

Oracle® Solaris 11.1 Package Lists

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Preface

Oracle Solaris 11.1 Package Lists lists and briefly describes packages that are installed by default by the different Oracle Solaris 11.1 installers.

Note – This Oracle Solaris release supports systems that use the SPARC and x86 families of processor architectures. The supported systems appear in the *Oracle Solaris OS: Hardware Compatibility Lists*. This document cites any implementation differences between the platform types.

For supported systems, see the *Oracle Solaris OS: Hardware Compatibility Lists*.

Who Should Use This Book

This book is for system administrators who are responsible for planning the installation of the Oracle Solaris 11.1 operating system (OS).

Related Information

Installing Oracle Solaris 11.1 Systems describes how to use the installers to perform various types of installations.

Adding and Updating Oracle Solaris 11.1 Software Packages describes the Oracle Solaris Image Packaging System (IPS) feature, and how to find and install IPS packages. The `pkg(5)` man page describes the Image Packaging System in more detail. The `pkg(1)` man page provides more detail about how to find, install, update, and verify IPS packages.

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Typographic Conventions

The following table describes the typographic conventions that are used in this book.

TABLE P-1 Typographic Conventions

Typeface	Description	Example
AaBbCc123	The names of commands, files, and directories, and onscreen computer output	Edit your <code>.login</code> file. Use <code>ls -a</code> to list all files. <code>machine_name% you have mail.</code>
AaBbCc123	What you type, contrasted with onscreen computer output	<code>machine_name% su</code> Password:
<i>aabbcc123</i>	Placeholder: replace with a real name or value	The command to remove a file is <code>rm filename</code> .
<i>AaBbCc123</i>	Book titles, new terms, and terms to be emphasized	Read Chapter 6 in the <i>User's Guide</i> . <i>A cache</i> is a copy that is stored locally. Do <i>not</i> save the file. Note: Some emphasized items appear bold online.

Shell Prompts in Command Examples

The following table shows UNIX system prompts and superuser prompts for shells that are included in the Oracle Solaris OS. In command examples, the shell prompt indicates whether the command should be executed by a regular user or a user with privileges.

TABLE P-2 Shell Prompts

Shell	Prompt
Bash shell, Korn shell, and Bourne shell	\$

TABLE P-2 Shell Prompts (Continued)

Shell	Prompt
Bash shell, Korn shell, and Bourne shell for superuser	#
C shell	machine_name%
C shell for superuser	machine_name#

Installation Options Base Package Sets

This document briefly describes the group package types installed by the different Oracle Solaris 11.1 installers. This document also includes lists of the installation group package contents.

Installation Group Packages

A *group package* specifies the set of packages that constitute a feature or tool.

IPS group packages consist solely of packages with dependencies on other packages that make up a logical grouping of software. IPS group packages are similar to Oracle Solaris 10 metaclusters. The primary difference is that metaclusters are nested subsets ranging from a minimal installation to nearly all packages on the media. Group packages have no such hierarchy. Two different IPS group packages can specify some of the same packages as members of the group.

You can install multiple IPS group packages in the same image, including multiple installation group packages. For example, you can install both the `solaris-large-server` and `solaris-desktop` group packages if you need a system that has both server and desktop capabilities. See descriptions of these packages in [Chapter 2, “Packages Installed by Group Packages for SPARC Based Systems,”](#) and in [Chapter 3, “Packages Installed by Group Packages for x86 Based Systems.”](#)

You can choose not to install some of the packages that are members of a group package. You can uninstall packages that were installed as part of a group package installation. When you choose not to install members of group packages, additional packages might be affected because of other package dependencies.

Note – Though the package lists are shown as separate lists for SPARC and x86 architectures, Oracle Solaris uses one set of sources for both architectures. As a result, features such as the Automated Installer (AI), Image Packaging System (IPS), and Service Management Facility (SMF), are available across both SPARC based and x86 based platforms. Differences between the two platforms include hardware specific software such as certain device drivers.

Installation Group Package Types and Usage

The following three group packages are used by the Oracle Solaris 11 installers:

- `group/system/solaris-large-server`

Both the text installer and the default Automated Installer (AI) manifest in an automated client installation install the `group/system/solaris-large-server` (or `solaris-large-server`) group package. The `solaris-large-server` group package contains all of the common network services that an enterprise server must provide. This group package also contains hardware drivers that are required for servers, such as InfiniBand drivers.

- `group/system/solaris-small-server`

The default installation manifest for non-global zones installs the `group/system/solaris-small-server` (or `solaris-small-server`) group package. The `solaris-small-server` group package is also an alternative you can use to install a smaller set of packages on a server. Some of the tools installed by `solaris-large-server` that are not installed by `solaris-small-server` include the following:

- `make` command
- `top` command
- Some GNU utilities, including the GNU version of the `tar` command
- CD and DVD writing tools
- Dynamic reconfiguration

For a complete list, consult the `solaris-small-server` entries in [Chapter 2, “Packages Installed by Group Packages for SPARC Based Systems,”](#) or [Chapter 3, “Packages Installed by Group Packages for x86 Based Systems.”](#)

- `group/system/solaris-desktop`

The Oracle Solaris 11 GUI installer installs the `group/system/solaris-desktop` (or `solaris-desktop`) group package. This group package contains the GNOME desktop environment and other GUI applications such as web browsers and mail clients. Drivers for graphics and audio devices are also included.

See [Adding and Updating Oracle Solaris 11.1 Software Packages](#) for information about how to find and install packages that are not in these group packages, and how to avoid installing some of the packages that are in these group packages.

Packages Installed by Group Packages for SPARC Based Systems

This chapter lists and describes the packages that are installed by each of the Oracle Solaris 11.1 installation group packages for SPARC based systems.

Installation Group Package Content for SPARC Based Systems

The installation group package content information is taken directly from the following `pkg list` outputs:

- `pkg list -as 'pkg contents -r -H -o fmri -t depend -a type=group solaris-large-server'` for the `solaris-large-server` group package.
- `pkg list -as 'pkg contents -r -H -o fmri -t depend -a type=group solaris-small-server'` for the `solaris-small-server` group package.
- `pkg list -as 'pkg contents -r -H -o fmri -t depend -a type=group solaris-desktop'` for the `solaris-desktop` group package.

Refer to the [pkg\(1\)](#) man page for more detail about how to find, install, update, and verify IPS packages.

TABLE 2-1 Group Packages, SPARC Based Systems

Package Name	Description	solaris-large-server	solaris-small-server	solaris-desktop
archiver/gnu-tar	GNU version of the tar archiving utility	✓		✓
audio/audio-utilities	Audio Applications			✓
codec/flac	Free Lossless Audio Codec			✓
codec/libtheora	Theora video compression codec			✓

TABLE 2-1 Group Packages, SPARC Based Systems (Continued)

Package Name	Description	solaris- large- server	solaris- small- server	solaris- desktop
codec/ogg-vorbis	Ogg bitstream and Vorbis audio codec libraries			✓
codec/speex	Open Source speech codec			✓
communication/im/pidgin	GNOME multi-protocol instant messaging client			✓
compress/bzip2	high-quality block-sorting file compressor - utilities	✓	✓	✓
compress/gzip	GNU Zip (gzip)	✓	✓	✓
compress/p7zip	The p7zip compression and archiving utility	✓	✓	✓
compress/unzip	Info-Zip (unzip)	✓	✓	✓
compress/xz	XZ Utils - loss-less file compression application and library.	✓	✓	✓
compress/zip	Info-Zip (zip)	✓	✓	✓
crypto/gnupg	GNU Privacy Guard			✓
crypto/pwgen	Easy to memorize password generator	✓		✓
desktop/administration/nwam-manager	Network Auto-Magic User Interface			✓
desktop/archive-manager/file-roller	GNOME archive manager			✓
desktop/calculator/gcalctool	GNOME calculator utility			✓
desktop/cd-burning/brasero	Gnome CD/DVD burner			✓
desktop/cd-ripping/sound-juicer	CD ripping tool			✓
desktop/character-map/gucharmap	GNOME character map utility			✓
desktop/compiz	OpenGL compositing window manager			✓
desktop/gksu	Gksu CLI and libraries			✓
desktop/pdf-viewer/evince	GNOME PDF document viewer			✓
desktop/remote-desktop/tigervnc	TigerVNC client			✓

TABLE 2-1 Group Packages, SPARC Based Systems (Continued)

