1** Solaris 9 8/03 (SPARC Platform Edition) Languages Packages    *(Continued)*

| Package | Description |
|---------|-------------|
| SUNWiqija | Sun ONE Message Queue Server and Admin ja Localizations |
| SUNWiqizh | Sun ONE Message Queue Server and Admin zh_CN Localizations |
| SUNWirmui | Italian Resource Management for Solaris |
| SUNWisadl | Italian localization for Solstice launcher and associated libraries. |
| SUNWiscgu | Italian localization for Solaris Smart Card Administration - Grahical User Interface component |
| SUNWisfw | Italian localization for freeware message |
| SUNWitbas | Italian localization for CDE application basic runtime environment |
| SUNWitdis | Italian localization for Software used to perform system administration tasks |
| SUNWitdma | Italian localization for Software used to perform system administration tasks |
| SUNWitdst | Italian localization for CDE Desktop Applications |
| SUNWitdte | Italian localization for Solaris Desktop Login Environment |
| SUNWithe | Italian localization for CDE Help Runtime environment |
| SUNWithed | Italian localization for CDE Help Developer Environment |
| SUNWithev | Italian localization for CDE Help Volumes |
| SUNWithez | Italian localization for Desktop Power Pack Help Volumes |
| SUNWitim | Italian localization for Solaris CDE Image Viewer |
| SUNWitj2p | Italian localization of Java Plug-in 1.2.2 |
| SUNWitltk | Italian localization for ToolTalk binaries and shared libraries needed for Common Desktop Environment (CDE), OpenWindows, and all ToolTalk clients |
| SUNWitlu | Italian localization for Live Upgrade 2.0 05/02 (root) |
| SUNWitns | Italian localization of Netscape for Solaris |
| SUNWitos | Italian ON message files |
| SUNWitpmw | Italian localization for Power Management OW Utilities, (Root) |
| SUNWitreg | Italian localization for Solaris User Registration prompts at desktop login for user registration |
| SUNWitsmc | Italian Solaris Management Console 2.1 |
| SUNWitspl | Spell Checking Engine - Italian Dictionary |
| SUNWitwbc | Italian Localizations for Solaris WBEM Services |
| SUNWitwm | Italian localization for CDE Desktop Window Manager |
| SUNWitws2 | Italian localization for Solaris Product Registry & Web Start runtime support |

**TABLE 2–1** Solaris 9 8/03 (SPARC Platform Edition) Languages Packages     *(Continued)*

| Package | Description |
| --- | --- |
| SUNWitwsv | Italian localization for Solaris Product Registry Viewer |
| SUNWitxwsvr | X Window System Screen Saver/Locker Localization Files for Italian Locale |
| SUNWiwacx | Italian localization for AccessX client program |
| SUNWiwbcp | Italian OpenWindows Binary Compatibility Package |
| SUNWiwdev | Italian Localizations for Sun WBEM SDK resources |
| SUNWixplt | Italian X Windows platform software |
| SUNWj3jmp | Japanese Localizations for J2SDK RELEASE man pages |
| SUNWjadcl | Japanese Localizations for Solaris Diskless Client Management Application |
| SUNWjadis | Japanese localization for Software used to perform system administration tasks |
| SUNWjadma | Japanese localization for Software used to perform system administration tasks |
| SUNWjaj2p | Japanese localization of Java Plug-in 1.2.2 |
| SUNWjans | Japanese localization of Netscape for Solaris |
| SUNWjasac | Application Server Admin Client |
| SUNWjascmn | Japanese Application Server common components |
| SUNWjasdem | Application Server Admin Client |
| SUNWjasu | Japanese Application Server (usr) |
| SUNWjbcp | Japanese (EUC) utilities including libc and locale data to provide a binary-compatible execution environment for SunOS 4.x applications. |
| SUNWjcs3f | Japanese JIS X0212 Type1 fonts for printing |
| SUNWjdab | Japanese localization for CDE Desktop Application Builder |
| SUNWjdbas | Japanese localization for CDE application basic runtime environment |
| SUNWjddst | Japanese localization for CDE Desktop Applications |
| SUNWjddte | Japanese localization for Solaris Desktop Login Environment |
| SUNWjdhcm | Japanese Localizations for DHCP Manager |
| SUNWjdhe | Japanese localization for CDE Help Runtime environment |
| SUNWjdhed | Japanese localization for CDE Help Developer Environment |
| SUNWjdhev | Japanese localization for CDE Help Volumes |
| SUNWjdhez | Japanese localization for Desktop Power Pack Help Volumes |
| SUNWjdim | Japanese localization for Solaris CDE Image Viewer |

**TABLE 2–1** Solaris 9 8/03 (SPARC Platform Edition) Languages Packages *(Continued)*

| Package | Description |
|---------|-------------|
| SUNWjdma | Japanese localization for Manual pages for the common desktop environment, CDE |
| SUNWjdoc | Japanese Documentation Tools |
| SUNWjdwm | Japanese localization for CDE Desktop Window Manager |
| SUNWject | Japanese localization for UTF-8 Code Conversion Tool |
| SUNWjedev | Japanese (EUC) localization specific files for development |
| SUNWjedt | Japanese localization for Solaris Desktop Login Environment |
| SUNWjeezt | Japanese localization for Address Manager, Process Manager, File Finder, Perfmeter, Workstation Info |
| SUNWjej2m | Japanese (EUC) man pages |
| SUNWjeman | Japanese localization for System Reference Manual Pages |
| SUNWjepmm | Japanese localization for Power Management OW Utilities Man Pages |
| SUNWjepmw | Japanese localization for Power Management OW Utilities |
| SUNWjeudc | Japanese localization for User Defined Character tool for Solaris CDE environment |
| SUNWjexpx | Japanese localization for X Window System platform software (64-bit) |
| SUNWjfdl | Japanese localization for Solaris Desktop Font Downloader for Adobe Postscript (tm) printers |
| SUNWjfpr | Japanese localization common root files |
| SUNWjfpre | Japanese localization common root files (Extensions) |
| SUNWjfpu | Japanese localization common usr files |
| SUNWjfpue | Japanese localization common usr files (Extensions) |
| SUNWjfpux | Japanese localization common usr files (64-bit) |
| SUNWjfxmn | English manpages of Japanese features for X Window System. |
| SUNWjj2rt | Japanese Java virtual machine and core class libraries |
| SUNWjjaf | Japanese Java Activation Framework |
| SUNWjjmail | Japanese Java Mail Runtime |
| SUNWjjmfp | Japanese localization for JMF player |
| SUNWjkcsr | Japanese localization for Kodak Color Management System Runtime |
| SUNWjlvma | Japanese Localizations for Solaris Volume Management API's |
| SUNWjlvmg | Japanese Localizations for Solaris Volume Management Application |
| SUNWjman | manual pages (English) for Japanese localization specific features |

**TABLE 2–1** Solaris 9 8/03 (SPARC Platform Edition) Languages Packages    *(Continued)*

| Package | Description |
|---------|-------------|
| SUNWjmane | manual pages (English) for Japanese localization specific features (Extension) |
| SUNWjmfrn | Japanese localization for Motif 2.1 libraries, headers, xmbind and bindings |
| SUNWjmga | Japanese Solaris Management Applications |
| SUNWjorte | Japanese localization for OPEN LOOK toolkits runtime environment |
| SUNWjos | Japanese ON message files |
| SUNWjpdas | Japanese localization for tools to synchronize desktop applications with the Palm Pilot PDA |
| SUNWjpj2m | Japanese (PCK) man pages |
| SUNWjreg | Japanese localizations for Solaris User Registration |
| SUNWjrmui | Japanese Resource Management for Solaris |
| SUNWjsadl | Japanese localization for Solstice launcher and associated libraries. |
| SUNWjscag | Japanese localization for Solaris Smart Card Administration - Grahical User Interface component |
| SUNWjsfw | Japanese localization for freeware message |
| SUNWjsmc | Japanese Solaris Management Console 2.1 |
| SUNWjtlmn | Japanese localization of ToolTalk manual pages for ToolTalk programmers, OpenWindows users, and Common Desktop Environment (CDE) users |
| SUNWjtltk | Japanese localization for ToolTalk binaries and shared libraries needed for Common Desktop Environment (CDE), OpenWindows, and all ToolTalk clients |
| SUNWjuj2m | Japanese (UTF-8) man pages |
| SUNWjulcf | Japanese UTF-8 Locale Environment Common Files |
| SUNWjwacx | Japanese localization for AccessX client program |
| SUNWjwbc | Japanese Localizations for Solaris WBEM Services |
| SUNWjwbcp | Japanese localization for Support files, programs, and libraries for Openwindows Binary Compatibility. |
| SUNWjwbd | Japanese Localizations for Sun WBEM SDK resources |
| SUNWjwncr | Japanese Input System - Wnn6 Client, (Root) |
| SUNWjwncu | Japanese Input System - Wnn6 Client, (Usr) |
| SUNWjwncx | Japanese Input System - Wnn6 Client X Window System |
| SUNWjwndt | Japanese Input System - Wnn6 Client for CDE |
| SUNWjwnsr | Japanese Input System - Wnn6 Server, (Root) |

