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Solaris 9 Package List

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Contents

Preface

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

Who Should Use This Book

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

Related Books

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

TABLE P–1 Related Information

Information	Description
Solaris 9 Installation Guide	Describes how to install the Solaris 9 operating environment
Solaris 9 (SPARC Platform Edition) Online Release Notes	Describes any bugs, known problems, software that is being discontinued, and patches that are related to the Solaris release
Solaris 9 Sun Hardware Platform Guide	Contains information about supported hardware

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Solaris 9 Operating Environment Package List

This chapter lists and describes the packages included in the Solaris 9 operating environment. The table indicates in which software groups each package is included.

TABLE 1–1 Solaris 9 Operating Environment Packages

Package	Description	Entire+OEM	Entire	Developer	End User	Core
FJSVhea	SunOS C/C++ header files for general development of software	✓	✓	✓	✓	✓
FJSVmdb	Fujitsu Platform Modular Debugger (MDB)	✓	✓	✓		
FJSVmdbx	Fujitsu Platform Modular Debugger (MDB) (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	✓	✓			

TABLE 1–1 Solaris 9 Operating Environment Packages   *(Continued)*

Package	Description	Entire+OEM	Entire	Developer	End User	Core
IPLTnspr	Netscape Portable Runtime Interface	✓	✓			
IPLTnss	Network Security Services	✓	✓			
IPLTpldap	PerLDAP	✓	✓			
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)	✓	✓	✓	✓	
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	✓	✓			
SUNWadmap	Software used to perform system administration tasks	✓	✓	✓	✓	
SUNWadmc	Core software libraries used for system administration	✓	✓	✓	✓	
SUNWadmfw	This package contains the system and network administration libraries and services.	✓	✓	✓	✓	
SUNWadmj	Java libraries used for system administration tools	✓	✓	✓	✓	
SUNWadmr	Root programs and scripts for initializing system installation.	✓	✓	✓	✓	✓
SUNWafb	Device driver for the UPA Bus Elite3D graphics accelerator	✓	✓	✓	✓	
SUNWafbcf	Configuration software for the UPA Bus Elite3D graphics accelerator	✓	✓	✓	✓	

TABLE 1–1 Solaris 9 Operating Environment Packages   *(Continued)*

Package	Description	Entire+OEM	Entire	Developer	End User	Core
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)	✓	✓	✓	✓	
SUNWapchd	The Apache HTTP server (documentation)	✓	✓			
SUNWapchr	The Apache HTTP server program (root components)	✓	✓			
SUNWapchu	The Apache HTTP server program (usr components)	✓	✓			
SUNWapct	Appcert utility for application ABI stability checking	✓	✓	✓		
SUNWarc	system libraries in archive (ar) format for software development of statically linked executables	✓	✓	✓		
SUNWarcx	system libraries in archive (ar) format for software development of statically linked executables	✓	✓	✓		
SUNWarrf	X11 fonts for Arabic character set (required fonts)	✓	✓	✓	✓	
SUNWast	administrative utilities for improving system security by monitoring or restricting access to system files and directories	✓	✓			
SUNWatfsr	configuration and start-up files for the AutoFS filesystem	✓	✓	✓	✓	✓
SUNWatfsu	utilities and a daemon (automountd) for the AutoFS filesystem	✓	✓	✓	✓	✓
SUNWauda	SunOS audio applications	✓	✓	✓	✓	✓
SUNWaudd	SunOS audio device drivers using the new audio driver architecture	✓	✓	✓	✓	✓
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 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	✓	✓	✓	✓	✓
SUNWciu8	Simplified Chinese (EUC) iconv modules for UTF-8	✓	✓	✓	✓	
SUNWciu8x	Simplified Chinese (EUC) iconv modules for UTF-8 (64-bit)	✓	✓	✓	✓	
SUNWcpc	Kernel support for CPU Performance Counters	✓	✓	✓		
SUNWcpcu	CPU Performance Counter libraries and utilities	✓	✓	✓		
SUNWcpcux	CPU Performance Counter libraries and utilities (64-bit)	✓	✓	✓		
SUNWcpcx	Kernel support for CPU Performance Counters (64-bit)	✓	✓	✓		

TABLE 1–1 Solaris 9 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	Apptrace utility for application tracing, including shared objects	✓	✓	✓		
SUNWcstlx	Apptrace shared objects (64-bit)	✓	✓	✓		
SUNWcsu	core software for a specific instruction-set architecture	✓	✓	✓	✓	✓
SUNWcsxu	core 64-bit software for a specific instruction-set architecture	✓	✓	✓	✓	✓
SUNWcti2x	I2C and System Controller and Status Drivers for Netra ct cPCI platform (64-bit)	✓	✓	✓	✓	
SUNWctlu	Print utilities for CTL locales	✓	✓	✓	✓	
SUNWctpls	This package contains the layout interface for language engines.	✓	✓	✓	✓	
SUNWctplx	This package contains the 64 bit layout interface for language engines.	✓	✓	✓	✓	
SUNWcvc	Network Console	✓	✓	✓	✓	✓
SUNWcvcr	Network Console daemon and rc script	✓	✓	✓	✓	✓
SUNWcvcx	Network Console (64-bit)	✓	✓	✓	✓	✓
SUNWcxmft	Simplified Chinese (EUC) X Windows Platform Required Fonts	✓	✓	✓	✓	
SUNWdclnt	Solaris Diskless Client Management Application	✓	✓	✓		
SUNWdcsr	Domain Configuration Server, (Root)	✓	✓	✓	✓	
SUNWdcsu	Domain Configuration Server	✓	✓	✓	✓	
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	✓	✓			

TABLE 1–1 Solaris 9 Operating Environment Packages   *(Continued)*

Package	Description	Entire+OEM	Entire	Developer	End User	Core
SUNWdhcsb	Binary File Format Public module exporting Version 1 of the Service Provider Interface. Used to store DHCP data, this module has much better performance than the ASCII files and nisplus public modules.	✓	✓			
SUNWdhcsr	Root filesystem portion of the SunOS BOOTP/DHCP service, which uses the BOOT Protocol and/or Dynamic Host Configuration Protocol to provide network configuration parameters to BOOTP/DHCP clients. Adminstration utilities for the service are included.	✓	✓			
SUNWdhcsu	Usr filesystem portion of the SunOS BOOTP/DHCP service, which uses the BOOT Protocol and/or Dynamic Host Configuration Protocol to provide network configuration parameters to BOOTP/DHCP clients. Adminstration utilities for the service are included.	✓	✓			
SUNWdial	Streams module for the Dials and Buttons devices	✓	✓			
SUNWdialh	Header files for the Dials and Buttons devices	✓	✓			
SUNWdialx	Streams module for the Dials and Buttons devices (64-bit)	✓	✓			
SUNWdmfex	Sun Davicom 10/100Mb Ethernet Driver (64-bit)	✓	✓	✓	✓	✓
SUNWdoc	utilities and fonts for development, display, and production of documentation such as manual pages (nroff/troff)	✓	✓	✓	✓	
SUNWdpl	system libraries compiled with profiling for software development performance measurement	✓	✓	✓		
SUNWdplx	64-bit system libraries compiled with profiling for software development performance measurement	✓	✓	✓		
SUNWdrcrx	Dynamic Reconfiguration Modules for Sun Fire 15000 (64-bit)	✓	✓	✓	✓	
SUNWdrr	Dynamic Reconfiguration Modules for Sun Enterprise 10000	✓	✓	✓	✓	✓
SUNWdrrx	Dynamic Reconfiguration Modules for Sun Enterprise 10000 (64-bit)	✓	✓	✓	✓	✓
SUNWdtab	CDE Desktop Application Builder	✓	✓	✓		
SUNWdtbas	CDE application basic runtime environment	✓	✓	✓	✓	
SUNWdtbax	CDE application basic runtime environment (64-bit)	✓	✓	✓	✓	
SUNWdtcor	Solaris Desktop /usr/dt filesystem anchor	✓	✓	✓	✓	✓
SUNWdtct	UTF-8 Code Conversion Tool	✓	✓	✓	✓	
SUNWdtdem	CDE Demos	✓	✓	✓		
SUNWdtdmn	Daemons for the common desktop environment, CDE	✓	✓	✓	✓	