Package Name	Description	solaris-large-server	solaris-small-server	solaris-desktop
desktop/system-monitor/gnome-system-monitor	GNOME system monitor			✓
desktop/time-slider	Time Slider ZFS snapshot management for GNOME			✓
desktop/window-manager/twm	twm - Tab Window Manager for the X Window System			✓
desktop/xdg/menu-editor/alacarte	Simple menu editor for GNOME			✓
desktop/xdg/xdg-user-dirs-gtk	GTK Frontend for handling user directories			✓
desktop/xdg/xdg-utils	The Portland Project's desktop integration tools			✓
desktop/xscreensaver	XScreenSaver - Screen Saver/Locker for the X Window System			✓
developer/build/gnu-make	A utility for directing compilation.	✓		✓
developer/build/make	A utility for managing compilations.	✓		✓
developer/debug/mdb	Modular Debugger	✓	✓	✓
developer/gnome/gnome-doc-utils	GNOME documentation utilities			✓
diagnostic/cpu-counters	CPU Performance Counter libraries and utilities	✓	✓	✓
diagnostic/ddu	DDU GUI			✓
diagnostic/ddu/text	DDU Text	✓		✓
diagnostic/latencytop	LatencyTOP resource contention diagnostic tool	✓	✓	✓
diagnostic/powertop	PowerTOP system power management observability tool	✓	✓	✓
diagnostic/scanpci	scanpci and libpciaccess - generic PCI access software	✓	✓	✓
diagnostic/snoop	snoop command	✓	✓	✓
diagnostic/spray	spray client	✓		✓

TABLE 2-1 Group Packages, SPARC Based Systems (Continued)

Package Name	Description	solaris- large- server	solaris- small- server	solaris- desktop
diagnostic/tcpdump	network traffic sniffer	✓	✓	✓
diagnostic/top	provides a rolling display of top cpu using processes	✓		✓
diagnostic/xload	xload - system load average display for X			✓
documentation/gnome/gnome-user-docs	GNOME user documentation			✓
driver/audio/audio-usb	USB audio drivers			✓
driver/audio/audiols	Creative Audigy LS audio driver			✓
driver/audio/audiop16x	Creative P16X audio driver			✓
driver/crypto/dca	DCA Crypto Accelerator	✓	✓	✓
driver/crypto/n2cp	UltraSPARC-T2 Crypto Provider	✓	✓	✓
driver/crypto/tpm	Trusted Platform Module driver	✓	✓	✓
driver/fc/emlxs	Emulex LightPulse Fibre Channel and OneConnect Converged Network Driver (emlxs, oce)	✓	✓	✓
driver/fc/qlc	QLogic ISP Fibre Channel Device Storage and NIC Driver	✓	✓	✓
driver/fc/socal	Sun Enterprise Network Array socal Device Driver	✓	✓	✓
driver/graphics/ast	AST Graphics for SPARC ILOM device driver	✓	✓	✓
driver/graphics/efb	efb - Sun XVR-300, XVR-100, XVR-50 kernel graphics driver	✓	✓	✓
driver/graphics/mga	MGA Graphics for SPARC ILOM device driver	✓	✓	✓
driver/graphics/usbvc	USB Video Class Driver			✓
driver/ieee-1394/av1394	IEEE1394 AV Driver			✓
driver/ieee-1394/dcam1394	IEEE1394 Video Conferencing Class Driver			✓

TABLE 2-1 Group Packages, SPARC Based Systems (Continued)

Package Name	Description	solaris-large-server	solaris-small-server	solaris-desktop
driver/infiniband/connectx	Mellanox ConnectX Family InfiniBand HCA and 10GbE NIC Drivers	✓	✓	
driver/management/bmc	IPMI Baseboard Management Controller	✓	✓	✓
driver/management/ipmi	OpenIPMI compliant Baseboard Management Controller	✓	✓	✓
driver/network/ethernet/afe	Infineon (ADMtek) NIC Driver	✓	✓	✓
driver/network/ethernet/bge	Broadcom 57xx 1GbE NIC Driver	✓	✓	✓
driver/network/ethernet/chxge	Chelsio N110 10GbE NIC Driver	✓	✓	✓
driver/network/ethernet/cxge	Chelsio Terminator 3 10GbE NIC Driver	✓	✓	✓
driver/network/ethernet/dmfe	Davicom DM9102A NIC Driver	✓	✓	✓
driver/network/ethernet/e1000g	Intel(R) PRO/1000 NIC Driver	✓	✓	✓
driver/network/ethernet/eri	Sun RIO NIC Driver	✓	✓	✓
driver/network/ethernet/hme	SunSwift Adapter Drivers (fas, hme)	✓	✓	✓
driver/network/ethernet/hxge	Sun Blade 6000 10 GbE NIC Driver	✓	✓	✓
driver/network/ethernet/igb	Intel(R) 82575/82576 1GbE NIC Driver	✓	✓	✓
driver/network/ethernet/ixgb	Intel(R) PRO/10GbE Server NIC Driver	✓	✓	✓
driver/network/ethernet/ixgbe	Intel(R) 82598 10GbE NIC Driver	✓	✓	✓
driver/network/ethernet/mxfe	Macronix NIC Driver	✓	✓	✓
driver/network/ethernet/myri10ge	Myricom 10GbE NIC Driver	✓	✓	✓
driver/network/ethernet/nxge	Sun NIU Gigabit NIC driver	✓	✓	✓

TABLE 2-1 Group Packages, SPARC Based Systems (Continued)

Package Name	Description	solaris- large- server	solaris- small- server	solaris- desktop
driver/network/ethernet/qfe	Sun Quad FastEthernet Driver	✓	✓	✓
driver/network/ethernet/qlcnic	QLogic P3+ 10GbE NIC Driver	✓	✓	✓
driver/network/ethernet/rge	Realtek 8169 Ethernet Driver	✓	✓	✓
driver/network/ethernet/rtls	Realtek RTL-8139 Ethernet Driver	✓	✓	✓
driver/network/ethernet/sfe	SiS SiS900 NIC Driver	✓	✓	✓
driver/network/ethernet/sxge	Sun Blade 6000 40/10 GbE NIC Driver	✓	✓	✓
driver/network/ethernet/usbecm	CDC ECM USB-to-Ethernet NIC driver	✓	✓	✓
driver/network/ethernet/vr	VIA Rhine NIC driver	✓	✓	✓
driver/network/ethernet/vxge	Neterion X3100 10GbE NIC Driver	✓	✓	✓
driver/network/ethernet/xge	Neterion Xframe 10GbE NIC Driver	✓	✓	✓
driver/network/ethernet/yge	Marvell Yukon-2 Gigabit NIC Driver	✓	✓	✓
driver/network/wlan/pcan	Cisco Aironet Wireless NIC Driver	✓	✓	✓
driver/network/wlan/pcwl	Lucent and PRISM-II Wireless NIC driver	✓	✓	✓
driver/parallel/ecpp	Parallel Port Driver	✓	✓	✓
driver/pcmcia	PCMCIA Card Services	✓	✓	✓
driver/serial/pcser	PCMCIA serial card driver	✓	✓	✓
driver/serial/se	Siemens 82532 ESCC driver	✓	✓	✓
driver/serial/usbftdi	FT232R USB UART	✓	✓	✓
driver/serial/usbsacm	CDC ACM USB-to-serial driver	✓	✓	✓
driver/serial/usbser	USB generic serial module	✓	✓	✓
driver/serial/usbser_edge	USB Digi Edgeport serial driver	✓	✓	✓

TABLE 2-1 Group Packages, SPARC Based Systems (Continued)

Package Name	Description	solaris- large- server	solaris- small- server	solaris- desktop
driver/serial/usbsksp	USB Keyspan serial driver	✓	✓	✓
driver/serial/usbsksp/usbs49_fw	USA49WLC firmware for USB Keyspan serial driver	✓	✓	✓
driver/serial/usbsprl	Prolific PL2303 USB-to-serial driver	✓	✓	✓
driver/storage/aac	Adaptec AdvanceRaid Controller SCSI HBA Driver	✓	✓	✓
driver/storage/blkdev	Generic Block Driver	✓	✓	✓
driver/storage/glm	LSI 53C family host bus adapter driver	✓	✓	✓
driver/storage/ifp	Sun Fibre Channel Arbitrated Loop Device Driver	✓	✓	✓
driver/storage/isp	Emulex/QLogic Intelligent SCSI Processor driver for ISP 1000 and 1040A	✓	✓	✓
driver/storage/lsc	LSI MPT SAS 3.0 Controller HBA Driver	✓	✓	✓
driver/storage/mpt	LSI 53C1030/SAS1064/SAS1068 /Dell SAS6i/R HBA driver	✓	✓	✓
driver/storage/mpt_sas	LSI MPT SAS 2.0 Controller HBA Driver	✓	✓	✓
driver/storage/mr_sas	LSI MegaRAID SAS2.0 HBA Driver	✓	✓	✓
driver/storage/pcata	PCMCIA ATA card driver	✓	✓	✓
driver/storage/pmcs	PMC-Sierra SAS-2 HBA driver	✓	✓	✓
driver/storage/sbp2	Serial Bus Protocol 2 module	✓	✓	✓
driver/storage/scsa1394	IEEE 1394 mass storage driver	✓	✓	✓
driver/storage/ses	SCSI Enclosure Services Device Driver	✓	✓	✓
driver/storage/sf	Sun Enterprise Network Array sf Device Driver	✓	✓	✓

TABLE 2-1 Group Packages, SPARC Based Systems (Continued)