| Package | Description |
| --- | --- |
| SUNWjwnsu | Japanese Input System - Wnn6 Server, (Usr) |
| SUNWjws2 | Japanese localization for Solaris Product Registry & Web Start runtime support |
| SUNWjwsv | Japanese localization for Solaris Product Registry Viewer |
| SUNWjxcft | Japanese {Sun,HG,RICOH} Gothic TrueType Fonts and Resource files |
| SUNWjxfa | Japanese localization for Font Administration application for Solaris platforms |
| SUNWjxfnt | Japanese Sun {Gothic,Minchou} Bold and {Sun,HG,Heisei,RICOH} Minchou Medium Bitmap Fonts |
| SUNWjxim | Japanese localization for X Window System X Input Method Server Package |
| SUNWjxoft | Japanese {Sun,HG,Heisei} Minchou TrueType Fonts |
| SUNWjxplt | Japanese localization for X Window System platform software(server, DPS, extensions, Xlib, required & common clients) |
| SUNWjxpmn | Japanese localization for X Window System online programmers man pages |
| SUNWjxumn | Japanese localization for X Window System online user man pages |
| SUNWjxwsvr | X Window System Screen Saver/Locker Localization Files for Japanese Locale |
| SUNWkacx | Korean AccessX client program |
| SUNWkadis | Korean Localizations for admintool and GUI install. |
| SUNWkadma | Korean Localizations for Software used to perform system administration tasks. Admintool requires both this and SUNWkadis packages for Korean localization. |
| SUNWkbcp | This package contains Korean Language Environment binary compatibility files. |
| SUNWkcoft | Korean/Korean UTF-8 common optional font package |
| SUNWkdab | Korean Localizations for CDE Desktop Application Builder |
| SUNWkdbas | Korean Localizations for CDE Base functionality |
| SUNWkdcl | Korean Localizations for Solaris Diskless Client Management Application |
| SUNWkdcst | The localized tools package for Korean. |
| SUNWkddst | Korean Localizations for CDE Desktop Applications |
| SUNWkddte | Korean Localizations for CDE Desktop Login Environment |
| SUNWkdezt | Korean Localizations for Desktop Power Pack Applications |
| SUNWkdft | Fonts for the common desktop environment, Korean L10N CDE |
| SUNWkdhcm | Korean Localizations for DHCP Manager |
| SUNWkdhe | Korean Localizations for CDE Help Runtime environment |

**TABLE 2–1** Solaris 9 8/03 (SPARC Platform Edition) Languages Packages    *(Continued)*

| Package | Description |
| --- | --- |
| SUNWkdhev | Korean CDE Help Volumes |
| SUNWkdhez | Korean (Common) Localizations for Desktop Power Pack Help Volumes |
| SUNWkdicn | Korean Localizations for CDE Icons |
| SUNWkdim | Korean Localizations for CDE Imagetool |
| SUNWkdt | Korean Localizations for CDE Desktop Login Environment |
| SUNWkdwm | Korean Localizations for CDE Desktop Window Manager |
| SUNWkepmw | Korean Localization for Power Management OW Utilities |
| SUNWkfdl | Korean Solaris Font Downloader for Adobe Postscript (tm) TCP/IP printers |
| SUNWkj2rt | Java virtual machine and core class libraries (Korean supplement) |
| SUNWkjmfp | Korean Localization for JMF player |
| SUNWkkcsr | Korean (EUC) KCMS Runtime Environment |
| SUNWkleex | Korean Language Environment specific files. It is a required package to run Korean Language Environment (64-bit) |
| SUNWkleu | Korean Language Environment specific files. It is a required package to run Korean Language Environment |
| SUNWkleue | Korean Language Environment specific files. It is a required package to run Korean Language Environment |
| SUNWkleux | Korean Language Environment specific files. It is a required package to run Korean Language Environment (64-bit) |
| SUNWklvma | Korean Localizations for Solaris Volume Management API's |
| SUNWklvmg | Korean Localizations for Solaris Volume Management Application |
| SUNWkmga | Korean Solaris Management Applications |
| SUNWkoj2p | Korean localization of Java Plug-in 1.2.2 |
| SUNWkons | Korean localization of Netscape for Solaris |
| SUNWkorte | Korean OPENLOOK Toolkits Runtime Environment Package |
| SUNWkos | This package contains Korean Language Environment specific files. It is a required package to run Korean Language Environment |
| SUNWkpdas | Korean Localization for tools to synchronize desktop applications with the Palm Pilot PDA |
| SUNWkreg | Korean Localizations for Solaris User Registration |
| SUNWkrmui | Korean Resource Management for Solaris |
| SUNWksadl | Korean Localizationsfor Solstice Admintool launcher and associated libraries. |

TABLE 2–1 Solaris 9 8/03 (SPARC Platform Edition) Languages Packages    *(Continued)*

| Package | Description |
| --- | --- |
| SUNWkscgu | Korean Localizable Solaris Smart Card Administration - Grahical User Interface component |
| SUNWksfw | Korean localization for freeware message |
| SUNWksmc | Korean Solaris Management Console 2.1 |
| SUNWktltk | Korean ToolTalk Runtime Package Package |
| SUNWkttf | Korean True Type Fonts |
| SUNWkttfe | Korean True Type Font Extension |
| SUNWkudc | Korean Localizations for User Defined Character tool for Solaris CDE environment |
| SUNWkuxft | Korean UTF-8 X Windows Platform Required Fonts |
| SUNWkwbc | Korean Localisations for Solaris WBEM Services |
| SUNWkwbcp | Korean OpenWindows Binary Compatibility Package |
| SUNWkwdev | Korean Localizations for Solaris WBEM Services |
| SUNWkwsr2 | Korean Localizations for Solaris Product Registry |
| SUNWkwsrv | Korean Localizations for Solaris Product Registry Viewer |
| SUNWkxe | Korean X Windows Platform Software Package |
| SUNWkxfnt | Korean X Windows Platform Required Fonts |
| SUNWkxfte | Korean X Windows Platform Required Fonts |
| SUNWkxman | Korean X Windows Online User Man Pages Package |
| SUNWkxplt | Korean X Windows Platform Software Package |
| SUNWkxwsvr | X Window System Screen Saver/Locker Localization Files for Korean Locale |
| SUNWmeadt | Middle East CDE Support |
| SUNWmeaos | Middle East OS Support |
| SUNWmeaow | Middle East OW Support |
| SUNWmeaox | Middle East 64-bit OS Support |
| SUNWnafdt | Northern Africa CDE Support |
| SUNWnafos | Northern Africa OS Support |
| SUNWnafow | Northern Africa OW Support |
| SUNWnafox | Northern Africa 64-bit OS Support |
| SUNWnamdt | Northern America CDE Support |

**TABLE 2–1** Solaris 9 8/03 (SPARC Platform Edition) Languages Packages     *(Continued)*

| Package | Description |
|---|---|
| SUNWnamos | Northern America OS Support |
| SUNWnamow | Northern America OW Support |
| SUNWnamox | Northern America 64-bit OS Support |
| SUNWneudt | Northern Europe CDE Support |
| SUNWneuos | Northern Europe OS Support |
| SUNWneuow | Northern Europe OW Support |
| SUNWneuox | Northern Europe 64-bit OS Support |
| SUNWplns | Polish localization of Netscape for Solaris |
| SUNWplow1 | OpenWindows enabling for Supplementary Partial Locales |
| SUNWplow | OpenWindows enabling for Partial Locales |
| SUNWplxwsvr | X Window System Screen Saver/Locker Localization Files for Polish Locale |
| SUNWptns | Brazilian Portuguese localization of Netscape for Solaris |
| SUNWptxwsvr | X Window System Screen Saver/Locker Localization Files for Brazilian Portuguese Locale |
| SUNWruns | Russian localization of Netscape for Solaris |
| SUNWruxwsvr | X Window System Screen Saver/Locker Localization Files for Russian Locale |
| SUNWsamdt | Southern America CDE Support |
| SUNWsamos | Southern America OS Support |
| SUNWsamow | Southern America OW Support |
| SUNWsamox | Southern America 64-bit OS Support |
| SUNWsdcl | Diskless Client Management Application Swedish Localization |
| SUNWsdhcm | Swedish Localizations for DHCP Manager |
| SUNWseudt | Southern Europe CDE Support |
| SUNWseuos | Southern Europe OS Support |
| SUNWseuow | Southern Europe OW Support |
| SUNWseuox | Southern Europe 64-bit OS Support |
| SUNWsfdl | Swedish localization for the Font Downloader |
| SUNWsj2rt | Java virtual machine and core class libraries (Swedish supplement) |
| SUNWsjmfp | Swedish localization for JMF Player for playing audio and video files |

