



# Solaris 9 4/04 Package List

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# Preface

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The *Solaris 9 4/04 Package List* lists and describes the packages included in the Solaris™ 9 4/04 operating environment. The list includes information about the software groups that contain each package.

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## Who Should Use This Book

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

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## Related Books

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

**TABLE P-1** Related Information

Information	Description
<i>Solaris 9 4/04 Installation Guide</i>	Describes how to install the Solaris 9 4/04 operating environment
<i>Solaris 9 4/04 Release Notes</i>	Describes any bugs, known problems, software that is being discontinued, and patches that are related to the Solaris release
<i>Solaris 9 Sun Hardware Platform Guide</i>	Contains information about supported hardware

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# Solaris 9 4/04 Operating Environment Package List

This chapter lists and describes the packages included in the Solaris 9 4/04 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 Solaris 9 4/04 (SPARC® Platform Edition) Operating Environment Packages
- Table 1–2 Solaris 9 4/04 (x86 Platform Edition) Operating Environment Packages

**TABLE 1–1** Solaris 9 4/04 (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 4/04 (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	✓	✓			
IPLTpdap	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 4/04 (SPARC Platform Edition) Operating Environment Packages (Continued)

Package	Description	Entire+OEM	Entire	Developer	End User	Core
SUNW5xmtf	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	✓	✓	✓	✓	
SUNWadm	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 (1.3.29) (documentation)	✓	✓			
SUNWapchr	The Apache HTTP server program (1.3.29) (root components)	✓	✓			

**TABLE 1-1** Solaris 9 4/04 (SPARC Platform Edition) Operating Environment Packages (Continued)

Package	Description	Entire+OEM	Entire	Developer	End User	Core
SUNWapchu	The Apache HTTP server program (1.3.29) (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	✓	✓	✓	✓	
SUNWbip	Basic IP commands (/usr/sbin/ping, /bin/ftp)	✓	✓	✓	✓	✓

**TABLE 1-1** Solaris 9 4/04 (SPARC Platform Edition) Operating Environment Packages (Continued)

Package	Description	Entire+OEM	Entire	Developer	End User	Core
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	✓	✓	✓	✓	✓
SUNWci8	Simplified Chinese (EUC) iconv modules for UTF-8	✓	✓	✓	✓	
SUNWci8x	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)	✓	✓	✓		
SUNWcpcx	Kernel support for CPU Performance Counters (64-bit)	✓	✓	✓		

**TABLE 1-1** Solaris 9 4/04 (SPARC Platform Edition) Operating Environment Packages (Continued)

Package	Description	Entire+OEM	Entire	Developer	End User	Core
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	Appttrace utility for application tracing, including shared objects	✓	✓	✓		
SUNWcstlx	Appttrace 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	✓	✓	✓	✓	✓
SUNWvcvx	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	✓	✓			
SUNWdesktop-media-player	Desktop Media Player - platform dependent files, /usr filesystem	✓	✓			

**TABLE 1-1** Solaris 9 4/04 (SPARC Platform Edition) Operating Environment Packages (Continued)

Package	Description	Entire+OEM	Entire	Developer	End User	Core
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. Administration 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. Administration 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)	✓	✓	✓	✓	✓
SUNWdtab	CDE Desktop Application Builder	✓	✓	✓		
SUNWdtbas	CDE application basic runtime environment	✓	✓	✓	✓	

**TABLE 1-1** Solaris 9 4/04 (SPARC Platform Edition) Operating Environment Packages *(Continued)*

<b>Package</b>	<b>Description</b>	<b>Entire+OEM</b>	<b>Entire</b>	<b>Developer</b>	<b>End User</b>	<b>Core</b>
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, Perfimeter, 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, Perfimeter, Workstation Info	✓	✓	✓		
SUNWdtNsc	This package contains Netscape Componentization Support for CDE	✓	✓	✓	✓	
SUNWdtScm	CDE Dtpower Schemes	✓	✓	✓	✓	
SUNWdtWm	CDE Desktop Window Manager	✓	✓	✓	✓	
SUNWefcLx	Embedded FCode Libraries (64-bit)	✓	✓	✓	✓	
SUNWefcR	Embedded FCode Interpreter	✓	✓	✓	✓	

**TABLE 1-1** Solaris 9 4/04 (SPARC Platform Edition) Operating Environment Packages (Continued)

Package	Description	Entire+OEM	Entire	Developer	End User	Core
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	✓	✓			
SUNWfnsx	Federated Naming Service (XFN) - core libraries and utilities (64-bit)	✓	✓	✓	✓	

**TABLE 1-1** Solaris 9 4/04 (SPARC Platform Edition) Operating Environment Packages (Continued)

Package	Description	Entire+OEM	Entire	Developer	End User	Core
SUNWfmx5x	Federated Naming Service (XFN) - support for X.500 Directory (64-bit)	✓	✓			
SUNWfontconfig-64	Fontconfig library (64-bit)	✓	✓	✓	✓	
SUNWfontconfig-docs	Fontconfig library documentation	✓	✓	✓		
SUNWfontconfig-root	Fontconfig library configuration files (/etc/fonts)	✓	✓	✓	✓	
SUNWfontconfig	Fontconfig library	✓	✓	✓	✓	
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	✓	✓	✓	✓	



**TABLE 1-1** Solaris 9 4/04 (SPARC Platform Edition) Operating Environment Packages (Continued)

Package	Description	Entire+OEM	Entire	Developer	End User	Core
SUNWgfbcf	Configuration utility for the UPA Bus Sun XVR-1000 Graphics Accelerator	✓	✓	✓	✓	
SUNWgfbbr	Boot-time device initialization support for the UPA Bus Sun XVR-1000 Graphics Accelerator	✓	✓	✓	✓	
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	✓	✓			

**TABLE 1-1** Solaris 9 4/04 (SPARC Platform Edition) Operating Environment Packages (Continued)

Package	Description	Entire+OEM	Entire	Developer	End User	Core
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	✓	✓			
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	✓	✓			

**TABLE 1-1** Solaris 9 4/04 (SPARC Platform Edition) Operating Environment Packages (Continued)

Package	Description	Entire+OEM	Entire	Developer	End User	Core
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-filemgr-root	GNOME file manager and support libraries - platform dependent files, / filesystem	✓	✓			
SUNWgnome-filemgr-share	GNOME file manager and support libraries - platform independent files, /usr/share	✓	✓			
SUNWgnome-filemgr	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	✓	✓			

**TABLE 1-1** Solaris 9 4/04 (SPARC Platform Edition) Operating Environment Packages (Continued)

Package	Description	Entire+OEM	Entire	Developer	End User	Core
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	✓	✓			
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	✓	✓			

**TABLE 1-1** Solaris 9 4/04 (SPARC Platform Edition) Operating Environment Packages (Continued)

Package	Description	Entire+OEM	Entire	Developer	End User	Core
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	✓	✓			
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	✓	✓			