TABLE 1–1 Solaris 9 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, Perfmeter, Workstation Info	✓	✓	✓	✓	
SUNWdthe	CDE Help Runtime environment	✓	✓	✓	✓	
SUNWdthed	CDE Help Developer Environment	✓	✓	✓		
SUNWdthev	CDE Help Volumes	✓	✓	✓	✓	
SUNWdthez	Desktop Power Pack Help Volumes	✓	✓	✓	✓	
SUNWdticn	Icons for the common desktop environment, CDE	✓	✓	✓	✓	
SUNWdtim	Solaris CDE Image Viewer	✓	✓	✓	✓	
SUNWdtinc	CDE Include files	✓	✓	✓		
SUNWdtjxt	Java Extensions	✓	✓	✓	✓	
SUNWdtlog	System boot for Desktop Login	✓	✓	✓	✓	
SUNWdtma	Manual pages for the common desktop environment, CDE	✓	✓	✓		
SUNWdtmad	Common Desktop Environment (CDE) Developer manual pages	✓	✓	✓		
SUNWdtmaz	Manual pages for Address Manager, Process Manager, File Finder, Perfmeter, Workstation Info	✓	✓	✓		
SUNWdtnsc	This package contains Netscape Componentization Support for CDE	✓	✓	✓	✓	
SUNWdtscm	CDE Dtpower Schemes	✓	✓	✓	✓	
SUNWdtwm	CDE Desktop Window Manager	✓	✓	✓	✓	
SUNWefclx	Embedded FCode Libraries (64-bit)	✓	✓	✓	✓	
SUNWefcr	Embedded FCode Interpreter	✓	✓	✓	✓	
SUNWefcux	Embedded FCode Interpreter (64-bit)	✓	✓	✓	✓	
SUNWefcx	Embedded FCode Interpreter Drivers (64-bit)	✓	✓	✓	✓	
SUNWeridx	Sun RIO 10/100 Mb Ethernet Drivers (64-bit)	✓	✓	✓	✓	✓
SUNWesu	additional UNIX system utilities, including awk, bc, cal, compress, diff, dos2unix, last, rup, sort, spell, sum, uniq, and uuencode	✓	✓	✓	✓	✓
SUNWesxu	additional 64-bit UNIX system utilities	✓	✓	✓	✓	

TABLE 1–1 Solaris 9 Operating Environment Packages   *(Continued)*

Package	Description	Entire+OEM	Entire	Developer	End User	Core
SUNWeuodf	American English/UTF-8 Core OPENLOOK Desktop Files	✓	✓	✓	✓	
SUNWeurf	European codeset fonts	✓	✓	✓	✓	
SUNWeuxwe	American English/UTF-8 X Window Environment	✓	✓	✓	✓	
SUNWfac	utilities and resources for a Form and Menu Language Interpreter (FMLI) execution environment	✓	✓			
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)	✓	✓	✓	✓	
SUNWfnx5x	Federated Naming Service (XFN) - support for X.500 Directory (64-bit)	✓	✓			
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	✓	✓	✓		

TABLE 1–1 Solaris 9 Operating Environment Packages   *(Continued)*

Package	Description	Entire+OEM	Entire	Developer	End User	Core
SUNWftduu	Driver Hardening Test Harness (usr)	✓	✓	✓		
SUNWftdux	Driver Hardening Test Harness (64-bit)	✓	✓	✓		
SUNWftpr	FTP Server Configuration Files	✓	✓	✓	✓	✓
SUNWftpu	FTP Server and Utilities	✓	✓	✓	✓	✓
SUNWfwdcd	IEEE 1394 Video Conferencing demo (64-bit)	✓	✓	✓		
SUNWfwdcu	IEEE 1394 Video Conferencing support (64-bit)	✓	✓	✓	✓	
SUNWfwdcx	IEEE 1394 Video Conferencing Class Driver	✓	✓	✓	✓	
SUNWgcmn	Common GNU package	✓	✓	✓	✓	
SUNWged	Sun Gigabit Ethernet Adapter 32Bit Driver	✓	✓	✓	✓	✓
SUNWgedu	Sun Gigabit Ethernet Adapter Headers	✓	✓	✓		
SUNWgedx	Sun Gigabit Ethernet Adapter 64Bit Driver	✓	✓	✓	✓	✓
SUNWgfb	Device driver for the UPA Bus Sun XVR-1000 Graphics Accelerator	✓	✓	✓	✓	
SUNWgfbcf	Configuration utility for the UPA Bus Sun XVR-1000 Graphics Accelerator	✓	✓	✓	✓	
SUNWgfbr	Boot-time device initialization support for the UPA Bus Sun XVR-1000 Graphics Accelerator	✓	✓	✓	✓	
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	✓	✓	✓		
SUNWgpch	The GNU Patch utility	✓	✓			
SUNWgsdhx	GSS-API 64-bit mechanism libraries for NIS+ extended Diffie-Hellman	✓	✓	✓	✓	
SUNWgss	Generic Security Service Application Program Interface, Version 2 - user	✓	✓	✓	✓	
SUNWgssc	Generic Security Service Application Program Interface, Version 2 - config	✓	✓	✓	✓	

TABLE 1–1 Solaris 9 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	✓	✓	✓	✓	
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)	✓	✓	✓	✓	
SUNWidecr	IDE device drivers updated for UltraAX	✓	✓	✓	✓	✓
SUNWidecx	IDE device drivers - 64bit, updated for UltraAX	✓	✓	✓	✓	✓

TABLE 1–1 Solaris 9 Operating Environment Packages   *(Continued)*

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

TABLE 1–1 Solaris 9 Operating Environment Packages   *(Continued)*

Package	Description	Entire+OEM	Entire	Developer	End User	Core
SUNWislcx	64-bit iconv conversion for Eastern European locales	✓	✓	✓	✓	
SUNWisolc	XSH4 conversion for ISO Latin character sets	✓	✓	✓	✓	
SUNWisolx	64-bit iconv conversion for ISO Latin character sets	✓	✓	✓	✓	
SUNWj2dem	Demonstration applications and applets	✓	✓	✓		
SUNWj2man	man pages	✓	✓	✓		
SUNWj2pi	This package contains configuration files for Java Plug-in 1.2.2	✓	✓	✓	✓	
SUNWj2rt	Java virtual machine and core class libraries	✓	✓	✓		
SUNWj3dev	Tools and utilities including javac, jdb, javadoc, rmiregistry	✓	✓	✓		
SUNWj3dmo	Demonstration applications and applets	✓	✓	✓		
SUNWj3dvx	Tools and utilities including javac, jdb, javadoc, rmiregistry (64 bit)	✓	✓	✓		
SUNWj3irt	JDK 1.4 I18N run time environment	✓	✓	✓	✓	
SUNWj3man	man pages	✓	✓	✓		
SUNWj3rt	Java virtual machine and core class libraries	✓	✓	✓	✓	
SUNWj3rtx	Java virtual machine and core class libraries (64 bit)	✓	✓	✓		
SUNWjcom	Java Communications API for Smart Card support - Java and Native Code	✓	✓	✓	✓	
SUNWjcomx	Java Communications API for Smart Card support - Native Code (64-bit)	✓	✓	✓	✓	
SUNWjhdem	JavaHelp graphical help demos	✓	✓	✓		
SUNWjhdev	JavaHelp graphical help developers toolkit"	✓	✓	✓		
SUNWjhdoc	JavaHelp graphical help documentation	✓	✓	✓		
SUNWjhrt	JavaHelp graphical help runtime	✓	✓	✓		
SUNWjib	Dallas Semiconductor serial iButton OCF Card Terminal Driver	✓	✓	✓	✓	
SUNWjiu8	Japanese iconv modules for conversion between UTF-8 and other Japanese codesets	✓	✓	✓	✓	
SUNWjiu8x	Japanese 64-bit iconv modules for conversion between UTF-8 and other Japanese codesets	✓	✓	✓	✓	
SUNWjmfp	JMF player	✓	✓	✓	✓	

TABLE 1–1 Solaris 9 Operating Environment Packages   *(Continued)*

Package	Description	Entire+OEM	Entire	Developer	End User	Core
SUNWjpg	The Independent JPEG Groups JPEG software	✓	✓	✓	✓	
SUNWjsnmp	Solaris Java SNMP API	✓	✓	✓	✓	
SUNWjxmft	Japanese {Sun,HG,RICOH} Gothic Medium Bitmap Fonts	✓	✓	✓	✓	
SUNWkcslx	Kodak Color Management System Runtime Library for 64 bit OS	✓	✓	✓		
SUNWkcspf	Kodak Color Management System Runtime	✓	✓	✓		
SUNWkcspg	Kodak Color Management System Runtime Demos	✓	✓	✓		
SUNWkcspx	Kodak Color Management System Runtime Demos for 64 bit	✓	✓	✓		
SUNWkcsrl	Kodak Color Management System Runtime Library Support	✓	✓	✓		
SUNWkcsrr	Kodak Color Management System Runtime Profiles	✓	✓	✓		
SUNWkcsrt	Kodak Color Management System Runtime	✓	✓	✓		
SUNWkcsrx	Kodak Color Management System Runtime for 64 bit OS	✓	✓	✓		
SUNWkdcr	Kerberos V5 KDC (root)	✓	✓			
SUNWkdcu	Kerberos V5 Master KDC (user)	✓	✓			
SUNWkey	Configuration tables that specify keyboard attributes such as localized meanings for individual keys	✓	✓	✓	✓	✓
SUNWkiu8	Korean UTF-8 iconv modules for UTF-8	✓	✓	✓	✓	
SUNWkiu8x	Korean (UTF-8) iconv modules for UTF-8 (64-bit)	✓	✓	✓	✓	
SUNWkmp2r	PS/2 Keyboard and Mouse Device Drivers (Root) (32-bit)	✓	✓	✓	✓	✓
SUNWkmp2x	PS/2 Keyboard and Mouse Device Drivers (Root) (64-bit)	✓	✓	✓	✓	✓
SUNWkoi8f	X11 fonts for KOI8-R character set	✓	✓	✓	✓	
SUNWkrbr	Kerberos version 5 support (Root)	✓	✓	✓	✓	✓
SUNWkrbu	Kerberos version 5 support (Usr)	✓	✓	✓	✓	✓
SUNWkrbux	Kerberos version 5 support (Usr) (64-bit)	✓	✓	✓	✓	
SUNWkvm	core software for a specific hardware platform group	✓	✓	✓	✓	✓
SUNWkvmx	core software for a specific hardware platform group	✓	✓	✓	✓	✓
SUNWkxmft	Korean UTF-8 X Windows Platform Required Fonts	✓	✓	✓	✓	
SUNWlccom	localization common files	✓	✓	✓	✓	