Package Name	Description	solaris- large- server	solaris- small- server	solaris- desktop
driver/storage/smp	Target Driver for Serial SCSI Management Protocol (SMP) Compliant Devices	✓	✓	✓
driver/storage/ssd	SPARCstorage Array Drivers	✓	✓	✓
driver/x11/winlock	X Windows System Window Drivers			✓
editor/gedit	GNOME text editor			✓
editor/gedit/gedit-plugins	A collection of plugins for gedit			✓
editor/gvim	Vi IMproved (GUI)			✓
editor/nano	A small text editor	✓		✓
editor/vim	Vi IMproved			✓
editor/vim/vim-core	Vi IMproved (core executables)	✓	✓	
file/filesync	filesync command	✓		✓
file/gnu-coreutils	GNU Core Utilities	✓		✓
file/gnu-findutils	GNU utilities find and xargs	✓		✓
file/slocate	Finds files on a system via a central database	✓		✓
gnome/accessibility/orca	Orca screen reader/magnifier			✓
gnome/applet/gnome-applets	GNOME panel applets			✓
gnome/applet/gnome-fun-applets	GNOME panel applets - amusements			✓
gnome/applet/gnome-internet-applets	GNOME panel applets - internet			✓
gnome/applet/gnome-intranet-applets	GNOME panel applets - intranet			✓
gnome/applet/gnome-mm-applets	GNOME panel applets - multimedia			✓
gnome/applet/gnome-utility-applets	GNOME panel applets - multimedia			✓
gnome/disk-analyzer/baobab	GNOME disk usage analyzer			✓

TABLE 2-1 Group Packages, SPARC Based Systems (Continued)

Package Name	Description	solaris- large- server	solaris- small- server	solaris- desktop
gnome/file-manager/nautilus	GNOME file manager			✓
gnome/ggv	GNOME PostScript document viewer (Obsolete)			✓
gnome/gnome-audio	GNOME audio support framework			✓
gnome/gnome-camera	GNOME digital camera tool			✓
gnome/gnome-dictionary	GNOME dictionary tool			✓
gnome/gnome-keyring	GNOME keyring libraries			✓
gnome/gnome-log-viewer	GNOME log viewer			✓
gnome/gnome-panel	GNOME panel and support libraries			✓
gnome/gnome-power-manager	GNOME Power Manager utilities for desktop users			✓
gnome/gnome-remote-desktop	GNOME remote desktop			✓
gnome/gnome-screenshot	GNOME screenshot tool			✓
gnome/gnome-search-tool	GNOME file search tool			✓
gnome/gnome-session	GNOME session manager			✓
gnome/help-viewer/yelp	GNOME help system			✓
gnome/media/gnome-media	GNOME media components			✓
gnome/media/gnome-media-player	GNOME media player			✓
gnome/preferences/control-center	GNOME desktop wide preference configuration tools			✓
gnome/speech/gnome-speech	GNOME text-to-speech engine			✓
gnome/speech/gnome-speech/driver/gnome-speech-espeak	GNOME text-to-speech engine - eSpeak Synthesis Driver			✓
gnome/theme/background/os-backgrounds	Selection of OpenSolaris backgrounds for the GNOME desktop			✓
gnome/theme/background/os-backgrounds-extra	Selection of OpenSolaris backgrounds for the GNOME desktop - extra backgrounds			✓

TABLE 2-1 Group Packages, SPARC Based Systems (Continued)

Package Name	Description	solaris- large- server	solaris- small- server	solaris- desktop
gnome/theme/gnome-icon-theme	GNOME Icon Themes			✓
gnome/theme/gnome-themes	Gnome themes			✓
gnome/theme/gtk2-engines	Engines for GTK2 Themes			✓
gnome/theme/hicolor-icon-theme	GNOME Hi Color Icon Theme			✓
gnome/theme/nimbus	Engine for Sun Nimbus GTK2 Theme			✓
gnome/theme/nimbus-hires	GNOME themes - high resolution icons			✓
gnome/theme/sound/xdg-sound-theme	XDG FreeDesktop Sound Theme			✓
gnome/theme/tango-icon-theme	Tango icon theme			✓
gnome/window-manager/metacity	GNOME window manager			✓
gnome/zenity	GNOME graphical dialog box generator			✓
image/dcraw	dcraw - Decoding RAW digital photos			✓
image/imagemagick	ImageMagick - Image Manipulation Utilities and Libraries			✓
image/viewer/eog	GNOME image viewer			✓
install/installadm	installadm utility	✓		
install/js2ai	JumpStart to AI utility	✓		
library/accessibility/brltty	Braille support			✓
library/demo/audio-samples	Audio Sample Sound Files			✓
library/desktop/gtk2/gtk-backend-cups	GTK+ - GIMP toolkit libraries - CUPS Print Backend			✓
library/desktop/search/tracker	Desktop search tool			✓
library/gnome/gnome-keyring	GNOME keyring libraries			✓
library/gnome/gvfs	GNOME virtual file system framework			✓

TABLE 2-1 Group Packages, SPARC Based Systems (Continued)

Package Name	Description	solaris- large- server	solaris- small- server	solaris- desktop
library/libproxy/libproxy-gnome	Plugin of libproxy to get proxy information set by GConf			✓
library/myspell/dictionary/de	Myspell and Hunspell spell dictionary files for German			✓
library/myspell/dictionary/en	Myspell and Hunspell spell dictionary files for English			✓
library/myspell/dictionary/es	Myspell and Hunspell spell dictionary files for Spanish			✓
library/myspell/dictionary/fr	Myspell and Hunspell spell dictionary files for French			✓
library/myspell/dictionary/it	Myspell and Hunspell spell dictionary files for Italian			✓
library/myspell/dictionary/pt_br	Myspell and Hunspell spell dictionary files for Portuguese Brazilian			✓
library/python-2/coherence-26	DLNA/UPnP framework for the digital living			✓
mail/thunderbird	Mozilla Thunderbird Email/Newsgroup Client			✓
mail/thunderbird/plugin/thunderbird-lightning	Mozilla Thunderbird Email/Newsgroup Client - Calendar			✓
media/cdrtools	CD/DVD/BluRay command line recording software	✓	✓	✓
media/cdrw	utility for writing to CD-R/RW and DVD{+-}R/RW disks	✓		✓
media/dvd+rw-tools	Toolchain to master DVD+RW/+R media	✓		✓
media/xorriso	GNU xorriso	✓	✓	✓
naming/ldap	LDAP Utilities	✓	✓	✓
network/dns/bind	BIND DNS tools	✓	✓	✓
network/finger	finger command	✓		✓
network/ftp	ftp command	✓		✓

TABLE 2-1 Group Packages, SPARC Based Systems (Continued)

Package Name	Description	solaris- large- server	solaris- small- server	solaris- desktop
network/ftp/ncftp	NcFTP - client application implementing FTP	✓		✓
network/ipfilter	Solaris IP Filter	✓	✓	✓
network/legacy-remote-utilities	Legacy remote network client commands	✓		✓
network/netcat	Netcat Command	✓		✓
network/open-fabrics	Oracle Solaris OpenFabrics userland libraries and applications	✓	✓	
network/ping	ping command	✓	✓	✓
network/rsync	rsync - faster, flexible replacement for rcp	✓	✓	✓
network/ssh	SSH Client and utilities	✓	✓	✓
network/ssh/ssh-key	SSH Common	✓	✓	✓
network/talk	talk client command	✓		✓
network/telnet	Telnet Command (client)	✓		✓
network/whois	whois command	✓		✓
package/pkg	Image Packaging System	✓	✓	✓
package/pkg/package-manager	GUI for Image Packaging System			✓
package/pkg/update-manager	Update Manager for Image Packaging System			✓
package/rpm	Utilities for processing RPM archives	✓		✓
package/svr4	SVr4 packaging commands	✓		✓
print/cups	Common Unix Print System	✓		✓
print/cups/filter/foomatic-db	Foomatic database of PostScript Printer Definition files	✓		✓
print/cups/filter/foomatic-db-engine	Foomatic Database Engine	✓		✓

TABLE 2-1 Group Packages, SPARC Based Systems (Continued)

Package Name	Description	solaris- large- server	solaris- small- server	solaris- desktop
print/cups/hal-cups-utils	Automatic queue creation for CUPS	✓		✓
print/cups/system-config-printer	Print Manager for CUPS			✓
print/filter/a2ps	GNU a2ps - 'Anything to PostScript' converter and pretty printer	✓		✓
print/filter/ghostscript	GPL Ghostscript			✓
print/filter/ghostscript/fonts/gnu-gs-fonts-other	GNU Ghostscript Fonts (Other)			✓
print/filter/ghostscript/fonts/gnu-gs-fonts-std	GNU Ghostscript Fonts (Standard)			✓
print/filter/gutenprint	gutenprint - Drivers for Canon, Epson, Lexmark & PCL printers			✓
print/filter/hplip	hpijs - HP InkJet Server	✓		✓
print/lp/filter/foomatic-rip	foomatic-filters - Foomatic Print Filters	✓		✓
print/mp	MP Print Filter			✓
print/psutils	PostScript utilities	✓		✓
release/name	Solaris Naming Enabler	✓	✓	✓
release/notices	Oracle Solaris notices	✓	✓	✓
release/os-welcome	Oracle Solaris Welcome Pack			✓
release/registration	Solaris Service Tag creation	✓	✓	✓
runtime/java/jre-7	Java Platform Standard Edition Runtime Environment (1.7.0_05-b05)	✓	✓	✓
security/bart	Basic Audit Reporting Tool	✓		✓
security/nss-utilities	Network Security Services Utilities	✓	✓	✓
security/sudo	sudo - tool to allow certain tasks to be run as root by ordinary users	✓	✓	✓