**TABLE 1-1** Solaris 9 4/04 (SPARC Platform Edition) Operating Environment Packages *(Continued)*

<b>Package</b>	<b>Description</b>	<b>Entire+OEM</b>	<b>Entire</b>	<b>Developer</b>	<b>End User</b>	<b>Core</b>
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	✓	✓			
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	✓	✓			

**TABLE 1-1** Solaris 9 4/04 (SPARC Platform Edition) Operating Environment Packages *(Continued)*

<b>Package</b>	<b>Description</b>	<b>Entire+OEM</b>	<b>Entire</b>	<b>Developer</b>	<b>End User</b>	<b>Core</b>
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	✓	✓			
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	✓	✓			

**TABLE 1-1** Solaris 9 4/04 (SPARC Platform Edition) Operating Environment Packages *(Continued)*

Package	Description	Entire+OEM	Entire	Developer	End User	Core
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	✓	✓	✓	✓	
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	✓	✓	✓	✓	



**TABLE 1-1** Solaris 9 4/04 (SPARC Platform Edition) Operating Environment Packages (Continued)

Package	Description	Entire+OEM	Entire	Developer	End User	Core
SUNWgssk	Generic Security Service Application Program Interface, Version 2 - kernel	✓	✓	✓	✓	
SUNWgsskx	Generic Security Service Application Program Interface, Version 2 - kernel (64-bit)	✓	✓	✓	✓	
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)	✓	✓	✓	✓	

**TABLE 1-1** Solaris 9 4/04 (SPARC Platform Edition) Operating Environment Packages (Continued)

Package	Description	Entire+OEM	Entire	Developer	End User	Core
SUNWidecr	IDE device drivers updated for UltraAX	✓	✓	✓	✓	✓
SUNWidecx	IDE device drivers - 64bit, updated for UltraAX	✓	✓	✓	✓	✓
SUNWider	IDE Device Driver, (Root)	✓	✓	✓	✓	✓
SUNWidn	Inter-Domain Network Modules for Sun Enterprise™ 10000	✓	✓	✓	✓	✓
SUNWidnd	Internationalized Domain Name Support Developer Files	✓	✓	✓		
SUNWidnl	Internationalized Domain Name Support Library Files	✓	✓	✓	✓	
SUNWidnlx	Internationalized Domain Name Support Library Files (64-bit)	✓	✓	✓	✓	
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	✓	✓	✓	✓	

**TABLE 1-1** Solaris 9 4/04 (SPARC Platform Edition) Operating Environment Packages (Continued)

Package	Description	Entire+OEM	Entire	Developer	End User	Core
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	✓	✓			
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	✓	✓	✓	✓	
SUNWislxc	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	✓	✓	✓		
SUNWj3cfg	Post configuration for SUNWj3rt package	✓	✓	✓	✓	
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	✓	✓	✓	✓	

**TABLE 1-1** Solaris 9 4/04 (SPARC Platform Edition) Operating Environment Packages (Continued)

Package	Description	Entire+OEM	Entire	Developer	End User	Core
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	✓	✓	✓	✓	
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 and XVR-600 graphics accelerators	✓	✓	✓		
SUNWjnbr	Boot-time device initialization support for the PCI Bus Sun XVR-1200 graphics accelerator (64-bit)	✓	✓	✓	✓	
SUNWjnbw	X server loadable module for the PCI Bus Sun XVR-1200 graphics accelerator (64-bit)	✓	✓	✓	✓	
SUNWjnbx	Device driver for the PCI Bus Sun XVR-1200 graphics accelerator (64-bit)	✓	✓	✓	✓	
SUNWjhdm	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	✓	✓	✓	✓	

**TABLE 1-1** Solaris 9 4/04 (SPARC Platform Edition) Operating Environment Packages (Continued)

Package	Description	Entire+OEM	Entire	Developer	End User	Core
SUNWjpg	The Independent JPEG Groups JPEG software	✓	✓	✓	✓	
SUNWjpgx	jpeg - The Independent JPEG Groups JPEG software (64-bit)	✓	✓			
SUNWjsnmp	Solaris Java SNMP API	✓	✓	✓	✓	
SUNWjss	Network Security Services for Java (JSS)	✓	✓	✓		
SUNWjssx	Network Security Services for Java (JSS) (64-bit)	✓	✓	✓		
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	✓	✓	✓		
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	✓	✓	✓	✓	✓

**TABLE 1-1** Solaris 9 4/04 (SPARC Platform Edition) Operating Environment Packages (Continued)

Package	Description	Entire+OEM	Entire	Developer	End User	Core
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	✓	✓	✓	✓	
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)	✓	✓	✓		

**TABLE 1-1** Solaris 9 4/04 (SPARC Platform Edition) Operating Environment Packages (Continued)

Package	Description	Entire+OEM	Entire	Developer	End User	Core
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 social Device Driver	✓	✓	✓	✓	✓
SUNWluxlx	Sun Enterprise Network Array social 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	✓	✓	✓		
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	✓	✓	✓		

**TABLE 1-1** Solaris 9 4/04 (SPARC Platform Edition) Operating Environment Packages (Continued)

Package	Description	Entire+OEM	Entire	Developer	End User	Core
SUNWmcex	This package contains example applications for the Solaris Management Console.	✓	✓	✓		
SUNWmdar	Solaris Volume Manager Assistant (Root)	✓	✓	✓	✓	
SUNWmdau	Solaris Volume Manager Assistant (Usr)	✓	✓	✓	✓	
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	✓	✓	✓	✓	✓
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	✓	✓			



**TABLE 1-1** Solaris 9 4/04 (SPARC Platform Edition) Operating Environment Packages (Continued)

Package	Description	Entire+OEM	Entire	Developer	End User	Core
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)	✓	✓	✓	✓	✓
SUNWnistr	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	✓	✓	✓		

**TABLE 1-1** Solaris 9 4/04 (SPARC Platform Edition) Operating Environment Packages (Continued)

Package	Description	Entire+OEM	Entire	Developer	End User	Core
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	✓	✓	✓	✓	✓
SUNWpcmxx	64-bit kernel modules for PCMCIA card services	✓	✓	✓	✓	✓
SUNWpcmcm	PCMCIA memory card driver	✓	✓	✓	✓	✓
SUNWpcmcmx	PCMCIA memory card driver (64-bit)	✓	✓	✓	✓	✓
SUNWpccr	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	✓	✓	✓	✓	
SUNWpcc	Drivers for SPARC platforms with the PCI bus	✓	✓	✓	✓	✓
SUNWpccas	Tools to synchronize desktop applications with the Palm Pilot PDA	✓	✓	✓	✓	
SUNWpccdu	SunOS C/C++ header files for development of software for the PCI bus on SPARC platforms.	✓	✓	✓		
SUNWpccdx	64-bit Drivers for SPARC platforms with the PCI bus	✓	✓	✓	✓	✓
SUNWpccbcf	Configuration utility for the PCI Bus Sun XVR-100 graphics accelerator (64-bit)	✓	✓	✓	✓	
SUNWpccfbw	X server loadable module for the PCT Bus Sun XVR-100 graphics accelerator (64-bit)	✓	✓	✓	✓	
SUNWpccfbx	Device driver for the PCI Bus Sun XVR-100 graphics accelerator (64-bit)	✓	✓	✓	✓	
SUNWpccphx	Solaris interface for phx	✓				
SUNWpccphxx	Solaris interface for phx (64 bit)	✓				