**TABLE 2–1** Solaris 9 8/03 (SPARC Platform Edition) Languages Packages     *(Continued)*

| Package | Description |
| --- | --- |
| SUNWskcsr | Swedish localization for Kodak Color Management System Runtime |
| SUNWslvma | Swedish Localizations for Solaris Volume Management API's |
| SUNWslvmg | Swedish Localizations for Solaris Volume Management Application |
| SUNWsmgp | Swedish Solaris Management Applications |
| SUNWsorte | Swedish localization for OPEN LOOK toolkits runtime environment |
| SUNWspdas | Swedish localization for tools to synchronize desktop applications with the Palm Pilot PDA |
| SUNWsrmui | Swedish Resource Management for Solaris |
| SUNWssadl | Swedish localization for Solstice launcher and associated libraries. |
| SUNWsscgu | Swedish localization for Solaris Smart Card Administration - Grahical User Interface component |
| SUNWssfw | Swedish localization for freeware message |
| SUNWstltk | Swedish localization for ToolTalk binaries and shared libraries needed for Common Desktop Environment (CDE), OpenWindows, and all ToolTalk clients |
| SUNWsvbas | Swedish localization for CDE application basic runtime environment |
| SUNWsvdis | Swedish localization for Software used to perform system administration tasks |
| SUNWsvdma | Swedish localization for Software used to perform system administration tasks |
| SUNWsvdst | Swedish localization for CDE Desktop Applications |
| SUNWsvdte | Swedish localization for Solaris Desktop Login Environment |
| SUNWsvhe | Swedish localization for CDE Help Runtime environment |
| SUNWsvhed | Swedish localization for CDE Help Developer Environment |
| SUNWsvhev | Swedish localization for CDE Help Volumes |
| SUNWsvhez | Swedish localization for Desktop Power Pack Help Volumes |
| SUNWsvim | Swedish localization for Solaris CDE Image Viewer |
| SUNWsvj2p | Swedish localization of Java Plug-in 1.2.2 |
| SUNWsvlu | Swedish localization for Live Upgrade 2.0 05/02 (root) |
| SUNWsvns | Swedish localization of Netscape for Solaris |
| SUNWsvos | Swedish ON message files |
| SUNWsvpmw | Swedish localization for Power Management OW Utilities, (Root) |
| SUNWsvreg | Swedish localization for Solaris User Registration prompts at desktop login for user registration information. |

| Package | Description |
| --- | --- |
| SUNWsvsmc | Swedish Solaris Management Console 2.1 |
| SUNWsvspl | Spell Checking Engine - Swedish Dictionary |
| SUNWsvwbc | Swedish Localizations for Solaris WBEM Services |
| SUNWsvwm | Swedish localization for CDE Desktop Window Manager |
| SUNWsvws2 | Swedish localization for Solaris Product Registry & Web Start runtime support |
| SUNWsvwsv | Swedish localization for Solaris Product Registry Viewer |
| SUNWsvxwsvr | X Window System Screen Saver/Locker Localization Files for Swedish Locale |
| SUNWswacx | Swedish localization for AccessX client program |
| SUNWswdev | Swedish Localizations for Sun WBEM SDK resources |
| SUNWsxplt | Swedish X Windows platform software |
| SUNWtdbas | Thai Localizations for CDE Base functionality |
| SUNWtddst | Thai Localizations for CDE Desktop Applications |
| SUNWtddte | Thai Localizations for CDE Desktop Login Environment |
| SUNWtdft | Thai Localizations for CDE Fonts |
| SUNWtdwm | Thai Localizations for CDE Desktop Window Manager |
| SUNWtleu | Thai Language Environment specific files. It is a required package to run Thai Language Environment |
| SUNWtleux | Thai Language Environment specific files. It is a required package to run Thai Language Environment (64-bit) |
| SUNWtxplt | Thai X Windows Platform Software Package |
| SUNWudct | User Defined Character tool for Solaris CDE environment |
| SUNWvbcp | Swedish OS Binary Compatibility Package |
| SUNWvwbcp | Swedish OpenWindows Binary Compatibility Package |
| SUNWweudt | Western Europe CDE Support |
| SUNWweuos | Western Europe OS Support |
| SUNWweuow | Western Europe OW Support |
| SUNWweuox | Western Europe 64-bit OS Support |

**TABLE 2–2** Solaris 9 8/03 (x86 Platform Edition) Languages Packages

| Package | Description |
| --- | --- |
| IPLTcadcon | Administration Server Console Client package Simplified Chinese Localization |
| IPLTcadman | Administration Server Documentation Simplified Chinese Localization |
| IPLTcadmin | Administration Server Simplified Chinese Localization |
| IPLTccons | Console Client Base package Simplified Chinese Localization |
| IPLTcdscon | Directory Server Console Simplified Chinese Localization |
| IPLTcdsman | Directory Server Documentation Simplified Chinese Localization |
| IPLTcdsu | Directory Server Simplified Chinese Localization |
| IPLTjadcon | Administration Server Console Client package Japanese Localization |
| IPLTjadman | Administration Server Documentation Japanese Localization |
| IPLTjadmin | Administration Server Japanese Localization |
| IPLTjcons | Console Client Base package Japanese Localization |
| IPLTjdscon | Directory Server Console Japanese Localization |
| IPLTjdsman | Directory Server Documentation Japanese Localization |
| IPLTjdsu | Directory Server Japanese Localization |
| JSatsvr | Japanese Input System ATOK12 root files |
| JSatsvu | Japanese Input System ATOK12 usr files |
| JSatsvw | Japanese Input System ATOK12 X11 support files |
| NSCP5com | zh_TW.BIG5 localization of Netscape Communicator 4.78 supporting International security. |
| NSCPccom | Simplified Chinese localization of Netscape Communicator 4.78 supporting International security. |
| NSCPcpcom | Simplified Chinese partial version of Netscape Communicator 4.78 supporting International security. |
| NSCPcucom | zh.UTF-8 localization of Netscape Communicator 4.78 supporting International security. |
| NSCPdecom | German localization of Netscape Communicator 4.78 supporting International security. |
| NSCPescom | Spanish localization of Netscape Communicator 4.78 supporting International security. |
| NSCPeu8cm | American English (UTF-8) Netscape Communicator Localization |
| NSCPfrcdo | French localization of Netscape Communicator 4.78 supporting U.S. security. |

| Package | Description |
| --- | --- |
| NSCPfrcom | French localization of Netscape Communicator 4.78 supporting International security. |
| NSCPgcom | zh.GBK localization of Netscape Communicator 4.78 supporting International security. |
| NSCPhcom | Traditional Chinese localization of Netscape Communicator 4.78 supporting International security. |
| NSCPhpcom | Traditional Chinese partial version of Netscape Communicator 4.78 supporting International security. |
| NSCPhucom | zh_TW.UTF-8 localization of Netscape Communicator 4.78 supporting International security. |
| NSCPitcom | Italian localization of Netscape Communicator 4.78 supporting International security. |
| NSCPjacom | Japanese (common) localization of Netscape Communicator 4.78 supporting International security. |
| NSCPjecom | Japanese (EUC) localization of Netscape Communicator 4.78 supporting International security. |
| NSCPjpcom | Japanese (PCK) localization of Netscape Communicator 4.78 supporting International security. |
| NSCPjucom | Japanese (UTF-8) localization of Netscape Communicator 4.78 supporting International security. |
| NSCPkocom | Korean localization of Netscape Communicator 4.78 supporting International security. |
| NSCPkpcom | Korean Partial version of Netscape Communicator 4.78 supporting International security. |
| NSCPkucom | ko.UTF-8 localization of Netscape Communicator 4.78 supporting International security. |
| NSCPsvcom | Swedish localization of Netscape Communicator 4.78 supporting International security. |
| SUNW5ttf | Traditional Chinese True Type Fonts Package |
| SUNW5ttfe | Traditional Chinese True Type Fonts Package Extension |
| SUNW5xfnt | Traditional Chinese BIG5 X Windows Platform required Fonts Package |
| SUNWale | Common files shared by Chinese, Japanese and Korean locales. It is a required package to run Asian Language Environment |
| SUNWaled | Common man pages shared by Chinese, Japanese and Korean locales. |
| SUNWauadt | Australasia CDE Support |