TABLE 2-1 Group Packages, SPARC Based Systems (Continued)

Package Name	Description	solaris- large- server	solaris- small- server	solaris- desktop
security/tcp-wrapper	TCP Wrappers / tcpd	✓	✓	✓
service/diagnostic/spray	spray server	✓		✓
service/file-system/nfs	NFS server	✓	✓	✓
service/gnome/desktop-cache	desktop-cache is a set of SMF services used to update the various GNOME desktop caches.			✓
service/network/comsat	in.comsat command	✓		✓
service/network/dhcp/isc-dhcp	ISC DHCP Server and Relay Agent.	✓		
service/network/dns/bind	BIND DNS Name server and configuration tools.	✓	✓	✓
service/network/dns/mdns	Multicast DNS and Service Discovery	✓		✓
service/network/finger	finger daemon	✓		✓
service/network/ftp	FTP Server and Utilities	✓		✓
service/network/legacy-network-services	Common Network Services: time, daytime, echo, discard, chargen	✓		
service/network/legacy-remote-utilities	Legacy remote network server commands	✓		✓
service/network/load-balancer/ilb	IP layer 3/4 load balancer	✓		✓
service/network/ntp	Network Time Protocol Daemon v4	✓		✓
service/network/slp	Service Location Protocol (SLP) framework	✓		✓
service/network/smtp/sendmail	Sendmail	✓	✓	✓
service/network/ssh	SSH Server	✓	✓	✓
service/network/talk	talk daemon	✓		✓
service/network/telnet	Telnet Server Daemon	✓		✓
service/network/tftp	Trivial File Transfer Server	✓		

TABLE 2-1 Group Packages, SPARC Based Systems (Continued)

Package Name	Description	solaris- large- server	solaris- small- server	solaris- desktop
service/network/wpa	Wireless Networking WPA Supplicant	✓	✓	✓
service/postrun	Delayed execution environment for procedural package scripts			✓
service/security/gss	GSSAPI CONFIG V2	✓	✓	✓
service/security/kerberos-5	Kerberos version 5 support	✓	✓	✓
service/security/key-management/sparc-enterprise	Key Management Modules for Sparc Enterprise	✓		
service/storage/rmt	rmt command	✓		✓
shell/bash	GNU Bourne-Again shell (bash)	✓	✓	✓
shell/expect	expect - Programmed dialogue with other interactive programs	✓		✓
shell/ksh	Korn shell	✓	✓	✓
shell/pipe-viewer	Pipe Viewer	✓		✓
shell/tcsh	Tenex C-shell (tcsh)	✓		✓
shell/which	GNU which	✓		✓
shell/zsh	Z Shell (zsh)	✓		✓
source/security/tcp-wrapper	tcpd - access control facility for internet services (Source)	✓	✓	✓
system/accounting/legacy-accounting	System Accounting	✓		✓
system/boot-environment-utilities	beadm utility	✓	✓	✓
system/boot/grub	GNU GRUB2 - GNU GRand Unified Bootloader	✓	✓	✓
system/boot/wanboot	WAN boot support	✓		
system/core-os	Core Solaris	✓	✓	✓
system/data/terminfo	Terminal Information	✓		✓
system/data/terminfo/terminfo-core	Core Terminal Information	✓	✓	✓

TABLE 2-1 Group Packages, SPARC Based Systems (Continued)

Package Name	Description	solaris- large- server	solaris- small- server	solaris- desktop
system/data/timezone	Timezone Definition	✓	✓	✓
system/device-administration	Kernel driver and module administration	✓	✓	✓
system/display-manager/desktop-startup	Desktop startup scripts in xinitrc.d			✓
system/display-manager/gdm	GNOME display manager			✓
system/domain-configuration/sparc-enterprise	Domain Configuration Server	✓		
system/domain-service-processor-protocol/sparc-enterprise	Domain to Service Processor Communications Protocol	✓		
system/dtrace	DTrace Clients	✓	✓	✓
system/dtrace/dtrace-toolkit	DTraceToolkit 0.99	✓	✓	✓
system/dynamic-reconfiguration	Dynamic Reconfiguration and Hotplug	✓		
system/electronic-prognostics	Electronic Prognostics	✓		✓
system/embedded-fcode-interpreter	Embedded FCode Interpreter Drivers	✓		
system/fault-management	Fault Management Daemon and Utilities	✓	✓	✓
system/fault-management/asr-notify	Auto Service Request Notification for FMA Events	✓	✓	✓
system/fault-management/smtp-notify	Email Notification Daemon for System Events	✓	✓	✓
system/fault-management/snmp-notify	SNMP Notification Daemon for System Events	✓		✓
system/file-system/autofs	AutoFS file system	✓	✓	✓
system/file-system/hsfs	High Sierra/ISO 9660 file system	✓	✓	✓
system/file-system/nfs	NFS client file system	✓	✓	✓
system/file-system/pcfs	FAT (DOS) PC file system	✓	✓	✓
system/file-system/smb	SMB/CIFS client file system			✓
system/file-system/udfs	UDFS file system	✓	✓	✓

TABLE 2-1 Group Packages, SPARC Based Systems (Continued)

Package Name	Description	solaris- large- server	solaris- small- server	solaris- desktop
system/file-system/ufs	UFS file system	✓	✓	✓
system/file-system/zfs	ZFS file system	✓	✓	✓
system/firmware-utilities	Sun Firmware Flash Update Tool (fwflash)	✓	✓	✓
system/font/truetype/arphic-uming	arphic-uming Chinese TrueType font			✓
system/font/truetype/dejavu	DejaVu fonts			✓
system/font/truetype/hanyang-ko-core	HanYang Korean TrueType core fonts			✓
system/font/truetype/ipafont	IPAfont - Japanese TrueType Gothic font			✓
system/font/truetype/liberation	Liberation fonts			✓
system/font/truetype/lohit	Lohit Indic TrueType fonts			✓
system/font/xorg/iso8859-1	X.Org Foundation X11 iso8859-1 bitmap fonts			✓
system/font/xorg/xorg-core	X.Org Foundation X11 core fonts			✓
system/fru-id	FRU ID Utility and Library	✓		✓
system/hal	Hardware Abstraction Layer (HAL) service and API	✓		✓
system/input-method/ibus	IBus - Intelligent Input Bus			✓
system/input-method/ibus/anthy	IBus Japanese IME - anthy			✓
system/input-method/ibus/chewing	IBus Chinese IME - chewing			✓
system/input-method/ibus/hangul	IBus Korean IME - hangul			✓
system/input-method/ibus/ibus-m17n	IBus Multilingual IME - m17n			✓
system/input-method/ibus/sayura	The Sinhala engine for IBus input platform			✓
system/input-method/ibus/sunpinyin	IBus Chinese IME - SunPinyin			✓
system/input-method/ibus/xkbc	IBus Keyboard layout emulation IME - xkbc			✓

TABLE 2-1 Group Packages, SPARC Based Systems (Continued)

Package Name	Description	solaris- large- server	solaris- small- server	solaris- desktop
system/input-method/imf-startup	Input Method Framework startup			✓
system/install/configuration	Core System Configuration Components	✓	✓	✓
system/install/locale	Localization for system install libraries and commands	✓	✓	✓
system/install/tests	Solaris install test utilities	✓		✓
system/io/audio	Core audio drivers			✓
system/io/fc/fc-fabric	fc cfgadm plug-in library	✓	✓	✓
system/io/fc/fc-port	Fibre Channel Transport Layer and Port Driver	✓	✓	✓
system/io/fc/fc-san-management	Fibre Channel SAN Management driver	✓	✓	✓
system/io/fc/fc-scsi	Fibre Channel Protocol Driver	✓	✓	✓
system/io/fc/ip-over-fc	IP/ARP over Fibre Channel Driver	✓	✓	✓
system/io/ieee-1394	Sun IEEE1394 Framework	✓	✓	✓
system/io/infiniband	Sun InfiniBand Framework	✓	✓	✓
system/io/infiniband/ethernet-over-ib	Ethernet over InfiniBand (EoIB) Drivers	✓	✓	
system/io/infiniband/ib-device-mgt-agent	InfiniBand Device Manager Agent	✓	✓	
system/io/infiniband/ib-sockets-direct	Sun InfiniBand layered Sockets Direct Protocol	✓	✓	
system/io/infiniband/ip-over-ib	IPoIB Driver	✓	✓	
system/io/infiniband/open-fabrics	Open Fabrics kernel components	✓	✓	
system/io/infiniband/reliable-datagram-sockets	Reliable Datagram Sockets	✓	✓	
system/io/infiniband/reliable-datagram-sockets-v3	Reliable Datagram Sockets (RDSv3)	✓	✓	
system/io/infiniband/rpc-over-rdma	InfiniBand RPC over RDMA Driver	✓	✓	