**TABLE 1-1** Solaris 9 4/04 (SPARC Platform Edition) Operating Environment Packages (Continued)

Package	Description	Entire+OEM	Entire	Developer	End User	Core
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)	✓	✓	✓	✓	✓
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)	✓	✓	✓	✓	
SUNWpmsr	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	✓	✓			

**TABLE 1-1** Solaris 9 4/04 (SPARC Platform Edition) Operating Environment Packages (Continued)

Package	Description	Entire+OEM	Entire	Developer	End User	Core
SUNWpr	Netscape Portable Runtime Interface	✓	✓	✓		
SUNWprx	Netscape Portable Runtime Interface (64-bit)	✓	✓	✓		
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	✓	✓	✓	✓	
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)	✓	✓	✓	✓	
SUNWrcapr	Solaris Resource Capping Daemon (Root)	✓	✓			
SUNWrcapu	Solaris Resource Capping Daemon (Usr)	✓	✓			
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	✓	✓	✓	✓	

**TABLE 1-1** Solaris 9 4/04 (SPARC Platform Edition) Operating Environment Packages (Continued)

Package	Description	Entire+OEM	Entire	Developer	End User	Core
SUNWrmwbx	Resource Management for Solaris	✓	✓	✓	✓	
SUNWroutc	Network Routing daemons/commands (Usr)	✓	✓	✓	✓	✓
SUNWrpmp	Utilities for processing RPM archives	✓	✓			
SUNWrsrg	GSS-API services for ONC RPC	✓	✓	✓	✓	
SUNWrsrgk	kernel GSS-API services for ONC RPC	✓	✓	✓	✓	
SUNWrsrgx	GSS-API services for ONC RPC (64-bit)	✓	✓	✓	✓	
SUNWrsmm	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)	✓	✓	✓		
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.	✓	✓			
SUNWsadm	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	SPARCCompilers Binary Compatibility Libraries	✓	✓	✓	✓	
SUNWscgui	Solaris Smart Card Administration - Graphical User Interface component	✓	✓	✓	✓	
SUNWscm	Init script & links for Sun Fire 15000 Key Management daemon	✓	✓	✓	✓	

**TABLE 1-1** Solaris 9 4/04 (SPARC Platform Edition) Operating Environment Packages (Continued)

Package	Description	Entire+OEM	Entire	Developer	End User	Core
SUNWscckmu	Key Management daemon for Sun Fire 15000	✓	✓	✓	✓	
SUNWscckmx	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	✓	✓	✓		
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	✓	✓	✓	✓	✓
SUNWsfdrd	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	✓	✓	✓	✓	
SUNWsmapi	Software libraries for storage management	✓	✓	✓	✓	
SUNWsmbac	samba - A Windows SMB/CIFS fileserver for UNIX (client)	✓	✓	✓	✓	

**TABLE 1-1** Solaris 9 4/04 (SPARC Platform Edition) Operating Environment Packages *(Continued)*

<b>Package</b>	<b>Description</b>	<b>Entire+OEM</b>	<b>Entire</b>	<b>Developer</b>	<b>End User</b>	<b>Core</b>
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)	✓	✓	✓	✓	
SUNWspot	Solaris Bundled tools	✓	✓	✓		
SUNWspox	Sun Workshop Bundled 64-bit make library	✓	✓	✓		
SUNWsra	libraries in archive (ar) format for source build compatibility with SunOS 4.x	✓	✓	✓		
SUNWsgregu	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	✓	✓	✓		
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	✓	✓	✓	✓	
SUNWsshrc	Secure Shell protocol Client and associated Utilities	✓	✓	✓	✓	
SUNWsshru	Secure Shell protocol Client and associated Utilities	✓	✓	✓	✓	
SUNWstcx	I2C Smartcard kernel device driver for SCM STC chip - (64-bit)	✓	✓	✓	✓	
SUNWstsf	Standard Type Services Framework	✓	✓	✓	✓	
SUNWstsfrc	Standard Type Services Framework software configuration (root filesystem components)	✓	✓	✓	✓	
SUNWstsfrc	Standard Type Services Framework (64-bit)	✓	✓	✓	✓	
SUNWstutl	statically linked utilities for system disaster recovery	✓	✓			

**TABLE 1-1** Solaris 9 4/04 (SPARC Platform Edition) Operating Environment Packages (Continued)

Package	Description	Entire+OEM	Entire	Developer	End User	Core
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	✓	✓	✓	✓	
SUNWteti	GNU texinfo (texinfo)	✓	✓	✓		
SUNWtftp	Trivial File Transfer Server	✓	✓	✓	✓	✓
SUNWtftp	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	✓	✓	✓		
SUNWtlsx	Network Security Services (64-bit)	✓	✓	✓		
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)	✓	✓	✓	✓	✓



**TABLE 1-1** Solaris 9 4/04 (SPARC Platform Edition) Operating Environment Packages (Continued)

Package	Description	Entire+OEM	Entire	Developer	End User	Core
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	Appttrace shared objects for UCB compatibility libraries	✓	✓	✓		
SUNWucbtx	Appttrace shared objects for UCB compatibility libraries (64-bit)	✓	✓	✓		
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)	✓	✓	✓	✓	✓

**TABLE 1-1** Solaris 9 4/04 (SPARC Platform Edition) Operating Environment Packages (Continued)

Package	Description	Entire+OEM	Entire	Developer	End User	Core
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)	✓	✓	✓	✓	
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	✓	✓	✓		

**TABLE 1-1** Solaris 9 4/04 (SPARC Platform Edition) Operating Environment Packages (Continued)

Package	Description	Entire+OEM	Entire	Developer	End User	Core
SUNWwbdoc	Sun WBEM SDK - Documentation	✓	✓	✓		
SUNWwbmc	This package contains the components integrating WBEM and SMC	✓	✓	✓		
SUNWwbpro	Solaris WBEM Providers (usr)	✓	✓	✓	✓	
SUNWwbsup	Solaris WAN boot support	✓	✓	✓	✓	✓
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	✓	✓	✓	✓	
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.	✓	✓	✓	✓	

**TABLE 1-1** Solaris 9 4/04 (SPARC Platform Edition) Operating Environment Packages (Continued)

Package	Description	Entire+OEM	Entire	Developer	End User	Core
SUNWxim	X Input Method server provides different styles of input.	✓	✓	✓	✓	
SUNWximx	X Input Method server provides different styles of input.	✓	✓	✓	✓	
SUNWxrgrt	JAXR Runtime	✓	✓			
SUNWxrprt	JAX-RPC Runtime	✓	✓			
SUNWxsrt	Soap Runtime	✓	✓			
SUNWxwacx	AccessX client program	✓	✓	✓	✓	
SUNWxwcf	X Window System optional fonts	✓	✓	✓	✓	
SUNWxwcl	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	✓	✓	✓	✓	
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	✓	✓	✓	✓	