TABLE 1–1 Solaris 9 Operating Environment Packages   *(Continued)*

Package	Description	Entire+OEM	Entire	Developer	End User	Core
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	✓	✓	✓	✓	✓
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	✓	✓	✓	✓	
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 2.0 05/02 (root)	✓	✓	✓		
SUNWluu	Live Upgrade 2.0 05/02 (usr)	✓	✓	✓		
SUNWluxd	Sun Enterprise Network Array sf Device Driver	✓	✓	✓	✓	✓
SUNWluxdx	Sun Enterprise Network Array sf Device Driver (64-bit)	✓	✓	✓	✓	✓
SUNWluxl	Sun Enterprise Network Array socal Device Driver	✓	✓	✓	✓	✓
SUNWluxlx	Sun Enterprise Network Array socal Device Driver (64-bit)	✓	✓	✓	✓	✓
SUNWluxop	Sun Enterprise Network Array firmware and utilities	✓	✓	✓	✓	✓
SUNWluxox	Sun Enterprise Network Array libraries (64-bit)	✓	✓	✓	✓	✓
SUNWlvma	Solaris Volume Management APIs	✓	✓	✓		
SUNWlvmg	Solaris Volume Management Application	✓	✓	✓		

TABLE 1–1 Solaris 9 Operating Environment Packages   *(Continued)*

Package	Description	Entire+OEM	Entire	Developer	End User	Core
SUNWlvmr	Solaris Volume Management (root)	✓	✓	✓		
SUNWlxml	The XML library (libxml2-2.4.12)	✓	✓	✓	✓	
SUNWlxmlx	The XML library (libxml2-2.4.12, 64-bit)	✓	✓	✓	✓	
SUNWm64	Device driver for the M64 graphics accelerator	✓	✓	✓	✓	
SUNWm64cf	Configuration utility for the PCI Bus M64 graphics accelerator	✓	✓	✓	✓	
SUNWm64w	X server loadable module for the M64 graphics accelerator	✓	✓	✓	✓	
SUNWm64x	Device driver for the M64 graphics accelerator (64-bit)	✓	✓	✓	✓	
SUNWm64xr	Extended configuration for Xclaim, Charger and Rage Pro graphics cards	✓	✓	✓	✓	✓
SUNWman	System Reference Manual Pages	✓	✓	✓		
SUNWmc	This package contains the client and server components of the Solaris Management Console	✓	✓	✓		
SUNWmcc	This package contains the client components of the Solaris Management Console	✓	✓	✓		
SUNWmccom	This package contains the common components of the Solaris Management Console	✓	✓	✓		
SUNWmcdev	This package contains the software development kit for the Solaris Management Console	✓	✓	✓		
SUNWmcex	This package contains example applications for the Solaris Management Console.	✓	✓	✓		
SUNWmdb	Modular Debugger (MDB)	✓	✓	✓		
SUNWmdbdm	Modular Debugger (MDB) demonstration modules and source code	✓	✓	✓		
SUNWmdbx	Modular Debugger (MDB) (64-bit)	✓	✓	✓		
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	✓	✓	✓		

TABLE 1–1 Solaris 9 Operating Environment Packages   *(Continued)*

Package	Description	Entire+OEM	Entire	Developer	End User	Core
SUNWmfman	CDE Motif Manuals	✓	✓	✓		
SUNWmfrun	Motif 2.1 libraries, headers, xmbind and bindings	✓	✓	✓	✓	
SUNWmga	Solaris Management Applications	✓	✓	✓		
SUNWmgapp	WBEM Management Applications	✓	✓	✓	✓	
SUNWmibii	Solstice Enterprise Agents 1.0.3 snmp daemon	✓	✓	✓	✓	
SUNWmipr	Mobile-IP configuration and startup scripts	✓	✓			
SUNWmipu	Mobile-IP daemon and utilities	✓	✓			
SUNWmkcd	CD creation utilities	✓	✓	✓		
SUNWmp	MP Print Filter	✓	✓	✓	✓	
SUNWncar	core components to enable the network cache and accelerator	✓	✓			
SUNWncarx	core components to enable the network cache and accelerator (64-bit)	✓	✓			
SUNWncau	components to enable the network cache and accelerator	✓	✓			
SUNWncaux	components to enable the network cache and accelerator (64-bit)	✓	✓			
SUNWncft	A pre-defined minimal software configuration consisting of the minimum required software for a standalone, non-networked workstation.	✓	✓			
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)	✓	✓	✓	✓	✓
SUNWnisr	configuration files and directories for the Network Information System (NIS and NIS+)	✓	✓	✓	✓	✓
SUNWnisu	utilities for the Network Information System (NIS and NIS+)	✓	✓	✓	✓	✓
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	✓	✓	✓	✓	

TABLE 1–1 Solaris 9 Operating Environment Packages   *(Continued)*

Package	Description	Entire+OEM	Entire	Developer	End User	Core
SUNWocfh	Open Card Framework - header files	✓	✓	✓		
SUNWocfr	Open Card Framework - configuration files	✓	✓	✓	✓	
SUNWocfx	Open Card Framework (OCF) - 64-bit core libraries	✓	✓	✓	✓	
SUNWolrte	OPEN LOOK toolkits runtime environment	✓	✓	✓	✓	
SUNWopl5m	Perl 5.005_03 Reference Manual Pages	✓	✓	✓		
SUNWopl5p	POD documentation for Perl 5 programming language	✓	✓	✓		
SUNWopl5u	Perl 5.005_03 programming language	✓	✓	✓	✓	
SUNWosdem	Source code to demonstrate the use of OS interfaces: ELF	✓	✓	✓		
SUNWowbcp	Support files, programs, and libraries for OpenWindows Binary Compatibility	✓	✓	✓	✓	
SUNWpamsc	Pluggable Authentication Module for Smart Card Authentication	✓	✓	✓	✓	
SUNWpamsx	Pluggable Authentication Module for Smart Card Authentication (64-bit)	✓	✓	✓	✓	
SUNWpcelx	3COM EtherLink III PCMCIA Ethernet Driver	✓	✓	✓	✓	✓
SUNWpcelxx	3COM EtherLink III PCMCIA Ethernet Driver (64-bit)	✓	✓	✓	✓	✓
SUNWpcmci	kernel modules and start-up files for PCMCIA card services	✓	✓	✓	✓	✓
SUNWpcmcu	daemon providing PCMCIA card services	✓	✓	✓	✓	✓
SUNWpcmcx	64-bit kernel modules for PCMCIA card services	✓	✓	✓	✓	✓
SUNWpcmem	PCMCIA memory card driver	✓	✓	✓	✓	✓
SUNWpcmemx	PCMCIA memory card driver (64-bit)	✓	✓	✓	✓	✓
SUNWpcr	client configuration files and utilities for the print service	✓	✓	✓	✓	
SUNWpcser	PCMCIA serial card driver	✓	✓	✓	✓	✓
SUNWpcserx	PCMCIA serial card driver (64-bit)	✓	✓	✓	✓	✓
SUNWpcu	client configuration files and utilities for the print service	✓	✓	✓	✓	
SUNWpd	Drivers for SPARC platforms with the PCI bus	✓	✓	✓	✓	✓
SUNWpdas	Tools to synchronize desktop applications with the Palm Pilot PDA	✓	✓	✓	✓	
SUNWpdu	SunOS C/C++ header files for development of software for the PCI bus on SPARC platforms.	✓	✓	✓		