| Package | Description |
|---|---|
| SUNWauaos | Australasia OS Support |
| SUNWauaow | Australasia OW Support |
| SUNWcacx | Simplified Chinese AccessX client program |
| SUNWcadis | Simplified Chinese Localizations for admintool and GUI install. |
| SUNWcadma | Simplified Chinese Localizations for Software used to perform system administration tasks. Admintool requires both this and SUNWhadis packages for Simplified Chinese localization. |
| SUNWcamdt | Central America CDE Support |
| SUNWcamos | Central America OS Support |
| SUNWcamow | Central America OW Support |
| SUNWcdab | Simplified Chinese Localizations for CDE Desktop Application Builder |
| SUNWcdbas | Simplified Chinese Localizations for CDE Base functionality |
| SUNWcdcl | Simplified Chinese Localizations for Solaris Diskless Client Management Application |
| SUNWcddst | Simplified Chinese Localizations for CDE Desktop Applications |
| SUNWcddte | Simplified Chinese Localizations for CDE Desktop Login Environment |
| SUNWcdezt | Simplified Chinese Localizations for Desktop Power Pack Applications |
| SUNWcdft | Simplified Chinese Localizations for CDE Fonts |
| SUNWcdhcm | Simplified Chinese Localizations for DHCP Manager |
| SUNWcdhe | Simplified Chinese Localizations for CDE Help Runtime environment |
| SUNWcdhev | Simplified Chinese CDE Help Volumes |
| SUNWcdhez | Simplified Chinese (Common) Desktop Power Pack Help Volumes |
| SUNWcdicn | Simplified Chinese Localizations for CDE Icons |
| SUNWcdim | Simplified Chinese Localizations for CDE Imagetool |
| SUNWcdt | Simplified Chinese Localizations for CDE Desktop Login Environment |
| SUNWcdwm | Simplified Chinese Localizations for CDE Desktop Window Manager |
| SUNWcepmw | Simplified Chinese Localization for Power Management OW Utilities |
| SUNWceudt | Central Europe CDE Support |
| SUNWceuos | Central Europe OS Support |
| SUNWceuow | Central Europe OW Support |

| Package | Description |
|---------|-------------|
| SUNWcfdl | Simplified Chinese Solaris Font Downloader for Adobe Postscript (tm) TCP/IP printers |
| SUNWcj2p | Simplified Chinese localization of Java Plug-in 1.2.2 |
| SUNWcj2rt | Java virtual machine and core class libraries (Simplified Chinese supplement) |
| SUNWcjmfp | Simplified Chinese Localization for JMF player |
| SUNWckcsr | Simplified Chinese (EUC) KCMS Runtime Environment |
| SUNWcleu | Simplified Chinese Language Environment specific files. It is a required package to run Simplified Chinese Language Environment |
| SUNWcleue | Simplified Chinese Language Environment specific files. It is a required package to run Simplified Chinese Language Environment |
| SUNWclvma | Simplified Chinese Localizations for Solaris Volume Management API's |
| SUNWclvmg | Simplified Chinese Localizations for Solaris Volume Management Application |
| SUNWcmga | Simplified Chinese Solaris Management Applications |
| SUNWcns | Simplified Chinese localization of Netscape for Solaris |
| SUNWcorte | Simplified Chinese (EUC) OPENLOOK Toolkits Runtime Environment Package |
| SUNWcos | This package contains Simplified Chinese Language Environment specific files. It is a required package to run Simplified Chinese Language Environment |
| SUNWcpdas | Simplified Chinese Localization for tools to synchronize desktop applications with the Palm Pilot PDA |
| SUNWcreg | Simplified Chinese Localizations for Solaris User Registration |
| SUNWcrmui | Simplified Chinese Resource Management for Solaris |
| SUNWcsadl | Simplified Chinese Localizationsfor Solstice Admintool launcher and associated libraries. |
| SUNWcsfw | Simplified Chinese localization for freeware message |
| SUNWcsmc | Simplified Chinese Solaris Management Console 2.1 |
| SUNWctltk | Simplified Chinese (EUC) ToolTalk Runtime Package Package |
| SUNWcttf | Simplified Chinese (EUC) True Type Fonts |
| SUNWcttfe | Simplified Chinese (EUC) True Type Fonts |
| SUNWcudc | Simplified Chinese Localizations for User Defined Character tool for Solaris CDE environment |
| SUNWcufnt | Simplified Chinese (UTF-8) X Windows Platform required Fonts |

| Package | Description |
| --- | --- |
| SUNWcwbc | Simplified Chinese Localisations for Solaris WBEM Services |
| SUNWcwdev | Simplified Chinese Localizations for Solaris WBEM Services |
| SUNWcwsr2 | Simplified Chinese Localizations for Solaris Product Registry |
| SUNWcwsrv | Simplified Chinese Localizations for Solaris Product Registry Viewer |
| SUNWcxe | Simplified Chinese X Windows Platform Software Package |
| SUNWcxfnt | Simplified Chinese (EUC) X Windows Platform Required Fonts |
| SUNWcxman | Simplified Chinese (EUC) X Windows Online User Man Pages Package |
| SUNWcxplt | Simplified Chinese X Windows Platform Software Package |
| SUNWcxwsvr | X Window System Screen Saver/Locker Localization Files for Simplified Chinese Locale |
| SUNWddcl | Diskless Client Management Application German Localization |
| SUNWddhcm | German Localizations for DHCP Manager |
| SUNWdebas | German localization for CDE application basic runtime environment |
| SUNWdedis | German localization for Software used to perform system administration tasks |
| SUNWdedma | German localization for Software used to perform system administration tasks |
| SUNWdedst | German localization for CDE Desktop Applications |
| SUNWdedte | German localization for Solaris Desktop Login Environment |
| SUNWdehe | German localization for CDE Help Runtime environment |
| SUNWdehed | German localization for CDE Help Developer Environment |
| SUNWdehev | German localization for CDE Help Volumes |
| SUNWdehez | German localization for Desktop Power Pack Help Volumes |
| SUNWdeim | German localization for Solaris CDE Image Viewer |
| SUNWdej2p | German localization of Java Plug-in 1.2.2 |
| SUNWdelu | German localization for Live Upgrade 2.0 05/02 (root) |
| SUNWdens | German localization of Netscape for Solaris |
| SUNWdeos | German ON message files |
| SUNWdepmw | German localization for Power Management OW Utilities, (Root) |
| SUNWdereg | German localizasion for Solaris User Registration prompts at desktop login for user registration information. |

**TABLE 2–2** Solaris 9 8/03 (x86 Platform Edition) Languages Packages    *(Continued)*

| Package | Description |
|---|---|
| SUNWdesmc | German Solaris Management Console 2.1 |
| SUNWdespl | Spell Checking Engine - German Dictionary |
| SUNWdewbc | German Localizations for Solaris WBEM Services |
| SUNWdewm | German localization for CDE Desktop Window Manager |
| SUNWdews2 | German localization for Solaris Product Registry & Web Start runtime support |
| SUNWdewsv | German localization for Solaris Product Registry Viewer |
| SUNWdexwsvr | X Window System Screen Saver/Locker Localization Files for German Locale |
| SUNWdfdl | German localization for the Font Downloader |
| SUNWdj2rt | Java virtual machine and core class libraries (German supplement) |
| SUNWdjmfp | German localization for JMF Player for playing audio and video files |
| SUNWdkcsr | German localization for Kodak Color Management System Runtime |
| SUNWdlvma | German Localizations for Solaris Volume Management API's |
| SUNWdlvmg | German Localizations for Solaris Volume Management Application |
| SUNWdmgp | German Solaris Management Applications |
| SUNWdorte | German localization for OPEN LOOK toolkits runtime environment |
| SUNWdpdas | German localization for tools to synchronize desktop applications with the Palm Pilot PDA |
| SUNWdrmui | German Resource Management for Solaris |
| SUNWdsadl | German localization for Solstice launcher and associated libraries |
| SUNWdsfw | German localization for freeware message |
| SUNWdtltk | German localization for ToolTalk binaries and shared libraries needed for Common Desktop Environment (CDE), OpenWindows, and all ToolTalk clients |
| SUNWdwacx | German localization for AccessX client program |
| SUNWdwdev | German Localizations for Sun WBEM SDK resources |
| SUNWdxplt | German X Windows platform software |
| SUNWedcl | Spanish Localizations for Solaris Diskless Client Management Application |
| SUNWedhcm | Spanish Localizations for DHCP Manager |
| SUNWeeudt | Eastern Europe CDE Support |
| SUNWeeuos | Eastern Europe OS Support |

| Package | Description |
| --- | --- |
| SUNWeeuow | Eastern Europe OW Support |
| SUNWefdl | Spanish localization for the Font Downloader |
| SUNWej2rt | Java virtual machine and core class libraries (Spanish supplement) |
| SUNWejmfp | Spanish localization for JMF Player for playing audio and video files |
| SUNWekcsr | Spanish localization for Kodak Color Management System Runtime |
| SUNWelvma | Spanish Localizations for Solaris Volume Management API's |
| SUNWelvmg | Spanish Localizations for Solaris Volume Management Application |
| SUNWemgp | Spanish Solaris Management Applications |
| SUNWeorte | Spanish localization for OPEN LOOK toolkits runtime environment |
| SUNWepdas | Spanish localization for tools to synchronize desktop applications with the Palm Pilot PDA |
| SUNWermui | Spanish Resource Management for Solaris |
| SUNWesadl | Spanish localization for Solstice launcher and associated libraries. |
| SUNWesbas | Spanish localization for CDE application basic runtime environment |
| SUNWesdis | Spanish localization for Software used to perform system administration tasks |
| SUNWesdma | Spanish localization for Software used to perform system administration tasks |
| SUNWesdst | Spanish localization for CDE Desktop Applications |
| SUNWesdte | Spanish localization for Solaris Desktop Login Environment |
| SUNWesfw | Spanish localization for freeware message |
| SUNWeshe | Spanish localization for CDE Help Runtime environment |
| SUNWeshed | Spanish localization for CDE Help Developer Environment |
| SUNWeshev | Spanish localization for CDE Help Volumes |
| SUNWeshez | Spanish localization for Desktop Power Pack Help Volumes |
| SUNWesim | Spanish localization for Solaris CDE Image Viewer |
| SUNWesj2p | Spanish localization of Java Plug-in 1.2.2 |
| SUNWeslu | Spanish localization for Live Upgrade 2.0 05/02 (root) |
| SUNWesns | Spanish localization of Netscape for Solaris |
| SUNWesos | Spanish ON message files |
| SUNWespmw | Spanish localization for Power Management OW Utilities, (Root) |