**TABLE 1-1** Solaris 9 4/04 (SPARC Platform Edition) Operating Environment Packages (Continued)

Package	Description	Entire+OEM	Entire	Developer	End User	Core
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	✓	✓	✓	✓	
SUNWxwsvr	Screen Saver/Locker for X Window System	✓	✓			
SUNWxwxft	X Window System Xft (X Freetype) Library	✓	✓	✓	✓	
SUNWxwxftx	X Window System Xft (X Freetype) Library	✓	✓	✓	✓	
SUNWxwxst	X Window System XST extension	✓	✓	✓	✓	
SUNWxwxstx	X Window System XST extension (64-bit)	✓	✓	✓	✓	
SUNWyprr	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)	✓	✓	✓	✓	

**TABLE 1-1** Solaris 9 4/04 (SPARC Platform Edition) Operating Environment Packages (Continued)

Package	Description	Entire+OEM	Entire	Developer	End User	Core
SUNWzulum	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 4/04 (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	✓	✓	✓	✓	✓
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	✓	✓			

**TABLE 1-2** Solaris 9 4/04 (x86 Platform Edition) Operating Environment Packages (Continued)

Package	Description	Entire+OEM	Entire	Developer	End User	Core
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	SysKonnnect SK-NET Gigabit Ethernet Adapter SK-98xx	✓	✓	✓	✓	✓
SKfp	SysKonnnect 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	✓	✓	✓	✓	
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	✓	✓	✓	✓	
SUNWadm	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	✓	✓	✓	✓	

**TABLE 1-2** Solaris 9 4/04 (x86 Platform Edition) Operating Environment Packages (Continued)

Package	Description	Entire+OEM	Entire	Developer	End User	Core
SUNWadmr	Root programs and scripts for initializing system installation.	✓	✓	✓	✓	✓
SUNWadp	Adaptec 29xx/39/xx/78xx Family of SCSI HBA	✓	✓	✓	✓	✓
SUNWadpu320	Adaptec 7902 SCSI Driver	✓	✓	✓	✓	✓
SUNWant	The Jakarta ANT Java/XML-based build tool	✓	✓	✓		
SUNWapchd	The Apache HTTP server (1.3.29) (documentation)	✓	✓			
SUNWapchr	The Apache HTTP server program (1.3.29) (root components)	✓	✓			
SUNWapchu	The Apache HTTP server program (1.3.29) (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)	✓	✓	✓	✓	
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	✓	✓	✓	✓	✓
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)	✓	✓	✓	✓	



**TABLE 1-2** Solaris 9 4/04 (x86 Platform Edition) Operating Environment Packages (Continued)

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	✓	✓	✓		
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	✓	✓	✓		
SUNWcius8	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	✓	✓	✓	✓	✓
SUNWcstl	Appttrace 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.	✓	✓	✓	✓	

**TABLE 1-2** Solaris 9 4/04 (x86 Platform Edition) Operating Environment Packages (Continued)

Package	Description	Entire+OEM	Entire	Developer	End User	Core
SUNWcxmft	Simplified Chinese (EUC) X Windows Platform Required Fonts	✓	✓	✓	✓	
SUNWdcnt	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. Administration 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. Administration 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	✓	✓	✓		
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	✓	✓	✓	✓	

**TABLE 1-2** Solaris 9 4/04 (x86 Platform Edition) Operating Environment Packages (Continued)

Package	Description	Entire+OEM	Entire	Developer	End User	Core
SUNWdtdst	CDE Desktop Applications	✓	✓	✓	✓	
SUNWdtdte	Solaris Desktop Login Environment	✓	✓	✓	✓	
SUNWdtezt	Address Manager, Process Manager, File Finder, Perfometer, 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, Perfometer, Workstation Info	✓	✓	✓		
SUNWdtnc	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	✓	✓	✓	✓	✓
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	✓	✓	✓	✓	

**TABLE 1-2** Solaris 9 4/04 (x86 Platform Edition) Operating Environment Packages (Continued)

Package	Description	Entire+OEM	Entire	Developer	End User	Core
SUNWfns	Federated Naming Service (XFN) - core libraries and utilities	✓	✓	✓	✓	
SUNWfnsx5	Federated Naming Service (XFN) - support for X.500 Directory	✓	✓			
SUNWfontconfig-docs	Fontconfig library documentation	✓	✓	✓		
SUNWfontconfig-root	Fontconfig library configuration files (/etc/fonts)	✓	✓	✓	✓	
SUNWfontconfig	Fontconfig library	✓	✓	✓	✓	
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	✓	✓			
SUNWgnome-audio-root	GNOME audio support framework - platform dependent files, / filesystem	✓	✓			

**TABLE 1-2** Solaris 9 4/04 (x86 Platform Edition) Operating Environment Packages (Continued)

Package	Description	Entire+OEM	Entire	Developer	End User	Core
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	✓	✓			
SUNWgnome-common-devel	GNOME common development tools and libraries - developer files	✓	✓			

**TABLE 1-2** Solaris 9 4/04 (x86 Platform Edition) Operating Environment Packages (Continued)

Package	Description	Entire+OEM	Entire	Developer	End User	Core
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	✓	✓			
SUNWgnome-file-mgr-share	GNOME file manager and support libraries - platform independent files, /usr/share	✓	✓			

**TABLE 1-2** Solaris 9 4/04 (x86 Platform Edition) Operating Environment Packages (Continued)

Package	Description	Entire+OEM	Entire	Developer	End User	Core
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	✓	✓			
SUNWgnome-image-viewer-root	GNOME image viewer - platform dependent files, / filesystem	✓	✓			

**TABLE 1-2** Solaris 9 4/04 (x86 Platform Edition) Operating Environment Packages (Continued)

Package	Description	Entire+OEM	Entire	Developer	End User	Core
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	✓	✓			
SUNWgnome-panel	GNOME panel and support libraries - platform dependent files, /usr filesystem	✓	✓			



**TABLE 1-2** Solaris 9 4/04 (x86 Platform Edition) Operating Environment Packages (Continued)

Package	Description	Entire+OEM	Entire	Developer	End User	Core
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	✓	✓			
SUNWgnome-session-share	GNOME session manager - platform independent files, /usr/share	✓	✓			

**TABLE 1-2** Solaris 9 4/04 (x86 Platform Edition) Operating Environment Packages (Continued)

<b>Package</b>	<b>Description</b>	<b>Entire+OEM</b>	<b>Entire</b>	<b>Developer</b>	<b>End User</b>	<b>Core</b>
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	✓	✓			
SUNWgnome-utility-applets-root	GNOME panel applets - utility - root files	✓	✓			