TABLE 1–1 Solaris 9 Operating Environment Packages   *(Continued)*

Package	Description	Entire+OEM	Entire	Developer	End User	Core
SUNWpdx	64-bit Drivers for SPARC platforms with the PCI bus	✓	✓	✓	✓	✓
SUNWphx	Solaris interface for phx	✓				
SUNWphxx	Solaris interface for phx (64 bit)	✓				
SUNWpiclh	PICL Header Files	✓	✓	✓		
SUNWpiclr	PICL Framework init scripts	✓	✓	✓	✓	✓
SUNWpiclu	PICL Daemon, Libraries, prtpicl client and plug-in modules	✓	✓	✓	✓	✓
SUNWpiclx	PICL Libraries for clients (64-bit)	✓	✓	✓	✓	✓
SUNWpl5m	Perl 5.6.1 Reference Manual Pages	✓	✓	✓		
SUNWpl5p	POD documentation for Perl 5.6.1 programming language	✓	✓	✓		
SUNWpl5u	Perl 5.6.1 programming language (core)	✓	✓	✓	✓	✓
SUNWpl5v	Perl 5.6.1 programming language (non-core)	✓	✓	✓	✓	✓
SUNWplowr	Root pkg which delivers script for upgrades.	✓	✓	✓	✓	
SUNWpmowm	Power Management OW Utilities Man Pages	✓	✓	✓		
SUNWpmowr	Power Management OW Utilities, (Root)	✓	✓	✓	✓	
SUNWpmowu	Power Management OW Utilities, (Root)	✓	✓	✓	✓	
SUNWpmr	Power Management config file and rc script	✓	✓	✓	✓	
SUNWpmu	Power Management binaries	✓	✓	✓	✓	
SUNWpmux	Power Management binaries (64-bit)	✓	✓	✓	✓	
SUNWpng	Portable Network Graphics Reference Library	✓	✓	✓	✓	
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)	✓	✓			

TABLE 1–1 Solaris 9 Operating Environment Packages   *(Continued)*

Package	Description	Entire+OEM	Entire	Developer	End User	Core
SUNWpppg	Optional GNU utilities for use with PPP	✓	✓			
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)	✓	✓	✓	✓	✓
SUNWrcmdc	Remote Network Client Commands (rsh, rlogin, rcp, rsh, ...)	✓	✓	✓	✓	✓
SUNWrcmdr	Remote Network Server Commands (Root)	✓	✓	✓	✓	✓
SUNWrcmds	Remote Network Server Commands (includes finger, talk, rwho commands)	✓	✓	✓	✓	✓
SUNWrmodu	Realmode Modules, (Usr)	✓	✓	✓	✓	✓
SUNWrmui	Resource Management for Solaris	✓	✓	✓		
SUNWrmwbr	Resource Management for Solaris	✓	✓	✓	✓	
SUNWrmwbu	Resource Management for Solaris	✓	✓	✓	✓	
SUNWrmwbx	Resource Management for Solaris	✓	✓	✓	✓	
SUNWroute	Network Routing daemons/commands (Usr)	✓	✓	✓	✓	✓
SUNWrpm	Utilities for processing RPM archives	✓	✓			
SUNWrsg	GSS-API services for ONC RPC	✓	✓	✓	✓	
SUNWrsgk	kernel GSS-API services for ONC RPC	✓	✓	✓	✓	
SUNWrsgx	GSS-API services for ONC RPC (64-bit)	✓	✓	✓	✓	

TABLE 1–1 Solaris 9 Operating Environment Packages　　*(Continued)*

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

TABLE 1–1 Solaris 9 Operating Environment Packages   *(Continued)*

Package	Description	Entire+OEM	Entire	Developer	End User	Core
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	✓	✓	✓	✓	✓
SUNWsfdrr	DR Daemon init script for Sun Fire 880, (Root)	✓	✓	✓	✓	✓
SUNWsfinf	GNU and open source info pages	✓	✓	✓		
SUNWsfman	GNU and open source man pages	✓	✓	✓		
SUNWsior	SuperIO 307 (plug-n-play) device drivers, (Root) (32-bit)	✓	✓	✓	✓	✓
SUNWsiox	SuperIO 307 (plug-n-play) device drivers, (Root) (64-bit)	✓	✓	✓	✓	✓
SUNWslpr	Root filesystem portion of the Service Location Protocol (SLP) framework. Includes the SLP configuration file and start scripts for the SLP daemon.	✓	✓	✓	✓	
SUNWslpu	Usr filesystem portion of the Service Location Protocol (SLP) framework. Included are C and Java developer libraries and a daemon which can act as a directory agent (DA).	✓	✓	✓	✓	
SUNWslpx	Service Location Protocol (SLP) 64-bit developer libraries	✓	✓	✓	✓	
SUNWsmbac	samba - A Windows SMB/CIFS fileserver for UNIX (client)	✓	✓	✓	✓	
SUNWsmbar	samba - A Windows SMB/CIFS fileserver for UNIX (Root)	✓	✓	✓	✓	
SUNWsmbau	samba - A Windows SMB/CIFS fileserver for UNIX (Usr)	✓	✓			
SUNWsndmr	sendmail root	✓	✓	✓	✓	✓
SUNWsndmu	sendmail user	✓	✓	✓	✓	✓
SUNWsolnm	Enable Solaris Name in /etc/release file	✓	✓	✓	✓	✓
SUNWspl	Spell Checking Engine - Base Release (English)	✓	✓	✓	✓	

TABLE 1–1 Solaris 9 Operating Environment Packages   *(Continued)*

Package	Description	Entire+OEM	Entire	Developer	End User	Core
SUNWsprot	Solaris Bundled tools	✓	✓	✓		
SUNWsprox	Sun Workshop Bundled 64-bit make library	✓	✓	✓		
SUNWsra	libraries in archive (ar) format for source build compatibility with SunOS 4.x	✓	✓	✓		
SUNWsregu	Solaris User Registration prompts at desktop login for user registration information.	✓	✓	✓	✓	
SUNWsrh	SunOS C/C++ header files for source build compatibility with SunOS 4.x	✓	✓	✓		
SUNWssad	pln, soc, and ssd kernel device drivers	✓	✓	✓	✓	✓
SUNWssadx	pln, soc, and ssd kernel device drivers (64-bit)	✓	✓	✓	✓	✓
SUNWssaop	administration utilities and firmware for the SPARCstorage Array (SSA)	✓	✓	✓	✓	✓
SUNWsshcu	Secure Shell protocol common Utilities	✓	✓	✓	✓	
SUNWsshdr	Secure Shell protocol Server	✓	✓	✓	✓	
SUNWsshdu	Secure Shell protocol Server	✓	✓	✓	✓	
SUNWsshr	Secure Shell protocol Client and associated Utilities	✓	✓	✓	✓	
SUNWsshu	Secure Shell protocol Client and associated Utilities	✓	✓	✓	✓	
SUNWstcx	I2C Smartcard kernel device driver for SCM STC chip - (64-bit)	✓	✓	✓	✓	
SUNWsutl	statically linked utilities for system disaster recovery	✓	✓			
SUNWswmt	Solaris 2.x Install and Patch Utilities	✓	✓	✓	✓	✓
SUNWsx	Shareable library and header files for SX/CG14 loadable pipeline support	✓	✓	✓	✓	
SUNWsxow	X server loadable module for the SX/CG14 graphics accelerator	✓	✓	✓	✓	
SUNWsxr	kernel device drivers for the SX video subsystem	✓	✓	✓	✓	
SUNWtcatr	Tomcat Servlet/JSP Container (root)	✓	✓			
SUNWtcatu	Tomcat Servlet/JSP Container	✓	✓			
SUNWtcpd	tcpd - access control facility for internet services	✓	✓			
SUNWtcsh	Tenex C-shell (tcsh)	✓	✓			
SUNWtcx	Device driver for the S24 frame buffer	✓	✓	✓	✓	

TABLE 1–1 Solaris 9 Operating Environment Packages   *(Continued)*

Package	Description	Entire+OEM	Entire	Developer	End User	Core
SUNWtcxow	X server loadable module and configuration utility for the S24 frame buffer	✓	✓	✓	✓	
SUNWter	extensive terminfo database entries describing capabilities of terminals and pseudoterminals	✓	✓	✓		
SUNWtexi	GNU texinfo (texinfo)	✓	✓	✓		
SUNWtftp	Trivial File Transfer Server	✓	✓	✓	✓	✓
SUNWtftpr	Trivial File Transfer Server (Root)	✓	✓	✓	✓	✓
SUNWtiu8	Thai UTF-8 iconv modules for UTF-8	✓	✓	✓	✓	
SUNWtiu8x	Thai UTF-8 iconv modules for UTF-8 (64-bit)	✓	✓	✓	✓	
SUNWtltk	ToolTalk binaries and shared libraries needed for Common Desktop Environment (CDE), OpenWindows, and all ToolTalk clients	✓	✓	✓	✓	
SUNWtltkd	ToolTalk static library and include files for programmers	✓	✓	✓		
SUNWtltkm	ToolTalk manual pages for ToolTalk programmers, OpenWindows users, and Common Desktop Environment (CDE) users	✓	✓	✓		
SUNWtltkx	ToolTalk library (64-bit) needed for Common Desktop Environment (CDE), OpenWindows, and all ToolTalk clients	✓	✓	✓	✓	
SUNWtnamd	Trivial Name Server (Usr)	✓	✓	✓	✓	✓
SUNWtnamr	Trivial Name Server (Root)	✓	✓	✓	✓	✓
SUNWtnetc	Telnet Command (client)	✓	✓	✓	✓	✓
SUNWtnetd	Telnet Server Deamon (Usr)	✓	✓	✓	✓	✓
SUNWtnetr	Telnet Server Deamon (Root)	✓	✓	✓	✓	✓
SUNWtnfc	utilities needed to enable probe points, in the kernel and in applications, that can generate Trace Normal Format (TNF) records in a trace file	✓	✓	✓		
SUNWtnfcx	64-bit utilities needed to enable probe points, in the kernel and in applications, that can generate Trace Normal Format (TNF) records in a trace file	✓	✓	✓		
SUNWtnfd	utilities needed by developers using Trace Normal Format (TNF) facilities	✓	✓	✓		
SUNWtoo	utilities for software development, including ld, ldd, od, and truss	✓	✓	✓	✓	
SUNWtoox	utilities for software development (64-bit)	✓	✓	✓	✓	