**TABLE 2–2** Solaris 9 8/03 (x86 Platform Edition) Languages Packages     *(Continued)*

| Package | Description |
| --- | --- |
| SUNWesreg | Spanish localization for Solaris User Registration prompts at desktop login for user registration information. |
| SUNWessmc | Spanish Solaris Management Console 2.1 |
| SUNWesspl | Spell Checking Engine - Spanish Dictionary |
| SUNWeswbc | Spanish Localizations for Solaris WBEM Services |
| SUNWeswm | Spanish localization for CDE Desktop Window Manager |
| SUNWesws2 | Spanish localization for Solaris Product Registry & Web Start runtime support |
| SUNWeswsv | Spanish localization for Solaris Product Registry Viewer |
| SUNWesxwsvr | X Window System Screen Saver/Locker Localization Files for Spanish Locale |
| SUNWetltk | Spanish localization for ToolTalk binaries and shared libraries needed for Common Desktop Environment (CDE), OpenWindows, and all ToolTalk clients |
| SUNWeu8df | American English/UTF-8 Core Desktop Files |
| SUNWeu8os | American English/UTF-8 L10N For OS Environment User Files |
| SUNWeudba | American English/UTF-8 L10N For CDE Base |
| SUNWeudbd | American English/UTF-8 L10N for CDE Dtbuilder |
| SUNWeudda | American English/UTF-8 L10N For CDE Desktop Applications |
| SUNWeudhr | American English/UTF-8 L10N for CDE Help Runtime |
| SUNWeudhs | American English/UTF-8 L10N For CDE Help Runtime |
| SUNWeudis | American English/UTF-8 L10N For CDE Icons |
| SUNWeudiv | American English/UTF-8 L10N For Desktop Image tools |
| SUNWeudlg | American English/UTF-8 L10N For CDE Desktop Login Environment |
| SUNWeudmg | American English/UTF-8 L10N For Desktop Window Manager |
| SUNWeuezt | American English/UTF-8 L10N For Desktop Power Pack Applications |
| SUNWeuhed | American English/UTF-8 L10N for CDE Help Developer Environment |
| SUNWeuluf | American English/UTF-8 L10N For Environment User Files |
| SUNWeusru | American English/UTF-8 L10N For Solaris User Registration |
| SUNWewacx | Spanish localization for AccessX client program |
| SUNWewdev | Spanish Localizations for Sun WBEM SDK resources |
| SUNWexplt | Spanish X Windows platform software |

**TABLE 2–2** Solaris 9 8/03 (x86 Platform Edition) Languages Packages     *(Continued)*

| Package | Description |
|---------|-------------|
| SUNWfdcl | French Localizations for Solaris Diskless Client Management Application |
| SUNWfdhcm | French Localizations for DHCP Manager |
| SUNWffdl | French localization for strings for the Font Downloader |
| SUNWfj2rt | Java virtual machine and core class libraries (French supplement) |
| SUNWfjmfp | French localization for JMF Player for playing audio and video files |
| SUNWfkcsr | French localization for Kodak Color Management System Runtime |
| SUNWflvma | French Localizations for Solaris Volume Management API's |
| SUNWflvmg | French Localizations for Solaris Volume Management Application |
| SUNWfmgp | French Solaris Management Applications |
| SUNWforte | French localization for OPEN LOOK toolkits runtime environment |
| SUNWfpdas | French localization for tools to synchronize desktop applications with the Palm Pilot PDA |
| SUNWfrbas | French localization for CDE application basic runtime environment |
| SUNWfrdis | French localization for Software used to perform system administration tasks |
| SUNWfrdma | French localization for Software used to perform system administration tasks |
| SUNWfrdst | French localization for CDE Desktop Applications |
| SUNWfrdte | French localization for Solaris Desktop Login Environment |
| SUNWfrhe | French localization for CDE Help Runtime environment |
| SUNWfrhed | French localization for CDE Help Developer Environment |
| SUNWfrhev | French localization for CDE Help Volumes |
| SUNWfrhez | French localization for Desktop Power Pack Help Volumes |
| SUNWfrim | French localization for Solaris CDE Image Viewer |
| SUNWfrj2p | French localization of Java Plug-in 1.2.2 |
| SUNWfrlu | French localization for Live Upgrade 2.0 05/02 (root) |
| SUNWfrmui | French Resource Management for Solaris |
| SUNWfrns | French localization of Netscape for Solaris |
| SUNWfros | French ON message files |
| SUNWfrpmw | French localization for Power Management OW Utilities, (Root) |

| Package | Description |
| --- | --- |
| SUNWfrreg | French localization for Solaris User Registration prompts at desktop login for user registration information. |
| SUNWfrsmc | French Solaris Management Console 2.1 |
| SUNWfrspl | Spell Checking Engine - French Dictionary |
| SUNWfrwbc | French Localizations for Solaris WBEM Services |
| SUNWfrwm | French localization for CDE Desktop Window Manager |
| SUNWfrws2 | French localization for Solaris Product Registry & Web Start runtime support |
| SUNWfrwsv | French localization for Solaris Product Registry Viewer |
| SUNWfrxwsvr | X Window System Screen Saver/Locker Localization Files for French Locale |
| SUNWfsadl | French localization for Solstice launcher and associated libraries. |
| SUNWfsfw | French localization for freeware message |
| SUNWftltk | French localization for ToolTalk binaries and shared libraries needed for Common Desktop Environment (CDE), OpenWindows, and all ToolTalk clients |
| SUNWfwacx | French localization for AccessX client program |
| SUNWfwdev | French Localizations for Sun WBEM SDK resources |
| SUNWfxplt | French X Windows platform software |
| SUNWgnome-l10ndocument-de | GNOME document files for German |
| SUNWgnome-l10ndocument-es | GNOME document files for Spanish |
| SUNWgnome-l10ndocument-fr | GNOME document files for French |
| SUNWgnome-l10ndocument-it | GNOME document files for Italian |
| SUNWgnome-l10ndocument-ja | GNOME document files for Japanese |
| SUNWgnome-l10ndocument-ko | GNOME document files for Korean |
| SUNWgnome-l10ndocument-sv | GNOME document files for Swedish |
| SUNWgnome-l10ndocument-zhCN | GNOME document files for Simplified Chinese |

**TABLE 2–2** Solaris 9 8/03 (x86 Platform Edition) Languages Packages     *(Continued)*

| Package | Description |
|---------|-------------|
| SUNWgnome-l10ndocument-zhTW | GNOME document files for Traditional Chinese |
| SUNWgnome-l10nmessages-de | GNOME software message files for German |
| SUNWgnome-l10nmessages-es | GNOME software message files for Spanish |
| SUNWgnome-l10nmessages-fr | GNOME software message files for French |
| SUNWgnome-l10nmessages-it | GNOME software message files for Italian |
| SUNWgnome-l10nmessages-ja | GNOME software message files for Japanese |
| SUNWgnome-l10nmessages-ko | GNOME software message files for Korean |
| SUNWgnome-l10nmessages-pl | GNOME software message files for Polish |
| SUNWgnome-l10nmessages-ptBR | GNOME software message files for Portugese Brazilian |
| SUNWgnome-l10nmessages-ru | GNOME software message files for Russian |
| SUNWgnome-l10nmessages-sv | GNOME software message files for Swedish |
| SUNWgnome-l10nmessages-zhCN | GNOME software message files for Simplified Chinese |
| SUNWgnome-l10nmessages-zhHK | GNOME software message files for Hong Kong Chinese |
| SUNWgnome-l10nmessages-zhTW | GNOME software message files for Traditional Chinese |
| SUNWgttf | Simplified Chinese (GBK) True Type Fonts |
| SUNWgttfe | Simplified Chinese (GBK) True Type Fonts |
| SUNWgxfnt | Simplified Chinese (GBK) X Windows Platform required Fonts |
| SUNWhacx | Traditional Chinese AccessX client program |
| SUNWhadis | Traditional Chinese Localizations for admintool and GUI install. |