TABLE 2-1 Group Packages, SPARC Based Systems (Continued)

Package Name	Description	solaris-large-server	solaris-small-server	solaris-desktop
system/io/infiniband/udapl	UDAPL library and commands	✓	✓	
system/io/ultra-wideband	Ultra Wideband (UWB) support modules	✓	✓	✓
system/io/usb	USB Device Drivers	✓	✓	✓
system/kernel	Core Kernel	✓	✓	✓
system/kernel/cpu-counters	CPU Performance Counter driver	✓	✓	✓
system/kernel/cpu/sun4v	UltraSPARC-T1	✓	✓	✓
system/kernel/io-performance-counters	IO chip performance counter modules	✓	✓	✓
system/kernel/platform	Core Solaris Kernel Architecture	✓	✓	✓
system/kernel/power	Power Management binaries	✓	✓	✓
system/kernel/suspend-resume	Suspend, Resume package	✓	✓	✓
system/keyboard/keyboard-utilities	Keyboard utilities	✓	✓	✓
system/ldoms	Solaris Logical Domains	✓	✓	✓
system/ldoms/ldomsmanager	Logical Domains Manager	✓	✓	
system/library/iconv/utf-8	Iconv modules for UTF-8 locales	✓	✓	✓
system/library/platform	Core Architecture, (Kvm)	✓	✓	✓
system/library/processor	Core Architecture	✓	✓	✓
system/linker	Core linking support	✓	✓	✓
system/locale	language support components	✓	✓	✓
system/locale/support	Language Support cluster			✓
system/management/ilomconfig	ILOM Configuration Utility	✓	✓	✓
system/management/ipmitool	ipmitool - utility for controlling IPMI-enabled devices	✓	✓	✓
system/management/ocm	Oracle Configuration Manager (OCM)	✓	✓	✓

TABLE 2-1 Group Packages, SPARC Based Systems (Continued)

Package Name	Description	solaris- large- server	solaris- small- server	solaris- desktop
system/management/rad	RAD - Remote Administration Daemon	✓	✓	✓
system/management/rad/client/rad-java	rad JMX client	✓	✓	✓
system/management/rad/client/rad-python	rad python client	✓	✓	✓
system/management/rad/module/rad-smf	rad SMF module	✓	✓	✓
system/management/rad/module/rad-usermgr	rad UserMgr module	✓	✓	✓
system/management/snmp/net-snmplib	Net-SNMP Agent files and libraries	✓		✓
system/management/snmp/net-snmplib/addons	Net-SNMP addon libraries	✓		✓
system/management/snmp/net-snmplib/documentation	Net-SNMP Agent manpages and html documentation files	✓		✓
system/management/visual-panels	Visual Panels group package			✓
system/manual	On-Line Manual Pages	✓	✓	✓
system/manual/locale	Localized On-Line Manual Pages	✓	✓	✓
system/network	Core Network Infrastructure	✓	✓	✓
system/network/avahi	Avahi client and bridge to SUNWdsd			✓
system/network/bpf	Berkeley Packet Filter	✓	✓	✓
system/network/nis	Network Information System (NIS)	✓	✓	✓
system/network/ppp	Point-to-Point protocol (PPP) support device drivers, daemon, configuration files, and utilities	✓		✓
system/network/ppp/pppdump	GNU utilities for Point-to-Point Protocol (PPP)	✓		✓
system/network/ppp/tunnel	PPP Tunneling, PPPoE	✓		✓
system/network/routing	Network Routing daemons/commands	✓	✓	✓

TABLE 2-1 Group Packages, SPARC Based Systems (Continued)

Package Name	Description	solaris- large- server	solaris- small- server	solaris- desktop
system/picl	Platform Information and Control Library (PICL) framework	✓	✓	✓
system/prerequisite/gnu	gcmn - Common GNU package	✓	✓	✓
system/resource-mgmt/dynamic-resource-pools	Dynamic Resource Pools	✓	✓	✓
system/resource-mgmt/resource-caps	Solaris Resource Capping Daemon	✓	✓	✓
system/resource-mgmt/resource-pools	Resource Pools	✓	✓	✓
system/scheduler/fss		✓	✓	✓
system/storage/fc-utilities	Fibre Channel Utilities	✓	✓	✓
system/storage/fcoe	FCoE Transport Driver	✓	✓	✓
system/storage/fcoe/fcoe-initiator	FCoE Initiator Driver	✓	✓	✓
system/storage/iscsi/iscsi-initiator	Sun iSCSI Management Utilities	✓	✓	✓
system/storage/iscsi/iscsi-iser	Sun iSCSI Data Mover	✓	✓	✓
system/storage/media-volume-manager	Removable volume manager	✓		✓
system/storage/multipath-utilities	Solaris Multipathing CLI	✓	✓	✓
system/storage/raid-utilities	RAID hardware utility	✓	✓	✓
system/storage/removable-media	Storage media management library	✓		✓
system/storage/sas-utilities	SAS Utilities	✓	✓	✓
system/system-events	System Event Daemon	✓	✓	✓
system/virtual-console	Virtual Consoles	✓	✓	✓
system/xopen/xcu4	XCU4 Utilities	✓		✓
system/xopen/xcu6	XCU6 Utilities	✓		✓
system/zones	Solaris Zones	✓	✓	✓
system/zones/brand/brand-solaris	Solaris Zones: solaris branded zone	✓	✓	✓

TABLE 2-1 Group Packages, SPARC Based Systems (Continued)

Package Name	Description	solaris- large- server	solaris- small- server	solaris- desktop
system/zones/brand/brand-solaris10	Solaris 10 Containers: solaris10 branded zone	✓		✓
terminal/fbconsole	fbconsole - fallback console			✓
terminal/gnome-terminal	GNOME terminal emulator			✓
terminal/luit	luit - Locale and ISO 2022 support for Unicode terminals	✓	✓	✓
terminal/resize	resize - adjust terminal settings to current window size	✓	✓	✓
terminal/screen	GNU Screen	✓		✓
terminal/xterm	xterm - terminal emulator for X			✓
text/doctools	Documentation Tools	✓	✓	✓
text/doctools/ja	Japanese Documentation Tools for manual pages	✓	✓	✓
text/gawk	GNU awk	✓		✓
text/gnu-diffutils	GNU diffutils	✓		✓
text/gnu-grep	GNU grep utilities	✓		✓
text/gnu-patch	The GNU Patch utility	✓		✓
text/gnu-sed	gsed - GNU implementation of sed, the Unix stream editor	✓		✓
text/groff	GNU roff Text Formatting	✓		✓
text/less	pager program similar to more	✓	✓	✓
text/spelling-utilities	Spell checking support	✓	✓	✓
text/texinfo	Documentation system for on-line information and printed output	✓		✓
web/browser/firefox	Mozilla Firefox Web browser			✓
web/browser/firefox/plugin/firefox-java	Java runtime integration - plugin			✓
web/browser/w3m	A text-based web browser			✓

TABLE 2-1 Group Packages, SPARC Based Systems (Continued)

Package Name	Description	solaris- large- server	solaris- small- server	solaris- desktop
web/data/firefox-bookmarks	Firefox's default bookmark			✓
web/wget	wget - GNU wget	✓	✓	✓
x11/colormap-utilities	X Colormap Utilities			✓
x11/data/workspace-patterns	Bitmap patterns for workspace backgrounds			✓
x11/data/xbitmaps	X Window System standard bitmaps			✓
x11/data/xcursor-themes	X.Org default X11 cursor themes			✓
x11/demo	X Window System demo programs			✓
x11/demo/mesa-demos	Mesa sample GLX clients			✓
x11/diagnostic/x11-info-clients	X Window System diagnostic and information display clients			✓
x11/diagnostic/xev	xev - X11 event monitor			✓
x11/diagnostic/xscope	xscope - X Window Protocol Viewer			✓
x11/documentation/xorg-docs	X Window System common documentation			✓
x11/font-utilities	X Window System font utilities			✓
x11/keyboard/data-xkb	X.Org Foundation Xserver keyboard layouts			✓
x11/keyboard/xkb-utilities	X Window System X Keyboard Extension (XKB) Utilities			✓
x11/keyboard/xkbcomp	X Keyboard Extension data compiler			✓
x11/server/xephyr	Xephyr - X server displaying to a window on a pre-existing X display			✓
x11/server/xorg	Xorg - X11R7 X server			✓
x11/server/xorg/driver/xorg-input-keyboard	xf86-input-kbd - Keyboard input driver for the Xorg X server			✓

TABLE 2-1 Group Packages, SPARC Based Systems (Continued)