TABLE 1–1 Solaris 9 Operating Environment Packages   *(Continued)*

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

TABLE 1–1 Solaris 9 Operating Environment Packages   *(Continued)*

Package	Description	Entire+OEM	Entire	Developer	End User	Core
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	✓	✓	✓		
SUNWwbdoc	Sun WBEM SDK - Documentation	✓	✓	✓		
SUNWwbmc	This package contains the components integrating WBEM and SMC	✓	✓	✓		
SUNWwbpro	Solaris WBEM Providers (usr)	✓	✓	✓	✓	
SUNWwgetr	GNU wget - a utility to retrieve files from the World Wide Web (root components)	✓	✓			
SUNWwgetu	GNU wget - a utility to retrieve files from the World Wide Web (Usr)	✓	✓			
SUNWwrsax	Library to enable Remote Shared Memory over WCI interface (64-bit)	✓	✓	✓		
SUNWwrsdx	DLPI Driver for use with the WCI Remote Shared Memory Driver (64-bit)	✓	✓	✓		
SUNWwrsmx	WCI Remote Shared Memory Drivers (64-bit)	✓	✓	✓		
SUNWwrsux	Commands and libraries for the wrsm and wrsmd drivers (64-bit)	✓	✓	✓		
SUNWwsr2	Solaris Product Registry & Web Start runtime support	✓	✓	✓	✓	✓
SUNWwsrv	Solaris Product Registry Viewer	✓	✓	✓	✓	
SUNWxcu4	utilities providing conformance with XCU4 specifications	✓	✓	✓	✓	

TABLE 1–1 Solaris 9 Operating Environment Packages   *(Continued)*

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

TABLE 1–1 Solaris 9 Operating Environment Packages   *(Continued)*

Package	Description	Entire+OEM	Entire	Developer	End User	Core
SUNWxwicx	X Window System ICE 64-bit library	✓	✓	✓	✓	
SUNWxwinc	X Window System include files	✓	✓	✓		
SUNWxwkey	X Windows software, PC keytables	✓	✓	✓	✓	
SUNWxwman	X Window System online user man pages	✓	✓	✓		
SUNWxwmod	Kernel modules used by the Solaris X Window System Server	✓	✓	✓	✓	✓
SUNWxwmox	64-bit Kernel modules for X Windows	✓	✓	✓	✓	✓
SUNWxwoft	X Window System optional fonts	✓	✓	✓	✓	
SUNWxwopt	X Window System Optional Clients	✓	✓	✓	✓	
SUNWxwpft	X Window System Xprt Printer Fonts	✓	✓	✓	✓	
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	✓	✓	✓	✓	
SUNWypr	NIS Server for Solaris 2.6 and up	✓	✓			
SUNWypu	NIS Server for Solaris 2.6 and up	✓	✓			
SUNWzip	The Info-Zip (zip) compression utility	✓	✓			
SUNWzlib	The Zip compression library	✓	✓	✓	✓	
SUNWzlibx	The Zip compression library (64-bit)	✓	✓	✓	✓	

TABLE 1–1 Solaris 9 Operating Environment Packages   *(Continued)*

Package	Description	Entire+OEM	Entire	Developer	End User	Core
SUNWzsh	Z shell (zsh)	✓	✓			
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)	✓	✓	✓	✓	

Solaris 9 Languages Package List

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

TABLE 2–1 Solaris 9 Languages Packages

Package	Description
JSatsvr	Japanese Input System ATOK12 root files
JSatsvu	Japanese Input System ATOK12 usr files
JSatsvw	Japanese Input System ATOK12 X11 support files
NSCP5com	zh_TW.BIG5 localization of Netscape Communicator 4.78 supporting International security.
NSCPccom	Simplified Chinese localization of Netscape Communicator 4.78 supporting International security.
NSCPcpcom	Simplified Chinese partial version of Netscape Communicator 4.78 supporting International security.
NSCPcucom	zh.UTF-8 localization of Netscape Communicator 4.78 supporting International security.
NSCPdecom	German localization of Netscape Communicator 4.78 supporting International security.
NSCPescom	Spanish localization of Netscape Communicator 4.78 supporting International security.
NSCPeu8cm	American English (UTF-8) Netscape Communicator Localization
NSCPfrcdo	French localization of Netscape Communicator 4.78 supporting U.S. security.
NSCPfrcom	French localization of Netscape Communicator 4.78 supporting International security.
NSCPgcom	zh.GBK localization of Netscape Communicator 4.78 supporting International security.
NSCPhcom	Traditional Chinese localization of Netscape Communicator 4.78 supporting International security.

TABLE 2–1 Solaris 9 Languages Packages   *(Continued)*

Package	Description
NSCPhpcom	Traditional Chinese partial version of Netscape Communicator 4.78 supporting International security.
NSCPhucom	zh_TW.UTF-8 localization of Netscape Communicator 4.78 supporting International security.
NSCPitcom	Italian localization of Netscape Communicator 4.78 supporting International security.
NSCPjacom	Japanese (common) localization of Netscape Communicator 4.78 supporting International security.
NSCPjecom	Japanese (EUC) localization of Netscape Communicator 4.78 supporting International security.
NSCPjpcom	Japanese (PCK) localization of Netscape Communicator 4.78 supporting International security.
NSCPjucom	Japanese (UTF-8) localization of Netscape Communicator 4.78 supporting International security.
NSCPkocom	Korean localization of Netscape Communicator 4.78 supporting International security.
NSCPkpcom	Korean Partial version of Netscape Communicator 4.78 supporting International security.
NSCPkucom	ko.UTF-8 localization of Netscape Communicator 4.78 supporting International security.
NSCPsvcom	Swedish localization of Netscape Communicator 4.78 supporting International security.
SUNW5ttf	Traditional Chinese True Type Fonts Package
SUNW5ttfe	Traditional Chinese True Type Fonts Package Extension
SUNW5xfnt	Traditional Chinese BIG5 X Windows Platform required Fonts Package
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.

TABLE 2–1 Solaris 9 Languages Packages   *(Continued)*

Package	Description
SUNWcamdt	Central America CDE Support
SUNWcamos	Central America OS Support
SUNWcamow	Central America OW Support
SUNWcamox	Central America 64-bit OS Support
SUNWcbcp	This package contains Simplified Chinese (EUC) Language Environment binary compatibility files.
SUNWcdab	Simplified Chinese Localizations for CDE Desktop Application Builder
SUNWcdbas	Simplified Chinese Localizations for CDE Base functionality
SUNWcdcl	Simplified Chinese Localizations for Solaris Diskless Client Management Application
SUNWcddst	Simplified Chinese Localizations for CDE Desktop Applications
SUNWcddte	Simplified Chinese Localizations for CDE Desktop Login Environment
SUNWcdezt	Simplified Chinese Localizations for Desktop Power Pack Applications
SUNWcdft	Simplified Chinese Localizations for CDE Fonts
SUNWcdhcm	Simplified Chinese Localizations for DHCP Manager
SUNWcdhe	Simplified Chinese Localizations for CDE Help Runtime environment
SUNWcdhev	Simplified Chinese CDE Help Volumes
SUNWcdhez	Simplified Chinese (Common) Desktop Power Pack Help Volumes
SUNWcdicn	Simplified Chinese Localizations for CDE Icons
SUNWcdim	Simplified Chinese Localizations for CDE Imagetool
SUNWcdt	Simplified Chinese Localizations for CDE Desktop Login Environment
SUNWcdwm	Simplified Chinese Localizations for CDE Desktop Window Manager
SUNWcepmw	Simplified Chinese Localization for Power Management OW Utilities
SUNWceudt	Central Europe CDE Support
SUNWceuos	Central Europe OS Support
SUNWceuow	Central Europe OW Support
SUNWceuox	Central Europe 64-bit OS Support
SUNWcfdl	Simplified Chinese Solaris Font Downloader for Adobe Postscript (tm) TCP/IP printers
SUNWcj2p	Simplified Chinese localization of Java Plug-in 1.2.2
SUNWcj2rt	Java virtual machine and core class libraries (Simplified Chinese supplement)