| Package | Description |
|---------|-------------|
| SUNWhadma | Traditional Chinese Localizations for Software used to perform system administration tasks. Admintool requires both this and SUNWhadis packages for Traditional Chinese localization. |
| SUNWhdab | Traditional Chinese Localizations for CDE Desktop Application Builder |
| SUNWhdbas | Traditional Chinese Localizations for CDE Base functionality |
| SUNWhdcl | Traditional Chinese Localizations for Solaris Diskless Client Management Application |
| SUNWhddst | Traditional Chinese Localizations for CDE Desktop Applications |
| SUNWhddte | Traditional Chinese Localizations for CDE Desktop Login Environment |
| SUNWhdezt | Traditional Chinese Localizations for Desktop Power Pack Applications |
| SUNWhdft | Traditional Chinese Localizations for CDE Fonts |
| SUNWhdhcm | Traditional Chinese Localizations for DHCP Manager |
| SUNWhdhe | Traditional Chinese Localizations for CDE Help Runtime environment |
| SUNWhdhev | Traditional Chinese CDE Help Volumes |
| SUNWhdhez | Traditional Chinese (Common) Localizations for Desktop Power Pack Help Volumes |
| SUNWhdicn | Traditional Chinese Localizations for CDE Icons |
| SUNWhdim | Traditional Chinese Localizations for CDE Imagetool |
| SUNWhdt | Traditional Chinese Localizations for CDE Desktop Login Environment |
| SUNWhdwm | Traditional Chinese Localizations for CDE Desktop Window Manager |
| SUNWhepmw | Traditional Chinese Localization for Power Management OW Utilities |
| SUNWhfdl | Traditional Chinese Solaris Font Downloader for Adobe Postscript (tm) TCP/IP printers |
| SUNWhj2p | Traditional Chinese localization of Java Plug-in 1.2.2 |
| SUNWhj2rt | Java virtual machine and core class libraries (Traditional Chinese supplement) |
| SUNWhjmfp | Traditional Chinese Localization for JMF player |
| SUNWhkcsr | Traditional Chinese (EUC) KCMS Runtime Environment |
| SUNWhkdcl | Traditional Chinese (Hong Kong) Localizations for Solaris Diskless Client Management Application |
| SUNWhkdt | Traditional Chinese (Hong Kong) Localizations for CDE Desktop Login Environment |
| SUNWhkeue | Traditional Chinese (Hong Kong) Language Environment specific files. It is a required package to run Traditional Chinese (Hong Kong) Language Environment |

**TABLE 2–2** Solaris 9 8/03 (x86 Platform Edition) Languages Packages     *(Continued)*

| Package | Description |
|---------|-------------|
| SUNWhkfnt | Traditional Chinese (Hong Kong) X Windows Platform required Fonts Package |
| SUNWhkleu | Traditional Chinese (Hong Kong) Language Environment specific files. |
| SUNWhklvmg | Traditional Chinese (Hong Kong) Localizations for Solaris Volume Management Application |
| SUNWhkmga | Traditional Chinese (Hong Kong) Solaris Management Applications |
| SUNWhkplt | Traditional Chines(Hong Kong) X Windows Platform Software Package |
| SUNWhkrmui | Traditional Chinese (Hong Kong) Resource Management for Solaris |
| SUNWhksmc | Traditional Chinese (Hong Kong) Solaris Management Console 2.1 |
| SUNWhkttf | Traditional Chinese Hong Kong Supplementary Character Set True Type Fonts Package |
| SUNWhkxe | Traditional Chinese(Hong Kong) X Windows Platform Software Package |
| SUNWhleu | Traditional Chinese Language Environment specific files. It is a required package to run Traditional Chinese Language Environment |
| SUNWhleue | Traditional Chinese Language Environment specific files. It is a required package to run Traditional Chinese Language Environment |
| SUNWhlvma | Traditional Chinese Localizations for Solaris Volume Management API's |
| SUNWhlvmg | Traditional Chinese Localizations for Solaris Volume Management Application |
| SUNWhmga | Traditional Chinese Solaris Management Applications |
| SUNWhns | Traditional Chinese localization of Netscape for Solaris |
| SUNWhorte | Traditional Chinese OPENLOOK Toolkits Runtime Environment Package |
| SUNWhos | A pre-defined minimal software configuration consisting of the minimum required software for a standalone, non-networked workstation. |
| SUNWhpdas | Traditional Chinese Localization for tools to synchronize desktop applications with the Palm Pilot PDA |
| SUNWhreg | Traditional Chinese Localizations for Solaris User Registration |
| SUNWhrmui | Traditional Chinese Resource Management for Solaris |
| SUNWhsadl | Traditional Chinese Localizationsfor Solstice Admintool launcher and associated libraries. |
| SUNWhsfw | Traditional Chinese localization for freeware message |
| SUNWhsmc | Traditional Chinese Solaris Management Console 2.1 |
| SUNWhtltk | Traditional Chinese ToolTalk Runtime Package Package |

| Package | Description |
| --- | --- |
| SUNWhttf | Traditional Chinese True Type Fonts Package |
| SUNWhttfe | Traditional Chinese True Type optional Fonts Package Extension |
| SUNWhudc | Traditional Chinese Localizations for User Defined Character tool for Solaris CDE environment |
| SUNWhufnt | Traditional Chinese (UTF-8) X Windows Platform required Fonts |
| SUNWhwbc | Traditional Chinese Localisations for Solaris WBEM Services |
| SUNWhwdev | Traditional Chinese Localizations for Solaris WBEM Services |
| SUNWhwsr2 | Traditional Chinese Localizations for Solaris Product Registry |
| SUNWhwsrv | Traditional Chinese Localizations for Solaris Product Registry Viewer |
| SUNWhxe | Traditional Chinese X Windows Platform Software Package |
| SUNWhxfnt | Traditional Chinese X Windows Platform required Fonts Package |
| SUNWhxman | Traditional Chinese X Windows Online User Man Pages Package |
| SUNWhxplt | Traditional Chinese X Windows Platform Software Package |
| SUNWhxwsvr | X Window System Screen Saver/Locker Localization Files for Traditional Chinese Locale |
| SUNWi13cs | X11 ISO8859-13 Codeset Support |
| SUNWi15cs | X11 ISO8859-15 Codeset Support |
| SUNWi1cs | X11 ISO8859-1 Codeset Support |
| SUNWi2cs | X11 ISO8859-2 Codeset Support |
| SUNWi5cs | X11 ISO8859-5 Codeset Support |
| SUNWi7cs | X11 ISO8859-7 Codeset Support |
| SUNWi9cs | X11 ISO8859-9 Codeset Support |
| SUNWidcl | Italian Localizations for Solaris Diskless Client Management Application |
| SUNWidhcm | Italian Localizations for DHCP Manager |
| SUNWifdl | Italian localization for strings for the Font Downloader |
| SUNWiiimr | Internet/Intranet Input Method Framework (Root) |
| SUNWiiimu | Internet/Intranet Input Method Framework (Usr) |
| SUNWij2rt | Java virtual machine and core class libraries (Italian supplement) |
| SUNWijmfp | Italian localization for JMF Player for playing audio and video files |

**TABLE 2–2** Solaris 9 8/03 (x86 Platform Edition) Languages Packages *(Continued)*

| Package | Description |
| --- | --- |
| SUNWikcsr | Italian localization for Kodak Color Management System Runtime |
| SUNWilvma | Italian Localizations for Solaris Volume Management API's |
| SUNWilvmg | Italian Localizations for Solaris Volume Management Application |
| SUNWimgp | Italian Solaris Management Applications |
| SUNWindt | Indic Localizations for CDE Desktop Login Environment |
| SUNWinfnt | Indic (UTF-8) X Windows Platform required Fonts |
| SUNWinleu | Indic package contains Indic Language Environment specific files. It is a required package to run Indic Language Environment |
| SUNWinplt | Indic X Windows Platform Software Package |
| SUNWinttf | Indic True Type Fonts |
| SUNWiorte | Italian localization for OPEN LOOK toolkits runtime environment |
| SUNWipdas | Italian localization for tools to synchronize desktop applications with the Palm Pilot PDA |
| SUNWiqcja | Sun ONE Message Queue Client Runtime ja Localizations |
| SUNWiqczh | Sun ONE Message Queue Client Runtime zh_CN Localizations |
| SUNWiqdja | Sun ONE Message Queue Javadoc and Examples ja Localizations |
| SUNWiqdzh | Sun ONE Message Queue Javadoc and Examples zh_CN Localizations |
| SUNWiqija | Sun ONE Message Queue Server and Admin ja Localizations |
| SUNWiqizh | Sun ONE Message Queue Server and Admin zh_CN Localizations |
| SUNWirmui | Italian Resource Management for Solaris |
| SUNWisadl | Italian localization for Solstice launcher and associated libraries. |
| SUNWisfw | Italian localization for freeware message |
| SUNWitbas | Italian localization for CDE application basic runtime environment |
| SUNWitdis | Italian localization for Software used to perform system administration tasks |
| SUNWitdma | Italian localization for Software used to perform system administration tasks |
| SUNWitdst | Italian localization for CDE Desktop Applications |
| SUNWitdte | Italian localization for Solaris Desktop Login Environment |
| SUNWithe | Italian localization for CDE Help Runtime environment |
| SUNWithed | Italian localization for CDE Help Developer Environment |