**TABLE 1-2** Solaris 9 4/04 (x86 Platform Edition) Operating Environment Packages (Continued)

Package	Description	Entire+OEM	Entire	Developer	End User	Core
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	✓	✓	✓	✓	
SUNWgssc	Generic Security Service Application Program Interface, Version 2 - config	✓	✓	✓	✓	

**TABLE 1-2** Solaris 9 4/04 (x86 Platform Edition) Operating Environment Packages (Continued)

Package	Description	Entire+OEM	Entire	Developer	End User	Core
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	✓	✓	✓		
SUNWidnd	Internationalized Domain Name Support Developer Files	✓	✓	✓		
SUNWidnl	Internationalized Domain Name Support Library 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	✓	✓			

**TABLE 1-2** Solaris 9 4/04 (x86 Platform Edition) Operating Environment Packages (Continued)

Package	Description	Entire+OEM	Entire	Developer	End User	Core
SUNWiqfs	Sun ONE Message Queue JNDI FS Provider	✓	✓			
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	✓	✓	✓		
SUNWj3cfg	Post configuration for SUNWj3rt package	✓	✓	✓	✓	
SUNWj3dev	Tools and utilities including javac, jdb, javadoc, rmiregistry	✓	✓	✓		
SUNWj3dmo	Demonstration applications and applets	✓	✓	✓		
SUNWj3irt	A pre-defined minimal software configuration consisting of the minimum required software for a standalone, non-networked workstation.	✓	✓	✓	✓	
SUNWj3man	man pages	✓	✓	✓		
SUNWj3rt	Java virtual machine and core class libraries	✓	✓	✓	✓	
SUNWjaf	Java Activation Framework	✓	✓			
SUNWjaxp	Java API for XML Parsing 1.2	✓	✓			
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	✓	✓	✓	✓	

**TABLE 1-2** Solaris 9 4/04 (x86 Platform Edition) Operating Environment Packages (Continued)

Package	Description	Entire+OEM	Entire	Developer	End User	Core
SUNWjmail	Java Mail Runtime	✓	✓			
SUNWjmf	JMF player	✓	✓	✓	✓	
SUNWjpg	The Independent JPEG Groups JPEG software	✓	✓	✓	✓	
SUNWjsnmp	Solaris Java SNMP API	✓	✓	✓	✓	
SUNWjss	Network Security Services for Java (JSS)	✓	✓	✓		
SUNWjxmft	Japanese {Sun,HG,RICOH} Gothic Medium Bitmap Fonts	✓	✓	✓	✓	
SUNWkcsfp	Kodak Color Management System Runtime	✓	✓	✓		
SUNWkcsfp	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	✓	✓	✓		

**TABLE 1-2** Solaris 9 4/04 (x86 Platform Edition) Operating Environment Packages (Continued)

<b>Package</b>	<b>Description</b>	<b>Entire+OEM</b>	<b>Entire</b>	<b>Developer</b>	<b>End User</b>	<b>Core</b>
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	✓	✓	✓	✓	
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 (libxml2-2.4.12)	✓	✓	✓	✓	
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.	✓	✓	✓		
SUNWmdar	Solaris Volume Manager Assistant (Root)	✓	✓	✓	✓	

**TABLE 1-2** Solaris 9 4/04 (x86 Platform Edition) Operating Environment Packages (Continued)

Package	Description	Entire+OEM	Entire	Developer	End User	Core
SUNWmdau	Solaris Volume Manager Assistant (Usr)	✓	✓	✓	✓	
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	✓	✓	✓	✓	✓
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)	✓	✓	✓	✓	✓
SUNWnistr	configuration files and directories for the Network Information System (NIS and NIS+)	✓	✓	✓	✓	✓
SUNWnisu	utilities for the Network Information System (NIS and NIS+)	✓	✓	✓	✓	✓



**TABLE 1-2** Solaris 9 4/04 (x86 Platform Edition) Operating Environment Packages (Continued)

Package	Description	Entire+OEM	Entire	Developer	End User	Core
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	✓	✓	✓	✓	
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	✓				

**TABLE 1-2** Solaris 9 4/04 (x86 Platform Edition) Operating Environment Packages (Continued)

Package	Description	Entire+OEM	Entire	Developer	End User	Core
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)	✓	✓	✓	✓	✓
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	✓	✓			
SUNWpr	Netscape Portable Runtime Interface	✓	✓	✓		
SUNWpsdcr	Platform Support, Bus-independent Device Drivers, (Root)	✓	✓	✓	✓	✓
SUNWpsdir	Platform Support, ISA Bus Device Drivers, (Root)	✓	✓	✓	✓	✓
SUNWpsdpr	PCMCIA ATA card driver	✓	✓	✓	✓	✓

**TABLE 1-2** Solaris 9 4/04 (x86 Platform Edition) Operating Environment Packages (Continued)

Package	Description	Entire+OEM	Entire	Developer	End User	Core
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)	✓	✓	✓	✓	
SUNWradpu320	Adaptec 7902 SCSI Realmode Driver	✓	✓	✓	✓	✓
SUNWrcapr	Solaris Resource Capping Daemon (Root)	✓	✓			
SUNWrcapu	Solaris Resource Capping Daemon (Usr)	✓	✓			
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	✓	✓	✓	✓	

**TABLE 1-2** Solaris 9 4/04 (x86 Platform Edition) Operating Environment Packages (Continued)

Package	Description	Entire+OEM	Entire	Developer	End User	Core
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	✓	✓	✓	✓	
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).	✓	✓	✓	✓	
SUNWsmapi	Software libraries for storage management	✓	✓	✓	✓	
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)	✓	✓	✓	✓	
SUNWspot	Solaris Bundled tools	✓	✓	✓		
SUNWsra	libraries in archive (ar) format for source build compatibility with SunOS 4.x	✓	✓	✓		

**TABLE 1-2** Solaris 9 4/04 (x86 Platform Edition) Operating Environment Packages (Continued)

<b>Package</b>	<b>Description</b>	<b>Entire+OEM</b>	<b>Entire</b>	<b>Developer</b>	<b>End User</b>	<b>Core</b>
SUNWsgregu	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	✓	✓	✓	✓	
SUNWsshrc	Secure Shell protocol Client and associated Utilities	✓	✓	✓	✓	
SUNWsshru	Secure Shell protocol Client and associated Utilities	✓	✓	✓	✓	
SUNWstsf	Standard Type Services Framework	✓	✓	✓	✓	
SUNWstsfrc	Standard Type Services Framework software configuration (root filesystem components)	✓	✓	✓	✓	
SUNWsutl	statically linked utilities for system disaster recovery	✓	✓			
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	✓	✓	✓	✓	
SUNWtexp	GNU texinfo (texinfo)	✓	✓	✓		
SUNWtftp	Trivial File Transfer Server	✓	✓	✓	✓	✓
SUNWtftpR	Trivial File Transfer Server (Root)	✓	✓	✓	✓	✓
SUNWtiu8	Thai UTF-8 iconv modules for UTF-8	✓	✓	✓	✓	
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	✓	✓	✓		