Package Name	Description	solaris- large- server	solaris- small- server	solaris- desktop
x11/server/xorg/driver/xorg-input-mouse	xf86-input-mouse - Mouse input driver for the Xorg X server			✓
x11/server/xorg/driver/xorg-input-void	xf86-input-void - null input driver for Xorg server			✓
x11/server/xorg/driver/xorg-video	Xorg server video drivers group			✓
x11/server/xvnc	TigerVNC X11/VNC server			✓
x11/session/sessreg	sessreg - X session utmp/wtmp registration			✓
x11/session/smpoxy	smpoxy - X Session Manager Proxy			✓
x11/session/winsysck	winsysck - check which window system protocols are available			✓
x11/session/xauth	xauth - X authority file utility			✓
x11/session/xinit	xinit & startx - X Window System manual session startup			✓
x11/x11-server-utilities	X11 server state utilities			✓
x11/x11-window-dump	X11 Window Dump (screenshot) utilities			✓
x11/xcalc	xcalc - scientific calculator for X			✓
x11/xclipboard	xclipboard & xcutsel tools for clipboard management			✓
x11/xfd	xfd - display all the characters in an X font			✓
x11/xfontsel	xfontsel - point and click selection of X11 font names			✓
x11/xfs	xfs - X Font Server			✓
x11/xfs/xfs-utilities	X Font Server utilities			✓
x11/xkill	xkill - utility to forcibly close X11 clients			✓

TABLE 2-1 Group Packages, SPARC Based Systems (Continued)

Package Name	Description	solaris- large- server	solaris- small- server	solaris- desktop
x11/xlock	xlock - X display screen lock			✓
x11/xmag	xmag - magnify parts of the screen			✓
x11/xvidtune	xvidtune - video mode tuner for Xorg servers			✓

Packages Installed by Group Packages for x86 Based Systems

This chapter lists and describes the packages that are installed by each of the Oracle Solaris 11.1 installation group packages for x86 based systems.

Installation Group Package Content for x86 Based Systems

The following table shows which packages are delivered on x86 based systems by each of the group packages `solaris-large-server`, `solaris-small-server`, and `solaris-desktop`.

The installation group package content information is taken directly from the following `pkg list` outputs:

- `pkg list -as 'pkg contents -r -H -o fmri -t depend -a type=group solaris-large-server'` for the `solaris-large-server` group package.
- `pkg list -as 'pkg contents -r -H -o fmri -t depend -a type=group solaris-small-server'` for the `solaris-small-server` group package.
- `pkg list -as 'pkg contents -r -H -o fmri -t depend -a type=group solaris-desktop'` for the `solaris-desktop` group package.

Refer to the [pkg\(1\)](#) man page for more detail about how to find, install, update, and verify IPS packages.

TABLE 3-1 Group Packages, x86 Based Systems

Package Name	Description	solaris-large-server	solaris-small-server	solaris-desktop
archiver/gnu-tar	GNU version of the tar archiving utility	✓		✓
audio/audio-utilities	Audio Applications			✓

TABLE 3-1 Group Packages, x86 Based Systems (Continued)

Package Name	Description	solaris- large- server	solaris- small- server	solaris- desktop
codec/flac	Free Lossless Audio Codec			✓
codec/libtheora	Theora video compression codec			✓
codec/ogg-vorbis	Ogg bitstream and Vorbis audio codec libraries			✓
codec/speex	Open Source speech codec			✓
communication/im/pidgin	GNOME multi-protocol instant messaging client			✓
compress/bzip2	high-quality block-sorting file compressor - utilities	✓	✓	✓
compress/gzip	GNU Zip (gzip)	✓	✓	✓
compress/p7zip	The p7zip compression and archiving utility	✓	✓	✓
compress/unzip	Info-Zip (unzip)	✓	✓	✓
compress/xz	XZ Utils - loss-less file compression application and library.	✓	✓	✓
compress/zip	Info-Zip (zip)	✓	✓	✓
crypto/gnupg	GNU Privacy Guard			✓
crypto/pwgen	Easy to memorize password generator	✓		✓
desktop/administration/gparted	GNOME Partition Editor			✓
desktop/administration/nwam-manager	Network Auto-Magic User Interface			✓
desktop/archive-manager/file-roller	GNOME archive manager			✓
desktop/calculator/gcalc-tool	GNOME calculator utility			✓
desktop/cd-burning/brasero	Gnome CD/DVD burner			✓
desktop/cd-ripping/sound-juicer	CD ripping tool			✓
desktop/character-map/gucharmap	GNOME character map utility			✓
desktop/compiz	OpenGL compositing window manager			✓

TABLE 3-1 Group Packages, x86 Based Systems (Continued)

Package Name	Description	solaris-large-server	solaris-small-server	solaris-desktop
desktop/compiz/ccsm	ccsm settings manager for the CompizConfig system			✓
desktop/compiz/library/compizconfig-gconf	gconf backend for CompizConfig			✓
desktop/compiz/plugin/compiz-fusion-extra	extra effects plugins for compiz			✓
desktop/compiz/plugin/compiz-fusion-main	main effects plugins for compiz			✓
desktop/gksu	Gksu CLI and libraries			✓
desktop/pdf-viewer/evince	GNOME PDF document viewer			✓
desktop/remote-desktop/tigervnc	TigerVNC client			✓
desktop/system-monitor/gnome-system-monitor	GNOME system monitor			✓
desktop/time-slider	Time Slider ZFS snapshot management for GNOME			✓
desktop/window-manager/twm	twm - Tab Window Manager for the X Window System			✓
desktop/xdg/menu-editor/alacarte	Simple menu editor for GNOME			✓
desktop/xdg/xdg-user-dirs-gtk	GTK Frontend for handling user directories			✓
desktop/xdg/xdg-utils	The Portland Project's desktop integration tools			✓
desktop/xscreensaver	XScreenSaver - Screen Saver/Locker for the X Window System			✓
developer/build/gnu-make	A utility for directing compilation.	✓		✓
developer/build/make	A utility for managing compilations.	✓		✓
developer/debug/mdb	Modular Debugger	✓	✓	✓
developer/gnome/gnome-doc-utils	GNOME documentation utilities			✓
diagnostic/acpidump	acpidump - utilities used to display ACPI tables	✓	✓	✓
diagnostic/cpu-counters	CPU Performance Counter libraries and utilities	✓	✓	✓

TABLE 3-1 Group Packages, x86 Based Systems (Continued)

Package Name	Description	solaris- large- server	solaris- small- server	solaris- desktop
diagnostic/ddu	DDU GUI			✓
diagnostic/ddu/text	DDU Text	✓		✓
diagnostic/latencytop	LatencyTOP resource contention diagnostic tool	✓	✓	✓
diagnostic/powertop	PowerTOP system power management observability tool	✓	✓	✓
diagnostic/scanpci	scanpci and libpciaccess - generic PCI access software	✓	✓	✓
diagnostic/snoop	snoop command	✓	✓	✓
diagnostic/spray	spray client	✓		✓
diagnostic/tcpdump	network traffic sniffer	✓	✓	✓
diagnostic/top	provides a rolling display of top cpu using processes	✓		✓
diagnostic/xload	xload - system load average display for X			✓
documentation/gnome/gnome-user-docs	GNOME user documentation			✓
driver/audio/audio-usb	USB audio drivers			✓
driver/audio/audio810	Intel(R) ICH, NVIDIA nForce, AMD-8111 audio driver			✓
driver/audio/audiocmi	C-Media 8738 Family audio driver			✓
driver/audio/audioemu10k	Creative EMU10K audio driver			✓
driver/audio/audiohd	Intel(R) High Definition audio driver			✓
driver/audio/audioixp	ATI IXP audio driver			✓
driver/audio/audiols	Creative Audigy LS audio driver			✓
driver/audio/audiop16x	Creative P16X audio driver			✓
driver/audio/audiosolo	ESS Solo-1 audio driver			✓
driver/audio/audiovia823x	VIA VT823x audio driver			✓
driver/crypto/dca	DCA Crypto Accelerator	✓	✓	✓

TABLE 3-1 Group Packages, x86 Based Systems (Continued)

Package Name	Description	solaris- large- server	solaris- small- server	solaris- desktop
driver/crypto/tpm	Trusted Platform Module driver	✓	✓	✓
driver/fc/emlxs	Emulex LightPulse Fibre Channel and OneConnect Converged Network Driver (emlxs, oce)	✓	✓	✓
driver/fc/qlc	QLogic ISP Fibre Channel Device Storage and NIC Driver	✓	✓	✓
driver/graphics/agpgart	AGP GART Driver			✓
driver/graphics/atiatom	ATI Framebuffer Drivers			✓
driver/graphics/drm	DRM Kernel Drivers			✓
driver/graphics/nvidia	NVIDIA Graphics System Software			✓
driver/graphics/usbvc	USB Video Class Driver			✓
driver/ieee-1394/av1394	IEEE1394 AV Driver			✓
driver/ieee-1394/dcam1394	IEEE1394 Video Conferencing Class Driver			✓
driver/infiniband/connectx	Mellanox ConnectX Family InfiniBand HCA and 10GbE NIC Drivers	✓	✓	
driver/management/bmc	IPMI Baseboard Management Controller	✓	✓	✓
driver/management/ipmi	OpenIPMI compliant Baseboard Management Controller	✓	✓	✓
driver/network/ethernet/afe	Infineon (ADMtek) NIC Driver	✓	✓	✓
driver/network/ethernet/amd8111s	AMD AMD-8111 100Mb NIC Driver	✓	✓	✓
driver/network/ethernet/atge	Atheros (Attansic) L1E NIC driver	✓	✓	✓
driver/network/ethernet/bfe	Broadcom BCM4401 NIC Driver	✓	✓	✓
driver/network/ethernet/bge	Broadcom 57xx 1GbE NIC Driver	✓	✓	✓
driver/network/ethernet/bnx	Broadcom NetXtreme II 1GbE NIC Driver	✓	✓	✓