| Package | Description |
|---|---|
| SUNWithev | Italian localization for CDE Help Volumes |
| SUNWithez | Italian localization for Desktop Power Pack Help Volumes |
| SUNWitim | Italian localization for Solaris CDE Image Viewer |
| SUNWitj2p | Italian localization of Java Plug-in 1.2.2 |
| SUNWitltk | Italian localization for ToolTalk binaries and shared libraries needed for Common Desktop Environment (CDE), OpenWindows, and all ToolTalk clients |
| SUNWitlu | Italian localization for Live Upgrade 2.0 05/02 (root) |
| SUNWitns | Italian localization of Netscape for Solaris |
| SUNWitos | Italian ON message files |
| SUNWitpmw | Italian localization for Power Management OW Utilities, (Root) |
| SUNWitreg | Italian localization for Solaris User Registration prompts at desktop login for user registration |
| SUNWitsmc | Italian Solaris Management Console 2.1 |
| SUNWitspl | Spell Checking Engine - Italian Dictionary |
| SUNWitwbc | Italian Localizations for Solaris WBEM Services |
| SUNWitwm | Italian localization for CDE Desktop Window Manager |
| SUNWitws2 | Italian localization for Solaris Product Registry & Web Start runtime support |
| SUNWitwsv | Italian localization for Solaris Product Registry Viewer |
| SUNWitxwsvr | X Window System Screen Saver/Locker Localization Files for Italian Locale |
| SUNWiwacx | Italian localization for AccessX client program |
| SUNWiwdev | Italian Localizations for Sun WBEM SDK resources |
| SUNWixplt | Italian X Windows platform software |
| SUNWj3jmp | Japanese Localizations for J2SDK RELEASE man pages |
| SUNWjadcl | Japanese Localizations for Solaris Diskless Client Management Application |
| SUNWjadis | Japanese localization for Software used to perform system administration tasks |
| SUNWjadma | Japanese localization for Software used to perform system administration tasks |
| SUNWjaj2p | Japanese localization of Java Plug-in 1.2.2 |
| SUNWjans | Japanese localization of Netscape for Solaris |
| SUNWjcs3f | Japanese JIS X0212 Type1 fonts for printing |

| Package | Description |
| --- | --- |
| SUNWjdab | Japanese localization for CDE Desktop Application Builder |
| SUNWjdbas | Japanese localization for CDE application basic runtime environment |
| SUNWjddst | Japanese localization for CDE Desktop Applications |
| SUNWjddte | Japanese localization for Solaris Desktop Login Environment |
| SUNWjdhcm | Japanese Localizations for DHCP Manager |
| SUNWjdhe | Japanese localization for CDE Help Runtime environment |
| SUNWjdhed | Japanese localization for CDE Help Developer Environment |
| SUNWjdhev | Japanese localization for CDE Help Volumes |
| SUNWjdhez | Japanese localization for Desktop Power Pack Help Volumes |
| SUNWjdim | Japanese localization for Solaris CDE Image Viewer |
| SUNWjdma | Japanese localization for Manual pages for the common desktop environment, CDE |
| SUNWjdoc | Japanese Documentation Tools |
| SUNWjdwm | Japanese localization for CDE Desktop Window Manager |
| SUNWject | Japanese localization for UTF-8 Code Conversion Tool |
| SUNWjedev | Japanese (EUC) localization specific files for development |
| SUNWjedt | Japanese localization for Solaris Desktop Login Environment |
| SUNWjeezt | Japanese localization for Address Manager, Process Manager, File Finder, Perfmeter, Workstation Info |
| SUNWjej2m | Japanese (EUC) man pages |
| SUNWjeman | Japanese localization for System Reference Manual Pages |
| SUNWjepmm | Japanese localization for Power Management OW Utilities Man Pages |
| SUNWjepmw | Japanese localization for Power Management OW Utilities |
| SUNWjeudc | Japanese localization for User Defined Character tool for Solaris CDE environment |
| SUNWjfdl | Japanese localization for Solaris Desktop Font Downloader for Adobe Postscript (tm) printers |
| SUNWjfpr | Japanese localization common root files |
| SUNWjfpre | Japanese localization common root files (Extensions) |
| SUNWjfpu | Japanese localization common usr files |
| SUNWjfpue | Japanese localization common usr files (Extensions) |

| Package | Description |
|---------|-------------|
| SUNWjfxmn | English manpages of Japanese features for X Window System. |
| SUNWjj2rt | Japanese Java virtual machine and core class libraries |
| SUNWjjmfp | Japanese localization for JMF player |
| SUNWjkcsr | Japanese localization for Kodak Color Management System Runtime |
| SUNWjlvma | Japanese Localizations for Solaris Volume Management API's |
| SUNWjlvmg | Japanese Localizations for Solaris Volume Management Application |
| SUNWjman | manual pages (English) for Japanese localization specific features |
| SUNWjmane | manual pages (English) for Japanese localization specific features (Extension) |
| SUNWjmfrn | Japanese localization for Motif 2.1 libraries, headers, xmbind and bindings |
| SUNWjmga | Japanese Solaris Management Applications |
| SUNWjorte | Japanese localization for OPEN LOOK toolkits runtime environment |
| SUNWjos | Japanese ON message files |
| SUNWjpdas | Japanese localization for tools to synchronize desktop applications with the Palm Pilot PDA |
| SUNWjpj2m | Japanese (PCK) man pages |
| SUNWjreg | Japanese localizations for Solaris User Registration |
| SUNWjrmui | Japanese Resource Management for Solaris |
| SUNWjsadl | Japanese localization for Solstice launcher and associated libraries. |
| SUNWjsfw | Japanese localization for freeware message |
| SUNWjsmc | Japanese Solaris Management Console 2.1 |
| SUNWjtlmn | Japanese localization of ToolTalk manual pages for ToolTalk programmers, OpenWindows users, and Common Desktop Environment (CDE) users |
| SUNWjtltk | Japanese localization for ToolTalk binaries and shared libraries needed for Common Desktop Environment (CDE), OpenWindows, and all ToolTalk clients |
| SUNWjuj2m | Japanese (UTF-8) man pages |
| SUNWjulcf | Japanese UTF-8 Locale Environment Common Files |
| SUNWjwacx | Japanese localization for AccessX client program |
| SUNWjwbc | Japanese Localizations for Solaris WBEM Services |
| SUNWjwbd | Japanese Localizations for Sun WBEM SDK resources |
| SUNWjwncr | Japanese Input System - Wnn6 Client, (Root) |

| Package | Description |
| --- | --- |
| SUNWjwncu | Japanese Input System - Wnn6 Client, (Usr) |
| SUNWjwncx | Japanese Input System - Wnn6 Client X Window System |
| SUNWjwndt | Japanese Input System - Wnn6 Client for CDE |
| SUNWjwnsr | Japanese Input System - Wnn6 Server, (Root) |
| SUNWjwnsu | Japanese Input System - Wnn6 Server, (Usr) |
| SUNWjws2 | Japanese localization for Solaris Product Registry & Web Start runtime support |
| SUNWjwsv | Japanese localization for Solaris Product Registry Viewer |
| SUNWjxcft | Japanese {Sun,HG,RICOH} Gothic TrueType Fonts and Resource files |
| SUNWjxfa | Japanese localization for Font Administration application for Solaris platforms |
| SUNWjxfnt | Japanese Sun {Gothic,Minchou} Bold and {Sun,HG,Heisei,RICOH} Minchou Medium Bitmap Fonts |
| SUNWjxim | Japanese localization for X Window System X Input Method Server Package |
| SUNWjxoft | Japanese {Sun,HG,Heisei} Minchou TrueType Fonts |
| SUNWjxplt | Japanese localization for X Window System platform software(server, DPS, extensions, Xlib, required & common clients) |
| SUNWjxpmn | Japanese localization for X Window System online programmers man pages |
| SUNWjxumn | Japanese localization for X Window System online user man pages |
| SUNWjxwsvr | X Window System Screen Saver/Locker Localization Files for Japanese Locale |
| SUNWkacx | Korean AccessX client program |
| SUNWkadis | Korean Localizations for admintool and GUI install. |
| SUNWkadma | Korean Localizations for Software used to perform system administration tasks. Admintool requires both this and SUNWkadis packages for Korean localization. |
| SUNWkcoft | Korean/Korean UTF-8 common optional font package |
| SUNWkdab | Korean Localizations for CDE Desktop Application Builder |
| SUNWkdbas | Korean Localizations for CDE Base functionality |
| SUNWkdcl | Korean Localizations for Solaris Diskless Client Management Application |
| SUNWkdcst | The localized tools package for Korean. |
| SUNWkddst | Korean Localizations for CDE Desktop Applications |
| SUNWkddte | Korean Localizations for CDE Desktop Login Environment |
| SUNWkdezt | Korean Localizations for Desktop Power Pack Applications |