**TABLE 1-2** Solaris 9 4/04 (x86 Platform Edition) Operating Environment Packages (Continued)

Package	Description	Entire+OEM	Entire	Developer	End User	Core
SUNWtltkm	ToolTalk manual pages for ToolTalk programmers, OpenWindows users, and Common Desktop Environment (CDE) users	✓	✓	✓		
SUNWtname	Trivial Name Server (Usr)	✓	✓	✓	✓	✓
SUNWtname	Trivial Name Server (Root)	✓	✓	✓	✓	✓
SUNWtnetc	Telnet Command (client)	✓	✓	✓	✓	✓
SUNWtnetd	Telnet Server Daemon (Usr)	✓	✓	✓	✓	✓
SUNWtnetr	Telnet Server Daemon (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	✓	✓	✓	✓	
SUNWucbt	Appttrace 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	✓	✓	✓	✓	

**TABLE 1-2** Solaris 9 4/04 (x86 Platform Edition) Operating Environment Packages (Continued)

Package	Description	Entire+OEM	Entire	Developer	End User	Core
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)	✓	✓	✓	✓	
SUNWwbsup	Solaris WAN boot support	✓	✓	✓	✓	✓
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	✓	✓	✓	✓	
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.	✓	✓	✓	✓	
SUNWxrgrt	JAXR Runtime	✓	✓			
SUNWxrprt	JAX-RPC Runtime	✓	✓			
SUNWxsrt	Soap Runtime	✓	✓			
SUNWxsvc	Xinside Xserver pseudo driver"	✓	✓	✓	✓	✓
SUNWxwacx	AccessX client program	✓	✓	✓	✓	

**TABLE 1-2** Solaris 9 4/04 (x86 Platform Edition) Operating Environment Packages (Continued)

Package	Description	Entire+OEM	Entire	Developer	End User	Core
SUNWxwcft	X Window System optional fonts	✓	✓	✓	✓	
SUNWxwctl	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	✓	✓	✓	✓	✓
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	✓	✓	✓	✓	



**TABLE 1-2** Solaris 9 4/04 (x86 Platform Edition) Operating Environment Packages *(Continued)*

<b>Package</b>	<b>Description</b>	<b>Entire+OEM</b>	<b>Entire</b>	<b>Developer</b>	<b>End User</b>	<b>Core</b>
SUNWxwssu	X Server x86 platform config start up software	✓	✓	✓	✓	✓
SUNWxwsvr	Screen Saver/Locker for the X Window System	✓	✓			
SUNWxwxf	X Window System Xft (X Freetype) Library	✓	✓	✓	✓	
SUNWxwxst	X Window System XST extension	✓	✓	✓	✓	
SUNWyp	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 4/04 Languages Package List

This chapter lists and describes the packages that support languages in the Solaris 9 4/04 operating environment.

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

- Table 2–1 Solaris 9 4/04 (SPARC Platform Edition) Languages Packages
- Table 2–2 Solaris 9 4/04 (x86 Platform Edition) Languages Packages

**TABLE 2–1** Solaris 9 4/04 (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 4/04 (SPARC Platform Edition) Languages Packages *(Continued)*

<b>Package</b>	<b>Description</b>
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.
NSCPcom	Simplified Chinese localization of Netscape Communicator 4.78 supporting International security.
NSCPpcom	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
NSCPfrcd	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.
NSCPcom	Traditional Chinese localization of Netscape Communicator 4.78 supporting International security.
NSCPpcom	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.

**TABLE 2-1** Solaris 9 4/04 (SPARC Platform Edition) Languages Packages *(Continued)*

<b>Package</b>	<b>Description</b>
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
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.

**TABLE 2-1** Solaris 9 4/04 (SPARC Platform Edition) Languages Packages *(Continued)*

<b>Package</b>	<b>Description</b>
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
SUNWcd dst	Simplified Chinese Localizations for CDE Desktop Applications
SUNWcd dte	Simplified Chinese Localizations for CDE Desktop Login Environment
SUNWcd ezt	Simplified Chinese Localizations for Desktop Power Pack Applications
SUNWcd ft	Simplified Chinese Localizations for CDE Fonts
SUNWcd hcm	Simplified Chinese Localizations for DHCP Manager
SUNWcd he	Simplified Chinese Localizations for CDE Help Runtime environment
SUNWcd hev	Simplified Chinese CDE Help Volumes
SUNWcd hez	Simplified Chinese (Common) Desktop Power Pack Help Volumes
SUNWcd icn	Simplified Chinese Localizations for CDE Icons
SUNWcd im	Simplified Chinese Localizations for CDE Imagetool
SUNWcd t	Simplified Chinese Localizations for CDE Desktop Login Environment
SUNWcd wm	Simplified Chinese Localizations for CDE Desktop Window Manager
SUNWc epmw	Simplified Chinese Localization for Power Management OW Utilities
SUNWc eudt	Central Europe CDE Support
SUNWc euos	Central Europe OS Support
SUNWc euow	Central Europe OW Support
SUNWc euox	Central Europe 64-bit OS Support
SUNWc fdl	Simplified Chinese Solaris Font Downloader for Adobe Postscript (tm) TCP/IP printers
SUNWc j2p	Simplified Chinese localization of Java Plug-in 1.2.2
SUNWc j2rt	Java virtual machine and core class libraries (Simplified Chinese supplement)
SUNWc jaf	Simplified Chinese Java Activation Framework
SUNWc jmail	Simplified Chinese Java Mail Runtime
SUNWc jmfp	Simplified Chinese Localization for JMF player
SUNWc kcsr	Simplified Chinese (EUC) KCMS Runtime Environment
SUNWc leex	Simplified Chinese Language Environment specific files. It is a required package to run Simplified Chinese Language Environment (64-bit) - Extension

**TABLE 2-1** Solaris 9 4/04 (SPARC Platform Edition) Languages Packages *(Continued)*

<b>Package</b>	<b>Description</b>
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
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 Localizations for Solstice Admintool launcher and associated libraries.
SUNWcscgu	Simplified Chinese Localizable Solaris Smart Card Administration - Graphical 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

**TABLE 2-1** Solaris 9 4/04 (SPARC Platform Edition) Languages Packages (Continued)

<b>Package</b>	<b>Description</b>
SUNWcwsr2	Simplified Chinese Localizations for Solaris Product Registry
SUNWcwsrv	Simplified Chinese Localizations for Solaris Product Registry Viewer
SUNWcxce	Simplified Chinese X Windows Platform Software Package
SUNWcxfont	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
SUNWdbcp	German OS Binary Compatibility Package
SUNWddcl	Diskless Client Management Application German Localization
SUNWddhem	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



**TABLE 2-1** Solaris 9 4/04 (SPARC Platform Edition) Languages Packages *(Continued)*

<b>Package</b>	<b>Description</b>
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)
SUNWdjmfpl	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
SUNWdwbcpl	German OpenWindows Binary Compatibility Package
SUNWdwdev	German Localizations for Sun WBEM SDK resources
SUNWdxpl	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