TABLE 3-1 Group Packages, x86 Based Systems (Continued)

Package Name	Description	solaris- large- server	solaris- small- server	solaris- desktop
driver/network/ethernet/bnx2	Broadcom NetXtreme II 10GbE NIC Driver	✓	✓	✓
driver/network/ethernet/chxge	Chelsio N110 10GbE NIC Driver	✓	✓	✓
driver/network/ethernet/cxge	Chelsio Terminator 3 10GbE NIC Driver	✓	✓	✓
driver/network/ethernet/dmfe	Davicom DM9102A NIC Driver	✓	✓	✓
driver/network/ethernet/dnet	DEC 21xxx NIC driver	✓	✓	✓
driver/network/ethernet/e1000g	Intel(R) PRO/1000 NIC Driver	✓	✓	✓
driver/network/ethernet/elxl	3Com Etherlink XL NIC Driver	✓	✓	✓
driver/network/ethernet/hme	SunSwift Adapter Drivers (fas, hme)	✓	✓	✓
driver/network/ethernet/hxge	Sun Blade 6000 10 GbE NIC Driver	✓	✓	✓
driver/network/ethernet/igb	Intel(R) 82575/82576 1GbE NIC Driver	✓	✓	✓
driver/network/ethernet/iprb	Intel Pro/100 family NIC driver	✓	✓	✓
driver/network/ethernet/ixgb	Intel(R) PRO/10GbE Server NIC Driver	✓	✓	✓
driver/network/ethernet/ixgbe	Intel(R) 82598 10GbE NIC Driver	✓	✓	✓
driver/network/ethernet/mxfe	Macronix NIC Driver	✓	✓	✓
driver/network/ethernet/myri10ge	Myricom 10GbE NIC Driver	✓	✓	✓
driver/network/ethernet/nge	NVIDIA Gigabit NIC driver	✓	✓	✓
driver/network/ethernet/ntxn	NetXen 10/1 GbE NIC Driver	✓	✓	✓
driver/network/ethernet/nxge	Sun NIU Gigabit NIC driver	✓	✓	✓
driver/network/ethernet/pcn	AMD Lance PCnet NIC driver	✓	✓	✓
driver/network/ethernet/qlcnic	QLogic P3+ 10GbE NIC Driver	✓	✓	✓
driver/network/ethernet/rge	Realtek 8169 Ethernet Driver	✓	✓	✓
driver/network/ethernet/rtls	Realtek RTL-8139 Ethernet Driver	✓	✓	✓
driver/network/ethernet/sfe	SiS SiS900 NIC Driver	✓	✓	✓

TABLE 3-1 Group Packages, x86 Based Systems (Continued)

Package Name	Description	solaris- large- server	solaris- small- server	solaris- desktop
driver/network/ethernet/sxge	Sun Blade 6000 40/10 GbE NIC Driver	✓	✓	✓
driver/network/ethernet/usbecm	CDC ECM USB-to-Ethernet NIC driver	✓	✓	✓
driver/network/ethernet/vr	VIA Rhine NIC driver	✓	✓	✓
driver/network/ethernet/vxge	Neterion X3100 10GbE NIC Driver	✓	✓	✓
driver/network/ethernet/xge	Neterion Xframe 10GbE NIC Driver	✓	✓	✓
driver/network/ethernet/yge	Marvell Yukon-2 Gigabit NIC Driver	✓	✓	✓
driver/network/wlan/arn	Atheros AR928X Wireless NIC driver	✓	✓	✓
driver/network/wlan/ath	Atheros AR521X Wireless NIC Driver	✓	✓	✓
driver/network/wlan/atu	Atmel AT76C50x USB Wireless NIC Driver	✓	✓	✓
driver/network/wlan/ipw	Intel(R) PRO/Wireless 2100B Wireless NIC Driver	✓	✓	✓
driver/network/wlan/iwh	Intel(R) WiFi Link 5100/5300 Wireless NIC Driver	✓	✓	✓
driver/network/wlan/iwi	Intel(R) PRO/Wireless 2200BG/2915ABG Wireless NIC Driver	✓	✓	✓
driver/network/wlan/iwk	Intel(R) WiFi Link 4965AGN Wireless NIC Driver	✓	✓	✓
driver/network/wlan/iwp	Intel(R) WiFi Link 6000 series Wireless NIC driver	✓	✓	✓
driver/network/wlan/mwl	Marvell 88W8363 Wireless NIC Driver	✓	✓	✓
driver/network/wlan/pcan	Cisco Aironet Wireless NIC Driver	✓	✓	✓
driver/network/wlan/pcwl	Lucent and PRISM-II Wireless NIC driver	✓	✓	✓

TABLE 3-1 Group Packages, x86 Based Systems (Continued)

Package Name	Description	solaris- large- server	solaris- small- server	solaris- desktop
driver/network/wlan/ral	Ralink RT2500 Wireless NIC Driver	✓	✓	✓
driver/network/wlan/rtw	Realtek 8180L Wireless NIC Driver	✓	✓	✓
driver/network/wlan/rum	Ralink RT2501/RT2601/RT73USB Wireless NIC Driver	✓	✓	✓
driver/network/wlan/rwd	Ralink RT2561/RT2561S/RT2661 Wireless NIC Driver	✓	✓	✓
driver/network/wlan/rwn	Ralink RT2700/2800 Wireless NIC Driver	✓	✓	✓
driver/network/wlan/uath	Atheros AR5523 USB Wireless NIC Driver	✓	✓	✓
driver/network/wlan/ural	Ralink RT2500USB USB Wireless NIC Driver	✓	✓	✓
driver/network/wlan/urtw	Realtek RTL8187L/B USB Wireless NIC Driver	✓	✓	✓
driver/network/wlan/wpi	Intel(R) PRO/Wireless 3945ABG driver	✓	✓	✓
driver/network/wlan/zyd	ZyDAS ZD1211/B USB Wireless NIC Driver	✓	✓	✓
driver/parallel/ecpp	Parallel Port Driver	✓	✓	✓
driver/pcmcia	PCMCIA Card Services	✓	✓	✓
driver/serial/asy	i386 serial port driver	✓	✓	✓
driver/serial/pcser	PCMCIA serial card driver	✓	✓	✓
driver/serial/usbftdi	FT232R USB UART	✓	✓	✓
driver/serial/usbsacm	CDC ACM USB-to-serial driver	✓	✓	✓
driver/serial/usbser	USB generic serial module	✓	✓	✓
driver/serial/usbser_edge	USB Digi Edgeport serial driver	✓	✓	✓
driver/serial/usbsksp	USB Keyspan serial driver	✓	✓	✓
driver/serial/usbsksp/usbs49_fw	USA49WLC firmware for USB Keyspan serial driver	✓	✓	✓

TABLE 3-1 Group Packages, x86 Based Systems (Continued)

Package Name	Description	solaris- large- server	solaris- small- server	solaris- desktop
driver/serial/usbsprl	Prolific PL2303 USB-to-serial driver	✓	✓	✓
driver/storage/aac	Adaptec AdvanceRaid Controller SCSI HBA Driver	✓	✓	✓
driver/storage/adpu320	Adaptec Ultra320 Driver	✓	✓	✓
driver/storage/ahci	Advanced Host Controller Interface (AHCI) SATA HBA Driver	✓	✓	✓
driver/storage/arcmsr	Areca SAS/SATA RAID driver	✓	✓	✓
driver/storage/ata	Platform Support, ISA Bus Device Drivers	✓	✓	✓
driver/storage/bcm_sata	BroadCom ht1000 sata driver	✓	✓	✓
driver/storage/blkdev	Generic Block Driver	✓	✓	✓
driver/storage/cmdk	Common interface to ATA disk devices	✓	✓	✓
driver/storage/cpqary3	HP Smart Array HBA Driver 2.4.4.1	✓	✓	✓
driver/storage/glm	LSI 53C family host bus adapter driver	✓	✓	✓
driver/storage/imraid_sas	LSI MegaRAID FALCON SAS2.0 HBA Driver	✓	✓	✓
driver/storage/lsc	LSI MPT SAS 3.0 Controller HBA Driver	✓	✓	✓
driver/storage/marvell88sx	Marvell 88sx sata driver	✓	✓	✓
driver/storage/mega_sas	LSI MegaSAS RAID Controller HBA Driver	✓	✓	✓
driver/storage/mpt	LSI 53C1030/SAS1064/SAS1068/Dell SAS6i/R HBA driver	✓	✓	✓
driver/storage/mpt_sas	LSI MPT SAS 2.0 Controller HBA Driver	✓	✓	✓
driver/storage/mr_sas	LSI MegaRAID SAS2.0 HBA Driver	✓	✓	✓X