TABLE 2–1 Solaris 9 Languages Packages *(Continued)*

Package	Description
SUNWcjmfp	Simplified Chinese Localization for JMF player
SUNWckcsr	Simplified Chinese (EUC) KCMS Runtime Environment
SUNWcleex	Simplified Chinese Language Environment specific files. It is a required package to run Simplified Chinese Language Environment (64-bit) - Extension
SUNWcleu	Simplified Chinese Language Environment specific files. It is a required package to run Simplified Chinese Language Environment
SUNWcleue	Simplified Chinese Language Environment specific files. It is a required package to run Simplified Chinese Language Environment
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
SUNWcorte	Simplified Chinese (EUC) OPENLOOK Toolkits Runtime Environment Package
SUNWcos	This package contains Simplified Chinese Language Environment specific files. It is a required package to run Simplified Chinese Language Environment
SUNWcpdas	Simplified Chinese Localization for tools to synchronize desktop applications with the Palm Pilot PDA
SUNWcreg	Simplified Chinese Localizations for Solaris User Registration
SUNWcrmui	Simplified Chinese Resource Management for Solaris
SUNWcsadl	Simplified Chinese Localizationsfor Solstice Admintool launcher and associated libraries.
SUNWcscgu	Simplified Chinese Localizable Solaris Smart Card Administration - Grahical User Interface component
SUNWcsfw	Simplified Chinese localization for freeware message
SUNWcsmc	Simplified Chinese Solaris Management Console 2.1
SUNWctltk	Simplified Chinese (EUC) ToolTalk Runtime Package Package
SUNWcttf	Simplified Chinese (EUC) True Type Fonts
SUNWcttfe	Simplified Chinese (EUC) True Type Fonts
SUNWcudc	Simplified Chinese Localizations for User Defined Character tool for Solaris CDE environment
SUNWcufnt	Simplified Chinese (UTF-8) X Windows Platform required Fonts
SUNWcwbc	Simplified Chinese Localisations for Solaris WBEM Services

TABLE 2–1 Solaris 9 Languages Packages   *(Continued)*

Package	Description
SUNWcwbcp	Simplified Chinese (EUC) OpenWindows Binary Compatibility Package
SUNWcwdev	Simplified Chinese Localizations for Solaris WBEM Services
SUNWcwsr2	Simplified Chinese Localizations for Solaris Product Registry
SUNWcwsrv	Simplified Chinese Localizations for Solaris Product Registry Viewer
SUNWcxe	Simplified Chinese X Windows Platform Software Package
SUNWcxfnt	Simplified Chinese (EUC) X Windows Platform Required Fonts
SUNWcxman	Simplified Chinese (EUC) X Windows Online User Man Pages Package
SUNWcxplt	Simplified Chinese X Windows Platform Software Package
SUNWdbcp	German OS Binary Compatibility Package
SUNWddcl	Diskless Client Management Application German Localization
SUNWddhcm	German Localizations for DHCP Manager
SUNWdebas	German localization for CDE application basic runtime environment
SUNWdedis	German localization for Software used to perform system administration tasks
SUNWdedma	German localization for Software used to perform system administration tasks
SUNWdedst	German localization for CDE Desktop Applications
SUNWdedte	German localization for Solaris Desktop Login Environment
SUNWdehe	German localization for CDE Help Runtime environment
SUNWdehed	German localization for CDE Help Developer Environment
SUNWdehev	German localization for CDE Help Volumes
SUNWdehez	German localization for Desktop Power Pack Help Volumes
SUNWdeim	German localization for Solaris CDE Image Viewer
SUNWdej2p	German localization of Java Plug-in 1.2.2
SUNWdelu	German localization for Live Upgrade 2.0 05/02 (root)
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 Languages Packages *(Continued)*

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

TABLE 2–1 Solaris 9 Languages Packages   *(Continued)*

Package	Description
SUNWefdl	Spanish localization for the Font Downloader
SUNWej2rt	Java virtual machine and core class libraries (Spanish supplement)
SUNWejmfp	Spanish localization for JMF Player for playing audio and video files
SUNWekcsr	Spanish localization for Kodak Color Management System Runtime
SUNWelvma	Spanish Localizations for Solaris Volume Management API's
SUNWelvmg	Spanish Localizations for Solaris Volume Management Application
SUNWemgp	Spanish Solaris Management Applications
SUNWeorte	Spanish localization for OPEN LOOK toolkits runtime environment
SUNWepdas	Spanish localization for tools to synchronize desktop applications with the Palm Pilot PDA
SUNWermui	Spanish Resource Management for Solaris
SUNWesadl	Spanish localization for Solstice launcher and associated libraries.
SUNWesbas	Spanish localization for CDE application basic runtime environment
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)
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.

TABLE 2–1 Solaris 9 Languages Packages   *(Continued)*

Package	Description
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
SUNWetltk	Spanish localization for ToolTalk binaries and shared libraries needed for Common Desktop Environment (CDE), OpenWindows, and all ToolTalk clients
SUNWeu8df	American English/UTF-8 Core Desktop Files
SUNWeu8os	American English/UTF-8 L10N For OS Environment User Files
SUNWeu8ox	American English/UTF-8 L10N For OS Env User Files (64-bit)
SUNWeudba	American English/UTF-8 L10N For CDE Base
SUNWeudbd	American English/UTF-8 L10N for CDE Dtbuilder
SUNWeudda	American English/UTF-8 L10N For CDE Desktop Applications
SUNWeudhr	American English/UTF-8 L10N for CDE Help Runtime
SUNWeudhs	American English/UTF-8 L10N For CDE Help Runtime
SUNWeudis	American English/UTF-8 L10N For CDE Icons
SUNWeudiv	American English/UTF-8 L10N For Desktop Image tools
SUNWeudlg	American English/UTF-8 L10N For CDE Desktop Login Environment
SUNWeudmg	American English/UTF-8 L10N For Desktop Window Manager
SUNWeuezt	American English/UTF-8 L10N For Desktop Power Pack Applications
SUNWeuhed	American English/UTF-8 L10N for CDE Help Developer Environment
SUNWeuluf	American English/UTF-8 L10N For Environment User Files
SUNWeulux	American English/UTF-8 L10N For Environment User Files (64-bit)
SUNWeusru	American English/UTF-8 L10N For Solaris User Registration
SUNWewacx	Spanish localization for AccessX client program
SUNWewdev	Spanish Localizations for Sun WBEM SDK resources
SUNWexplt	Spanish X Windows platform software
SUNWfbcp	French OS Binary Compatibility Package

TABLE 2–1 Solaris 9 Languages Packages   *(Continued)*

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

TABLE 2–1 Solaris 9 Languages Packages   *(Continued)*

Package	Description
SUNWfrspl	Spell Checking Engine - French Dictionary
SUNWfrwbc	French Localizations for Solaris WBEM Services
SUNWfrwm	French localization for CDE Desktop Window Manager
SUNWfrws2	French localization for Solaris Product Registry & Web Start runtime support
SUNWfrwsv	French localization for Solaris Product Registry Viewer
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
SUNWgttf	Simplified Chinese (GBK) True Type Fonts
SUNWgttfe	Simplified Chinese (GBK) True Type Fonts
SUNWgxfnt	Simplified Chinese (GBK) X Windows Platform required Fonts
SUNWgxplx	Simplified Chinese (GBK) X Windows Platform Software Pacakge (64-bit)
SUNWhacx	Traditional Chinese AccessX client program
SUNWhadis	Traditional Chinese Localizations for admintool and GUI install.
SUNWhadma	Traditional Chinese Localizations for Software used to perform system administration tasks. Admintool requires both this and SUNWhadis packages for Traditional Chinese localization.
SUNWhbcp	This package contains Traditional Chinese Language Environment binary compatibility files.
SUNWhdab	Traditional Chinese Localizations for CDE Desktop Application Builder
SUNWhdbas	Traditional Chinese Localizations for CDE Base functionality
SUNWhdcl	Traditional Chinese Localizations for Solaris Diskless Client Management Application
SUNWhddst	Traditional Chinese Localizations for CDE Desktop Applications
SUNWhddte	Traditional Chinese Localizations for CDE Desktop Login Environment
SUNWhdezt	Traditional Chinese Localizations for Desktop Power Pack Applications