| Package | Description |
| --- | --- |
| SUNWkdft | Fonts for the common desktop environment, Korean L10N CDE |
| SUNWkdhcm | Korean Localizations for DHCP Manager |
| SUNWkdhe | Korean Localizations for CDE Help Runtime environment |
| SUNWkdhev | Korean CDE Help Volumes |
| SUNWkdhez | Korean (Common) Localizations for Desktop Power Pack Help Volumes |
| SUNWkdicn | Korean Localizations for CDE Icons |
| SUNWkdim | Korean Localizations for CDE Imagetool |
| SUNWkdt | Korean Localizations for CDE Desktop Login Environment |
| SUNWkdwm | Korean Localizations for CDE Desktop Window Manager |
| SUNWkepmw | Korean Localization for Power Management OW Utilities |
| SUNWkfdl | Korean Solaris Font Downloader for Adobe Postscript (tm) TCP/IP printers |
| SUNWkj2rt | Java virtual machine and core class libraries (Korean supplement) |
| SUNWkjmfp | Korean Localization for JMF player |
| SUNWkkcsr | Korean (EUC) KCMS Runtime Environment |
| SUNWkleu | Korean Language Environment specific files. It is a required package to run Korean Language Environment |
| SUNWkleue | Korean Language Environment specific files. It is a required package to run Korean Language Environment |
| SUNWklvma | Korean Localizations for Solaris Volume Management API's |
| SUNWklvmg | Korean Localizations for Solaris Volume Management Application |
| SUNWkmga | Korean Solaris Management Applications |
| SUNWkoj2p | Korean localization of Java Plug-in 1.2.2 |
| SUNWkons | Korean localization of Netscape for Solaris |
| SUNWkorte | Korean OPENLOOK Toolkits Runtime Environment Package |
| SUNWkos | This package contains Korean Language Environment specific files. It is a required package to run Korean Language Environment |
| SUNWkpdas | Korean Localization for tools to synchronize desktop applications with the Palm Pilot PDA |
| SUNWkreg | Korean Localizations for Solaris User Registration |
| SUNWkrmui | Korean Resource Management for Solaris |

| Package | Description |
| --- | --- |
| SUNWksadl | Korean Localizationsfor Solstice Admintool launcher and associated libraries. |
| SUNWksfw | Korean localization for freeware message |
| SUNWksmc | Korean Solaris Management Console 2.1 |
| SUNWktltk | Korean ToolTalk Runtime Package Package |
| SUNWkttf | Korean True Type Fonts |
| SUNWkttfe | Korean True Type Font Extension |
| SUNWkudc | Korean Localizations for User Defined Character tool for Solaris CDE environment |
| SUNWkuxft | Korean UTF-8 X Windows Platform Required Fonts |
| SUNWkwbc | Korean Localisations for Solaris WBEM Services |
| SUNWkwdev | Korean Localizations for Solaris WBEM Services |
| SUNWkwsr2 | Korean Localizations for Solaris Product Registry |
| SUNWkwsrv | Korean Localizations for Solaris Product Registry Viewer |
| SUNWkxe | Korean X Windows Platform Software Package |
| SUNWkxfnt | Korean X Windows Platform Required Fonts |
| SUNWkxfte | Korean X Windows Platform Required Fonts |
| SUNWkxman | Korean X Windows Online User Man Pages Package |
| SUNWkxplt | Korean X Windows Platform Software Package |
| SUNWkxwsvr | X Window System Screen Saver/Locker Localization Files for Korean Locale |
| SUNWmeadt | Middle East CDE Support |
| SUNWmeaos | Middle East OS Support |
| SUNWmeaow | Middle East OW Support |
| SUNWnafdt | Northern Africa CDE Support |
| SUNWnafos | Northern Africa OS Support |
| SUNWnafow | Northern Africa OW Support |
| SUNWnamdt | Northern America CDE Support |
| SUNWnamos | Northern America OS Support |
| SUNWnamow | Northern America OW Support |
| SUNWneudt | Northern Europe CDE Support |

| Package | Description |
| --- | --- |
| SUNWneuos | Northern Europe OS Support |
| SUNWneuow | Northern Europe OW Support |
| SUNWplns | Polish localization of Netscape for Solaris |
| SUNWplow1 | OpenWindows enabling for Supplementary Partial Locales |
| SUNWplow | OpenWindows enabling for Partial Locales |
| SUNWplxwsvr | X Window System Screen Saver/Locker Localization Files for Polish Locale |
| SUNWptns | Brazilian Portuguese localization of Netscape for Solaris |
| SUNWptxwsvr | X Window System Screen Saver/Locker Localization Files for Brazilian Portuguese Locale |
| SUNWruns | Russian localization of Netscape for Solaris |
| SUNWruxwsvr | X Window System Screen Saver/Locker Localization Files for Russian Locale |
| SUNWsamdt | Southern America CDE Support |
| SUNWsamos | Southern America OS Support |
| SUNWsamow | Southern America OW Support |
| SUNWsdcl | Diskless Client Management Application Swedish Localization |
| SUNWsdhcm | Swedish Localizations for DHCP Manager |
| SUNWseudt | Southern Europe CDE Support |
| SUNWseuos | Southern Europe OS Support |
| SUNWseuow | Southern Europe OW Support |
| SUNWsfdl | Swedish localization for the Font Downloader |
| SUNWsj2rt | Java virtual machine and core class libraries (Swedish supplement) |
| SUNWsjmfp | Swedish localization for JMF Player for playing audio and video files |
| SUNWskcsr | Swedish localization for Kodak Color Management System Runtime |
| SUNWslvma | Swedish Localizations for Solaris Volume Management API's |
| SUNWslvmg | Swedish Localizations for Solaris Volume Management Application |
| SUNWsmgp | Swedish Solaris Management Applications |
| SUNWsorte | Swedish localization for OPEN LOOK toolkits runtime environment |
| SUNWspdas | Swedish localization for tools to synchronize desktop applications with the Palm Pilot PDA |

**TABLE 2–2** Solaris 9 8/03 (x86 Platform Edition) Languages Packages     *(Continued)*

| Package | Description |
| --- | --- |
| SUNWsrmui | Swedish Resource Management for Solaris |
| SUNWssadl | Swedish localization for Solstice launcher and associated libraries. |
| SUNWssfw | Swedish localization for freeware message |
| SUNWstltk | Swedish localization for ToolTalk binaries and shared libraries needed for Common Desktop Environment (CDE), OpenWindows, and all ToolTalk clients |
| SUNWsvbas | Swedish localization for CDE application basic runtime environment |
| SUNWsvdis | Swedish localization for Software used to perform system administration tasks |
| SUNWsvdma | Swedish localization for Software used to perform system administration tasks |
| SUNWsvdst | Swedish localization for CDE Desktop Applications |
| SUNWsvdte | Swedish localization for Solaris Desktop Login Environment |
| SUNWsvhe | Swedish localization for CDE Help Runtime environment |
| SUNWsvhed | Swedish localization for CDE Help Developer Environment |
| SUNWsvhev | Swedish localization for CDE Help Volumes |
| SUNWsvhez | Swedish localization for Desktop Power Pack Help Volumes |
| SUNWsvim | Swedish localization for Solaris CDE Image Viewer |
| SUNWsvj2p | Swedish localization of Java Plug-in 1.2.2 |
| SUNWsvlu | Swedish localization for Live Upgrade 2.0 05/02 (root) |
| SUNWsvns | Swedish localization of Netscape for Solaris |
| SUNWsvos | Swedish ON message files |
| SUNWsvpmw | Swedish localization for Power Management OW Utilities, (Root) |
| SUNWsvreg | Swedish localization for Solaris User Registration prompts at desktop login for user registration information. |
| SUNWsvsmc | Swedish Solaris Management Console 2.1 |
| SUNWsvspl | Spell Checking Engine - Swedish Dictionary |
| SUNWsvwbc | Swedish Localizations for Solaris WBEM Services |
| SUNWsvwm | Swedish localization for CDE Desktop Window Manager |
| SUNWsvws2 | Swedish localization for Solaris Product Registry & Web Start runtime support |
| SUNWsvwsv | Swedish localization for Solaris Product Registry Viewer |
| SUNWsvxwsvr | X Window System Screen Saver/Locker Localization Files for Swedish Locale |

| Package | Description |
|---------|-------------|
| SUNWswacx | Swedish localization for AccessX client program |
| SUNWswdev | Swedish Localizations for Sun WBEM SDK resources |
| SUNWsxplt | Swedish X Windows platform software |
| SUNWtdbas | Thai Localizations for CDE Base functionality |
| SUNWtddst | Thai Localizations for CDE Desktop Applications |
| SUNWtddte | Thai Localizations for CDE Desktop Login Environment |
| SUNWtdft | Thai Localizations for CDE Fonts |
| SUNWtdwm | Thai Localizations for CDE Desktop Window Manager |
| SUNWtleu | Thai Language Environment specific files. It is a required package to run Thai Language Environment |
| SUNWtxplt | Thai X Windows Platform Software Package |
| SUNWudct | User Defined Character tool for Solaris CDE environment |
| SUNWweudt | Western Europe CDE Support |
| SUNWweuos | Western Europe OS Support |
| SUNWweuow | Western Europe OW Support |