**TABLE 2-1** Solaris 9 4/04 (SPARC Platform Edition) Languages Packages *(Continued)*

<b>Package</b>	<b>Description</b>
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)
SUNWejmfpl	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
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)

**TABLE 2-1** Solaris 9 4/04 (SPARC Platform Edition) Languages Packages *(Continued)*

<b>Package</b>	<b>Description</b>
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
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

**TABLE 2-1** Solaris 9 4/04 (SPARC Platform Edition) Languages Packages *(Continued)*

<b>Package</b>	<b>Description</b>
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
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)
SUNWfjmfpl	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
SUNWfrthe	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)

**TABLE 2-1** Solaris 9 4/04 (SPARC Platform Edition) Languages Packages *(Continued)*

<b>Package</b>	<b>Description</b>
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)
SUNWfreg	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.
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

**TABLE 2-1** Solaris 9 4/04 (SPARC Platform Edition) Languages Packages *(Continued)*

<b>Package</b>	<b>Description</b>
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
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

**TABLE 2-1** Solaris 9 4/04 (SPARC Platform Edition) Languages Packages *(Continued)*

<b>Package</b>	<b>Description</b>
SUNWgttf	Simplified Chinese (GBK) True Type Fonts
SUNWgttfe	Simplified Chinese (GBK) True Type Fonts
SUNWgxfont	Simplified Chinese (GBK) X Windows Platform required Fonts
SUNWgxplx	Simplified Chinese (GBK) X Windows Platform Software Package (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
SUNWhdez	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)

**TABLE 2-1** Solaris 9 4/04 (SPARC Platform Edition) Languages Packages *(Continued)*

<b>Package</b>	<b>Description</b>
SUNWhjmf	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
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
SUNWhkfmt	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 Chinese (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
SUNWhkxsvr	X Window System Screen Saver/Locker Localization Files for Traditional Chinese (Hong Kong) Locale
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



**TABLE 2-1** Solaris 9 4/04 (SPARC Platform Edition) Languages Packages *(Continued)*

<b>Package</b>	<b>Description</b>
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	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 Localizations for Solstice Admintool launcher and associated libraries.
SUNWhscgu	Traditional Chinese Localizable Solaris Smart Card Administration - Graphical User Interface component
SUNWhsfw	Traditional Chinese localization for freeware message
SUNWhsmc	Traditional Chinese Solaris Management Console 2.1
SUNWhltk	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

**TABLE 2-1** Solaris 9 4/04 (SPARC Platform Edition) Languages Packages *(Continued)*

<b>Package</b>	<b>Description</b>
SUNWhxsvr	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
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

**TABLE 2-1** Solaris 9 4/04 (SPARC Platform Edition) Languages Packages *(Continued)*

<b>Package</b>	<b>Description</b>
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.
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
SUNWithec	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)

**TABLE 2-1** Solaris 9 4/04 (SPARC Platform Edition) Languages Packages *(Continued)*

<b>Package</b>	<b>Description</b>
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
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

**TABLE 2-1** Solaris 9 4/04 (SPARC Platform Edition) Languages Packages *(Continued)*

<b>Package</b>	<b>Description</b>
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
SUNWjct	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, Perfometer, 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
SUNWjfp	Japanese localization common root files
SUNWjfp	Japanese localization common root files (Extensions)
SUNWjfp	Japanese localization common usr files
SUNWjfp	Japanese localization common usr files (Extensions)
SUNWjfp	Japanese localization common usr files (64-bit)
SUNWjfxmn	English manpages of Japanese features for X Window System.

**TABLE 2-1** Solaris 9 4/04 (SPARC Platform Edition) Languages Packages *(Continued)*

<b>Package</b>	<b>Description</b>
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
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
SUNWj2m	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

**TABLE 2-1** Solaris 9 4/04 (SPARC Platform Edition) Languages Packages *(Continued)*

<b>Package</b>	<b>Description</b>
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)
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

**TABLE 2-1** Solaris 9 4/04 (SPARC Platform Edition) Languages Packages (Continued)

<b>Package</b>	<b>Description</b>
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
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
SUNWkdwmm	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



**TABLE 2-1** Solaris 9 4/04 (SPARC Platform Edition) Languages Packages (Continued)

<b>Package</b>	<b>Description</b>
SUNWkmg	Korean Solaris Management Applications
SUNWkoj2p	Korean localization of Java Plug-in 1.2.2
SUNWkns	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 Localizations for Solstice Admin tool launcher and associated libraries.
SUNWkscgu	Korean Localizable Solaris Smart Card Administration - Graphical User Interface component
SUNWksfw	Korean localization for freeware message
SUNWksmc	Korean Solaris Management Console 2.1
SUNWkltk	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
SUNWkwbc	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

**TABLE 2-1** Solaris 9 4/04 (SPARC Platform Edition) Languages Packages *(Continued)*

<b>Package</b>	<b>Description</b>
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
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
SUNWrns	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

**TABLE 2-1** Solaris 9 4/04 (SPARC Platform Edition) Languages Packages *(Continued)*

<b>Package</b>	<b>Description</b>
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
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
SUNWspdass	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
SUNWssfww	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

**TABLE 2-1** Solaris 9 4/04 (SPARC Platform Edition) Languages Packages *(Continued)*

<b>Package</b>	<b>Description</b>
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
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

**TABLE 2-1** Solaris 9 4/04 (SPARC Platform Edition) Languages Packages *(Continued)*

<b>Package</b>	<b>Description</b>
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 4/04 (x86 Platform Edition) Languages Packages

<b>Package</b>	<b>Description</b>
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.

**TABLE 2-2** Solaris 9 4/04 (x86 Platform Edition) Languages Packages *(Continued)*

<b>Package</b>	<b>Description</b>
NSCPcom	Simplified Chinese localization of Netscape Communicator 4.78 supporting International security.
NSCPpcom	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
NSCPfrdo	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.
NSCPocom	Traditional Chinese localization of Netscape Communicator 4.78 supporting International security.
NSCPpcom	Traditional Chinese partial version of Netscape Communicator 4.78 supporting International security.
NSCPucom	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.
SUNW5tff	Traditional Chinese True Type Fonts Package
SUNW5tffe	Traditional Chinese True Type Fonts Package Extension

**TABLE 2-2** Solaris 9 4/04 (x86 Platform Edition) Languages Packages *(Continued)*

<b>Package</b>	<b>Description</b>
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
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
SUNWcasac	Simplified Chinese Application Server Admin Client
SUNWcascmn	Simplified Chinese Application Servercommon components
SUNWcasdem	Application Server Admin Client
SUNWcasu	Simplified Chinese Application Server (usr)
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
SUNWcdhte	Simplified Chinese Localizations for CDE Desktop Login Environment
SUNWcdetz	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

**TABLE 2-2** Solaris 9 4/04 (x86 Platform Edition) Languages Packages (Continued)

<b>Package</b>	<b>Description</b>
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
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
SUNWcjmf	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