TABLE 2–1 Solaris 9 Languages Packages   *(Continued)*

Package	Description
SUNWhdft	Traditional Chinese Localizations for CDE Fonts
SUNWhdhcm	Traditional Chinese Localizations for DHCP Manager
SUNWhdhe	Traditional Chinese Localizations for CDE Help Runtime environment
SUNWhdhev	Traditional Chinese CDE Help Volumes
SUNWhdhez	Traditional Chinese (Common) Localizations for Desktop Power Pack Help Volumes
SUNWhdicn	Traditional Chinese Localizations for CDE Icons
SUNWhdim	Traditional Chinese Localizations for CDE Imagetool
SUNWhdt	Traditional Chinese Localizations for CDE Desktop Login Environment
SUNWhdwm	Traditional Chinese Localizations for CDE Desktop Window Manager
SUNWhepmw	Traditional Chinese Localization for Power Management OW Utilities
SUNWhfdl	Traditional Chinese Solaris Font Downloader for Adobe Postscript (tm) TCP/IP printers
SUNWhj2p	Traditional Chinese localization of Java Plug-in 1.2.2
SUNWhj2rt	Java virtual machine and core class libraries (Traditional Chinese supplement)
SUNWhjmfp	Traditional Chinese Localization for JMF player
SUNWhkcsr	Traditional Chinese (EUC) KCMS Runtime Environment
SUNWhkdcl	Traditional Chinese (Hong Kong) Localizations for Solaris Diskless Client Management Application
SUNWhkdt	Traditional Chinese (Hong Kong) Localizations for CDE Desktop Login Environment
SUNWhkeex	Traditional Chinese (Hong Kong) Language Environment specific files. It is a required package to run Traditional Chinese (Hong Kong) Language Environment (64-bit)
SUNWhkeue	Traditional Chinese (Hong Kong) Language Environment specific files. It is a required package to run Traditional Chinese (Hong Kong) Language Environment
SUNWhkfnt	Traditional Chinese (Hong Kong) X Windows Platform required Fonts Package
SUNWhkleu	Traditional Chinese (Hong Kong) Language Environment specific files.
SUNWhklex	Traditional Chinese (Hong Kong) Language Environment user files (64-bit)
SUNWhklvmg	Traditional Chinese (Hong Kong) Localizations for Solaris Volume Management Application
SUNWhkmga	Traditional Chinese (Hong Kong) Solaris Management Applications
SUNWhkplt	Traditional Chines(Hong Kong) X Windows Platform Software Package
SUNWhkplx	Traditional Chinese (Hong Kong BIG5) X Windows Platform Software Package (64-bit)
SUNWhkrmui	Traditional Chinese (Hong Kong) Resource Management for Solaris

TABLE 2–1 Solaris 9 Languages Packages   *(Continued)*

Package	Description
SUNWhksmc	Traditional Chinese (Hong Kong) Solaris Management Console 2.1
SUNWhkttf	Traditional Chinese Hong Kong Supplementary Character Set True Type Fonts Package
SUNWhkxe	Traditional Chinese(Hong Kong) X Windows Platform Software Package
SUNWhleex	Traditional Chinese Language Environment specific files. It is a required package to run Traditional Chinese Language Environment (64-bit)
SUNWhleu	Traditional Chinese Language Environment specific files. It is a required package to run Traditional Chinese Language Environment
SUNWhleue	Traditional Chinese Language Environment specific files. It is a required package to run Traditional Chinese Language Environment
SUNWhleux	Traditional Chinese Language Environment specific files. It is a required package to run Traditional Chinese Language Environment (64-bit)
SUNWhlvma	Traditional Chinese Localizations for Solaris Volume Management API's
SUNWhlvmg	Traditional Chinese Localizations for Solaris Volume Management Application
SUNWhmga	Traditional Chinese Solaris Management Applications
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 Localizationsfor Solstice Admintool launcher and associated libraries.
SUNWhscgu	Traditional Chinese Localizable Solaris Smart Card Administration - Grahical User Interface component
SUNWhsfw	Traditional Chinese localization for freeware message
SUNWhsmc	Traditional Chinese Solaris Management Console 2.1
SUNWhtltk	Traditional Chinese ToolTalk Runtime Package Package
SUNWhttf	Traditional Chinese True Type Fonts Package
SUNWhttfe	Traditional Chinese True Type optional Fonts Package Extension
SUNWhudc	Traditional Chinese Localizations for User Defined Character tool for Solaris CDE environment
SUNWhufnt	Traditional Chinese (UTF-8) X Windows Platform required Fonts

TABLE 2–1 Solaris 9 Languages Packages   *(Continued)*

Package	Description
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
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

TABLE 2–1 Solaris 9 Languages Packages   *(Continued)*

Package	Description
SUNWindt	Indic Localizations for CDE Desktop Login Environment
SUNWinfnt	Indic (UTF-8) X Windows Platform required Fonts
SUNWinleu	Indic package contains Indic Language Environment specific files. It is a required package to run Indic Language Environment
SUNWinlex	Indic Language Environment specific files. It is a required package to run Indic Language Environment (64-bit)
SUNWinplt	Indic X Windows Platform Software Package
SUNWinttf	Indic True Type Fonts
SUNWiorte	Italian localization for OPEN LOOK toolkits runtime environment
SUNWipdas	Italian localization for tools to synchronize desktop applications with the Palm Pilot PDA
SUNWirmui	Italian Resource Management for Solaris
SUNWisadl	Italian localization for Solstice launcher and associated libraries.
SUNWiscgu	Italian localization for Solaris Smart Card Administration - Grahical User Interface component
SUNWisfw	Italian localization for freeware message
SUNWitbas	Italian localization for CDE application basic runtime environment
SUNWitdis	Italian localization for Software used to perform system administration tasks
SUNWitdma	Italian localization for Software used to perform system administration tasks
SUNWitdst	Italian localization for CDE Desktop Applications
SUNWitdte	Italian localization for Solaris Desktop Login Environment
SUNWithe	Italian localization for CDE Help Runtime environment
SUNWithed	Italian localization for CDE Help Developer Environment
SUNWithev	Italian localization for CDE Help Volumes
SUNWithez	Italian localization for Desktop Power Pack Help Volumes
SUNWitim	Italian localization for Solaris CDE Image Viewer
SUNWitj2p	Italian localization of Java Plug-in 1.2.2
SUNWitltk	Italian localization for ToolTalk binaries and shared libraries needed for Common Desktop Environment (CDE), OpenWindows, and all ToolTalk clients
SUNWitlu	Italian localization for Live Upgrade 2.0 05/02 (root)
SUNWitos	Italian ON message files
SUNWitpmw	Italian localization for Power Management OW Utilities, (Root)

TABLE 2–1 Solaris 9 Languages Packages   *(Continued)*

Package	Description
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
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
SUNWjbcp	Japanese (EUC) utilities including libc and locale data to provide a binary-compatible execution environment for SunOS 4.x applications.
SUNWjcs3f	Japanese JIS X0212 Type1 fonts for printing
SUNWjdab	Japanese localization for CDE Desktop Application Builder
SUNWjdbas	Japanese localization for CDE application basic runtime environment
SUNWjddst	Japanese localization for CDE Desktop Applications
SUNWjddte	Japanese localization for Solaris Desktop Login Environment
SUNWjdhcm	Japanese Localizations for DHCP Manager
SUNWjdhe	Japanese localization for CDE Help Runtime environment
SUNWjdhed	Japanese localization for CDE Help Developer Environment
SUNWjdhev	Japanese localization for CDE Help Volumes
SUNWjdhez	Japanese localization for Desktop Power Pack Help Volumes
SUNWjdim	Japanese localization for Solaris CDE Image Viewer

TABLE 2–1 Solaris 9 Languages Packages   *(Continued)*

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

TABLE 2–1 Solaris 9 Languages Packages *(Continued)*

Package	Description
SUNWjmga	Japanese Solaris Management Applications
SUNWjorte	Japanese localization for OPEN LOOK toolkits runtime environment
SUNWjos	Japanese ON message files
SUNWjpdas	Japanese localization for tools to synchronize desktop applications with the Palm Pilot PDA
SUNWjpj2m	Japanese (PCK) man pages
SUNWjreg	Japanese localizations for Solaris User Registration
SUNWjrmui	Japanese Resource Management for Solaris
SUNWjsadl	Japanese localization for Solstice launcher and associated libraries.
SUNWjscag	Japanese localization for Solaris Smart Card Administration - Grahical User Interface component
SUNWjsfw	Japanese localization for freeware message
SUNWjsmc	Japanese Solaris Management Console 2.1
SUNWjtlmn	Japanese localization of ToolTalk manual pages for ToolTalk programmers, OpenWindows users, and Common Desktop Environment (CDE) users
SUNWjtltk	Japanese localization for ToolTalk binaries and shared libraries needed for Common Desktop Environment (CDE), OpenWindows, and all ToolTalk clients
SUNWjuj2m	Japanese (UTF-8) man pages
SUNWjulcf	Japanese UTF-8 Locale Environment Common Files
SUNWjwacx	Japanese localization for AccessX client program
SUNWjwbc	Japanese Localizations for Solaris WBEM Services
SUNWjwbcp	Japanese localization for Support files, programs, and libraries for Openwindows Binary Compatibility.
SUNWjwbd	Japanese Localizations for Sun WBEM SDK resources
SUNWjwncr	Japanese Input System - Wnn6 Client, (Root)
SUNWjwncu	Japanese Input System - Wnn6 Client, (Usr)
SUNWjwncx	Japanese Input System - Wnn6 Client X Window System
SUNWjwndt	Japanese Input System - Wnn6 Client for CDE
SUNWjwnsr	Japanese Input System - Wnn6 Server, (Root)
SUNWjwnsu	Japanese Input System - Wnn6 Server, (Usr)
SUNWjws2	Japanese localization for Solaris Product Registry & Web Start runtime support

TABLE 2–1 Solaris 9 Languages Packages   *(Continued)*

Package	Description
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
SUNWkacx	Korean AccessX client program
SUNWkadis	Korean Localizations for admintool and GUI install.
SUNWkadma	Korean Localizations for Software used to perform system administration tasks. Admintool requires both this and SUNWkadis packages for Korean localization.
SUNWkbcp	This package contains Korean Language Environment binary compatibility files.
SUNWkcoft	Korean/Korean UTF-8 common optional font package
SUNWkdab	Korean Localizations for CDE Desktop Application Builder
SUNWkdbas	Korean Localizations for CDE Base functionality
SUNWkdcl	Korean Localizations for Solaris Diskless Client Management Application
SUNWkdcst	The localized tools package for Korean.
SUNWkddst	Korean Localizations for CDE Desktop Applications
SUNWkddte	Korean Localizations for CDE Desktop Login Environment
SUNWkdezt	Korean Localizations for Desktop Power Pack Applications
SUNWkdft	Fonts for the common desktop environment, Korean L10N CDE
SUNWkdhcm	Korean Localizations for DHCP Manager
SUNWkdhe	Korean Localizations for CDE Help Runtime environment
SUNWkdhev	Korean CDE Help Volumes
SUNWkdhez	Korean (Common) Localizations for Desktop Power Pack Help Volumes
SUNWkdicn	Korean Localizations for CDE Icons

TABLE 2–1 Solaris 9 Languages Packages   *(Continued)*

Package	Description
SUNWkdim	Korean Localizations for CDE Imagetool
SUNWkdt	Korean Localizations for CDE Desktop Login Environment
SUNWkdwm	Korean Localizations for CDE Desktop Window Manager
SUNWkepmw	Korean Localization for Power Management OW Utilities
SUNWkfdl	Korean Solaris Font Downloader for Adobe Postscript (tm) TCP/IP printers
SUNWkj2rt	Java virtual machine and core class libraries (Korean supplement)
SUNWkjmfp	Korean Localization for JMF player
SUNWkkcsr	Korean (EUC) KCMS Runtime Environment
SUNWkleex	Korean Language Environment specific files. It is a required package to run Korean Language Environment (64-bit)
SUNWkleu	Korean Language Environment specific files. It is a required package to run Korean Language Environment
SUNWkleue	Korean Language Environment specific files. It is a required package to run Korean Language Environment
SUNWkleux	Korean Language Environment specific files. It is a required package to run Korean Language Environment (64-bit)
SUNWklvma	Korean Localizations for Solaris Volume Management API's
SUNWklvmg	Korean Localizations for Solaris Volume Management Application
SUNWkmga	Korean Solaris Management Applications
SUNWkoj2p	Korean localization of Java Plug-in 1.2.2
SUNWkorte	Korean OPENLOOK Toolkits Runtime Environment Package
SUNWkos	This package contains Korean Language Environment specific files. It is a required package to run Korean Language Environment
SUNWkpdas	Korean Localization for tools to synchronize desktop applications with the Palm Pilot PDA
SUNWkreg	Korean Localizations for Solaris User Registration
SUNWkrmui	Korean Resource Management for Solaris
SUNWksadl	Korean Localizationsfor Solstice Admintool launcher and associated libraries.
SUNWkscgu	Korean Localizable Solaris Smart Card Administration - Grahical User Interface component
SUNWksfw	Korean localization for freeware message
SUNWksmc	Korean Solaris Management Console 2.1
SUNWktltk	Korean ToolTalk Runtime Package Package

TABLE 2–1 Solaris 9 Languages Packages   *(Continued)*

Package	Description
SUNWkttf	Korean True Type Fonts
SUNWkttfe	Korean True Type Font Extension
SUNWkudc	Korean Localizations for User Defined Character tool for Solaris CDE environment
SUNWkuxft	Korean UTF-8 X Windows Platform Required Fonts
SUNWkwbc	Korean Localisations for Solaris WBEM Services
SUNWkwbcp	Korean OpenWindows Binary Compatibility Package
SUNWkwdev	Korean Localizations for Solaris WBEM Services
SUNWkwsr2	Korean Localizations for Solaris Product Registry
SUNWkwsrv	Korean Localizations for Solaris Product Registry Viewer
SUNWkxe	Korean X Windows Platform Software Package
SUNWkxfnt	Korean X Windows Platform Required Fonts
SUNWkxfte	Korean X Windows Platform Required Fonts
SUNWkxman	Korean X Windows Online User Man Pages Package
SUNWkxplt	Korean X Windows Platform Software Package
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

TABLE 2–1 Solaris 9 Languages Packages   *(Continued)*

Package	Description
SUNWneuow	Northern Europe OW Support
SUNWneuox	Northern Europe 64-bit OS Support
SUNWplow1	OpenWindows enabling for Supplementary Partial Locales
SUNWplow	OpenWindows enabling for Partial Locales
SUNWsamdt	Southern America CDE Support
SUNWsamos	Southern America OS Support
SUNWsamow	Southern America OW Support
SUNWsamox	Southern America 64-bit OS Support
SUNWsdcl	Diskless Client Management Application Swedish Localization
SUNWsdhcm	Swedish Localizations for DHCP Manager
SUNWseudt	Southern Europe CDE Support
SUNWseuos	Southern Europe OS Support
SUNWseuow	Southern Europe OW Support
SUNWseuox	Southern Europe 64-bit OS Support
SUNWsfdl	Swedish localization for the Font Downloader
SUNWsj2rt	Java virtual machine and core class libraries (Swedish supplement)
SUNWsjmfp	Swedish localization for JMF Player for playing audio and video files
SUNWskcsr	Swedish localization for Kodak Color Management System Runtime
SUNWslvma	Swedish Localizations for Solaris Volume Management API's
SUNWslvmg	Swedish Localizations for Solaris Volume Management Application
SUNWsmgp	Swedish Solaris Management Applications
SUNWsorte	Swedish localization for OPEN LOOK toolkits runtime environment
SUNWspdas	Swedish localization for tools to synchronize desktop applications with the Palm Pilot PDA
SUNWsrmui	Swedish Resource Management for Solaris
SUNWssadl	Swedish localization for Solstice launcher and associated libraries.
SUNWsscgu	Swedish localization for Solaris Smart Card Administration - Grahical User Interface component
SUNWssfw	Swedish localization for freeware message

TABLE 2–1 Solaris 9 Languages Packages   *(Continued)*

Package	Description
SUNWstltk	Swedish localization for ToolTalk binaries and shared libraries needed for Common Desktop Environment (CDE), OpenWindows, and all ToolTalk clients
SUNWsvbas	Swedish localization for CDE application basic runtime environment
SUNWsvdis	Swedish localization for Software used to perform system administration tasks
SUNWsvdma	Swedish localization for Software used to perform system administration tasks
SUNWsvdst	Swedish localization for CDE Desktop Applications
SUNWsvdte	Swedish localization for Solaris Desktop Login Environment
SUNWsvhe	Swedish localization for CDE Help Runtime environment
SUNWsvhed	Swedish localization for CDE Help Developer Environment
SUNWsvhev	Swedish localization for CDE Help Volumes
SUNWsvhez	Swedish localization for Desktop Power Pack Help Volumes
SUNWsvim	Swedish localization for Solaris CDE Image Viewer
SUNWsvj2p	Swedish localization of Java Plug-in 1.2.2
SUNWsvlu	Swedish localization for Live Upgrade 2.0 05/02 (root)
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
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

TABLE 2–1 Solaris 9 Languages Packages *(Continued)*

Package	Description
SUNWtddte	Thai Localizations for CDE Desktop Login Environment
SUNWtdft	Thai Localizations for CDE Fonts
SUNWtdwm	Thai Localizations for CDE Desktop Window Manager
SUNWtleu	Thai Language Environment specific files. It is a required package to run Thai Language Environment
SUNWtleux	Thai Language Environment specific files. It is a required package to run Thai Language Environment (64-bit)
SUNWtxplt	Thai X Windows Platform Software Package
SUNWudct	User Defined Character tool for Solaris CDE environment
SUNWvbcp	Swedish OS Binary Compatibility Package
SUNWvwbcp	Swedish OpenWindows Binary Compatibility Package
SUNWweudt	Western Europe CDE Support
SUNWweuos	Western Europe OS Support
SUNWweuow	Western Europe OW Support
SUNWweuox	Western Europe 64-bit OS Support