**TABLE 2-2** Solaris 9 4/04 (x86 Platform Edition) Languages Packages (Continued)

<b>Package</b>	<b>Description</b>
SUNWcsadl	Simplified Chinese Localizations for Solstice Admintool launcher and associated libraries.
SUNWcscgv	Simplified Chinese Solaris Smart Card Administration - Graphical 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
SUNWcwdev	Simplified Chinese Localizations for Solaris WBEM Services
SUNWcwsr2	Simplified Chinese Localizations for Solaris Product Registry
SUNWcwsvr	Simplified Chinese Localizations for Solaris Product Registry Viewer
SUNWcxe	Simplified Chinese X Windows Platform Software Package
SUNWcxfont	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
SUNWcxsvr	X Window System Screen Saver/Locker Localization Files for Simplified Chinese Locale
SUNWddcl	Diskless Client Management Application German Localization
SUNWddhem	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

**TABLE 2-2** Solaris 9 4/04 (x86 Platform Edition) Languages Packages (Continued)

<b>Package</b>	<b>Description</b>
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 localization 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
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)
SUNWdjmfpl	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

**TABLE 2-2** Solaris 9 4/04 (x86 Platform Edition) Languages Packages *(Continued)*

<b>Package</b>	<b>Description</b>
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
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
SUNWefdl	Spanish localization for the Font Downloader
SUNWej2rt	Java virtual machine and core class libraries (Spanish supplement)
SUNWejmf	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
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

**TABLE 2-2** Solaris 9 4/04 (x86 Platform Edition) Languages Packages (Continued)

<b>Package</b>	<b>Description</b>
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
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

**TABLE 2-2** Solaris 9 4/04 (x86 Platform Edition) Languages Packages (Continued)

<b>Package</b>	<b>Description</b>
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
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)
SUNWfjmfpl	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
SUNWfmgrp	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

**TABLE 2-2** Solaris 9 4/04 (x86 Platform Edition) Languages Packages (Continued)

<b>Package</b>	<b>Description</b>
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
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
SUNWfwdev	French Localizations for Sun WBEM SDK resources
SUNWfxplt	French X Windows platform software

**TABLE 2-2** Solaris 9 4/04 (x86 Platform Edition) Languages Packages *(Continued)*

<b>Package</b>	<b>Description</b>
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
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

**TABLE 2-2** Solaris 9 4/04 (x86 Platform Edition) Languages Packages (Continued)

<b>Package</b>	<b>Description</b>
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.
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
SUNWhddl	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



**TABLE 2-2** Solaris 9 4/04 (x86 Platform Edition) Languages Packages (Continued)

Package	Description
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)
SUNWhjmfpl	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
SUNWhkfmt	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 Chinese(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
SUNWhkxwsvr	X Window System Screen Saver/Locker Localization Files for Traditional Chinese (Hong Kong) Locale
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

**TABLE 2-2** Solaris 9 4/04 (x86 Platform Edition) Languages Packages *(Continued)*

<b>Package</b>	<b>Description</b>
SUNWhorte	Traditional Chinese OPENLOOK Toolkits Runtime Environment Package
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
SUNWhsabl	Traditional Chinese Localizations for Solstice Admin tool launcher and associated libraries.
SUNWhscgu	Traditional Chinese Solaris Smart Card Administration - Graphical User Interface component
SUNWhsfw	Traditional Chinese localization for freeware message
SUNWhsmc	Traditional Chinese Solaris Management Console 2.1
SUNWhltk	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
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
SUNWhxsvr	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

**TABLE 2-2** Solaris 9 4/04 (x86 Platform Edition) Languages Packages *(Continued)*

<b>Package</b>	<b>Description</b>
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
SUNWikcsr	Italian localization for Kodak Color Management System Runtime
SUNWilmva	Italian Localizations for Solaris Volume Management API's
SUNWilmvg	Italian Localizations for Solaris Volume Management Application
SUNWimgp	Italian Solaris Management Applications
SUNWindt	Indic Localizations for CDE Desktop Login Environment
SUNWinfmt	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

**TABLE 2-2** Solaris 9 4/04 (x86 Platform Edition) Languages Packages (Continued)

<b>Package</b>	<b>Description</b>
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
SUNWitthed	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
SUNWitwsv	Italian localization for Solaris Product Registry Viewer

**TABLE 2-2** Solaris 9 4/04 (x86 Platform Edition) Languages Packages (Continued)

<b>Package</b>	<b>Description</b>
SUNWitxsvr	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
SUNWjaddl	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)
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
SUNWjdma	Japanese localization for Manual pages for the common desktop environment, CDE
SUNWjdoc	Japanese Documentation Tools
SUNWjdwmm	Japanese localization for CDE Desktop Window Manager
SUNWjject	Japanese localization for UTF-8 Code Conversion Tool

**TABLE 2-2** Solaris 9 4/04 (x86 Platform Edition) Languages Packages (Continued)

<b>Package</b>	<b>Description</b>
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, Perfometer, 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
SUNWjfppe	Japanese localization common root files (Extensions)
SUNWjfpue	Japanese localization common usr files
SUNWjfpue	Japanese localization common usr files (Extensions)
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
SUNWjmane	manual pages (English) for Japanese localization specific features (Extension)
SUNWjmfri	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

**TABLE 2-2** Solaris 9 4/04 (x86 Platform Edition) Languages Packages *(Continued)*

<b>Package</b>	<b>Description</b>
SUNWjpdas	Japanese localization for tools to synchronize desktop applications with the Palm Pilot PDA
SUNWj2m	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 - Graphical 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
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)
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

**TABLE 2-2** Solaris 9 4/04 (x86 Platform Edition) Languages Packages *(Continued)*

<b>Package</b>	<b>Description</b>
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
SUNWkdclt	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
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



**TABLE 2-2** Solaris 9 4/04 (x86 Platform Edition) Languages Packages (Continued)

<b>Package</b>	<b>Description</b>
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
SUNWkmgga	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 Localizations for Solstice Admin tool launcher and associated libraries.
SUNWkscgu	Korean Solaris Smart Card Administration - Graphical User Interface component
SUNWksfw	Korean localization for freeware message
SUNWksmc	Korean Solaris Management Console 2.1
SUNWkltk	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

**TABLE 2-2** Solaris 9 4/04 (x86 Platform Edition) Languages Packages *(Continued)*

<b>Package</b>	<b>Description</b>
SUNWkwdev	Korean Localizations for Solaris WBEM Services
SUNWkwsr2	Korean Localizations for Solaris Product Registry
SUNWkwsvr	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
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

**TABLE 2-2** Solaris 9 4/04 (x86 Platform Edition) Languages Packages *(Continued)*

<b>Package</b>	<b>Description</b>
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
SUNWspdass	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
SUNWssfww	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

**TABLE 2-2** Solaris 9 4/04 (x86 Platform Edition) Languages Packages *(Continued)*

<b>Package</b>	<b>Description</b>
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
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

**TABLE 2-2** Solaris 9 4/04 (x86 Platform Edition) Languages Packages *(Continued)*

<b>Package</b>	<b>Description</b>
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