TABLE 3-1 Group Packages, x86 Based Systems (Continued)

Package Name	Description	solaris- large- server	solaris- small- server	solaris- desktop
driver/storage/nv_sata	NVIDIA ck804 pro / mcp55 pro combo SATA driver	✓	✓	✓
driver/storage/pcata	PCMCIA ATA card driver	✓	✓	✓
driver/storage/pmcs	PMC-Sierra SAS-2 HBA driver	✓	✓	✓
driver/storage/sbp2	Serial Bus Protocol 2 module	✓	✓	✓
driver/storage/scsa1394	IEEE 1394 mass storage driver	✓	✓	✓
driver/storage/scu	Intel SCU SAS/SATA HBA driver	✓	✓	✓
driver/storage/sdcard	SD/MMC Drivers	✓	✓	✓
driver/storage/ses	SCSI Enclosure Services Device Driver	✓	✓	✓
driver/storage/si3124	SiliconImage 3124 sata driver	✓	✓	✓
driver/storage/smp	Target Driver for Serial SCSI Management Protocol (SMP) Compliant Devices	✓	✓	✓
driver/x11/winlock	X Windows System Window Drivers			✓
driver/x11/xsvc	Sun Xserver pseudo driver			✓
driver/xvm/pv	xVM Paravirtualized Drivers	✓	✓	✓
editor/gedit	GNOME text editor			✓
editor/gedit/gedit-plugins	A collection of plugins for gedit			✓
editor/gvim	Vi Improved (GUI)			✓
editor/nano	A small text editor	✓		
editor/vim/vim-core	Vi Improved (core executables)	✓	✓	✓
file/filesync	filesync command	✓		✓
file/gnu-coreutils	GNU Core Utilities	✓		✓
file/gnu-findutils	GNU utilities find and xargs	✓		✓
file/slocate	Finds files on a system via a central database	✓		✓
gnome/accessibility/orca	Orca screen reader/magnifier			✓

TABLE 3-1 Group Packages, x86 Based Systems (Continued)

Package Name	Description	solaris- large- server	solaris- small- server	solaris- desktop
gnome/applet/gnome-applets	GNOME panel applets			✓
gnome/applet/gnome-fun-applets	GNOME panel applets - amusements			✓
gnome/applet/gnome-internet-applets	GNOME panel applets - internet			✓
gnome/applet/gnome-intranet-applets	GNOME panel applets - intranet			✓
gnome/applet/gnome-mm-applets	GNOME panel applets - multimedia			✓
gnome/applet/gnome-utility-applets	GNOME panel applets - multimedia			✓
gnome/disk-analyzer/baobab	GNOME disk usage analyzer			✓
gnome/file-manager/nautilus	GNOME file manager			✓
gnome/ggv	GNOME PostScript document viewer (Obsolete)			✓
gnome/gnome-audio	GNOME audio support framework			✓
gnome/gnome-camera	GNOME digital camera tool			✓
gnome/gnome-dictionary	GNOME dictionary tool			✓
gnome/gnome-keyring	GNOME keyring libraries			✓
gnome/gnome-log-viewer	GNOME log viewer			✓
gnome/gnome-panel	GNOME panel and support libraries			✓
gnome/gnome-power-manager	GNOME Power Manager utilities for desktop users			✓
gnome/gnome-remote-desktop	GNOME remote desktop			✓
gnome/gnome-screenshot	GNOME screenshot tool			✓
gnome/gnome-search-tool	GNOME file search tool			✓
gnome/gnome-session	GNOME session manager			✓
gnome/help-viewer/yelp	GNOME help system			✓
gnome/media/gnome-media	GNOME media components			✓
gnome/media/gnome-media-player	GNOME media player			✓

TABLE 3-1 Group Packages, x86 Based Systems (Continued)

Package Name	Description	solaris- large- server	solaris- small- server	solaris- desktop
gnome/preferences/control-center	GNOME desktop wide preference configuration tools			✓
gnome/speech/gnome-speech	GNOME text-to-speech engine			✓
gnome/speech/gnome-speech/driver/gnome-speech-espeak	GNOME text-to-speech engine - eSpeak Synthesis Driver			✓
gnome/theme/background/os-backgrounds	Selection of OpenSolaris backgrounds for the GNOME desktop			✓
gnome/theme/background/os-backgrounds-extra	Selection of OpenSolaris backgrounds for the GNOME desktop - extra backgrounds			✓
gnome/theme/gnome-icon-theme	GNOME Icon Themes			✓
gnome/theme/gnome-themes	Gnome themes			✓
gnome/theme/gtk2-engines	Engines for GTK2 Themes			✓
gnome/theme/hicolor-icon-theme	GNOME Hi Color Icon Theme			✓
gnome/theme/nimbus	Engine for Sun Nimbus GTK2 Theme			✓
gnome/theme/nimbus-hires	GNOME themes - high resolution icons			✓
gnome/theme/sound/xdg-sound-theme	XDG FreeDesktop Sound Theme			✓
gnome/theme/tango-icon-theme	Tango icon theme			✓
gnome/window-manager/metacity	GNOME window manager			✓
gnome/zenity	GNOME graphical dialog box generator			✓
image/dcraw	dcraw - Decoding RAW digital photos			✓
image/imagemagick	ImageMagick - Image Manipulation Utilities and Libraries			✓
image/viewer/eog	GNOME image viewer			✓
install/installadm	installadm utility	✓		
install/js2ai	JumpStart to AI utility	✓		

TABLE 3-1 Group Packages, x86 Based Systems (Continued)

Package Name	Description	solaris- large- server	solaris- small- server	solaris- desktop
library/accessibility/brltty	Braille support			✓
library/demo/audio-samples	Audio Sample Sound Files			✓
library/desktop/gtk2/gtk-backend-cups	GTK+ - GIMP toolkit libraries - CUPS Print Backend			✓
library/desktop/search/tracker	Desktop search tool			✓
library/gnome/gnome-keyring	GNOME keyring libraries			✓
library/gnome/gvfs	GNOME virtual file system framework			✓
library/libproxy/libproxy-gnome	Plugin of libproxy to get proxy infomation set by GConf			✓
library/myspell/dictionary/de	Myspell and Hunspell spell dictionary files for German			✓
library/myspell/dictionary/en	Myspell and Hunspell spell dictionary files for English			✓
library/myspell/dictionary/es	Myspell and Hunspell spell dictionary files for Spanish			✓
library/myspell/dictionary/fr	Myspell and Hunspell spell dictionary files for French			✓
library/myspell/dictionary/it	Myspell and Hunspell spell dictionary files for Italian			✓
library/myspell/dictionary/pt_br	Myspell and Hunspell spell dictionary files for Portuguese Brazilian			✓
library/python-2/coherence-26	DLNA/UPnP framework for the digital living			✓
mail/thunderbird	Mozilla Thunderbird Email/Newsgroup Client			✓
mail/thunderbird/plugin/thunderbird-lightning	Mozilla Thunderbird Email/Newsgroup Client - Calendar			✓
media/cdrtools	CD/DVD/BluRay command line recording software	✓	✓	✓

TABLE 3-1 Group Packages, x86 Based Systems (Continued)

Package Name	Description	solaris- large- server	solaris- small- server	solaris- desktop
media/cdrw	utility for writing to CD-R/RW and DVD{+-}R/RW disks	✓		✓
media/dvd+rw-tools	Toolchain to master DVD+RW/+R media	✓		✓
media/xorriso	GNU xorriso	✓	✓	✓
naming/ldap	LDAP Utilities	✓	✓	✓
network/dns/bind	BIND DNS tools	✓	✓	✓
network/finger	finger command	✓		✓
network/ftp	ftp command	✓		✓
network/ftp/ncftp	NcFTP - client application implementing FTP	✓		✓
network/ipfilter	Solaris IP Filter	✓	✓	✓
network/legacy-remote-utilities	Legacy remote network client commands	✓		✓
network/netcat	Netcat Command	✓		✓
network/open-fabrics	Oracle Solaris OpenFabrics userland libraries and applications	✓	✓	
network/ping	ping command	✓	✓	✓
network/rsync	rsync - faster, flexible replacement for rcp	✓	✓	✓
network/ssh	SSH Client and utilities	✓	✓	✓
network/ssh/ssh-key	SSH Common	✓	✓	✓
network/talk	talk client command	✓		✓
network/telnet	Telnet Command (client)	✓		✓
network/whois	whois command	✓		✓
package/pkg	Image Packaging System	✓	✓	✓
package/pkg/package-manager	GUI for Image Packaging System			✓
package/pkg/update-manager	Update Manager for Image Packaging System			✓

TABLE 3-1 Group Packages, x86 Based Systems (Continued)

Package Name	Description	solaris- large- server	solaris- small- server	solaris- desktop
package/rpm	Utilities for processing RPM archives	✓		✓
package/svr4	SVr4 packaging commands	✓		✓
print/cups	Common Unix Print System	✓		✓
print/cups/filter/foomatic-db	Foomatic database of PostScript Printer Definition files	✓		✓
print/cups/filter/foomatic-db-engine	Foomatic Database Engine	✓		✓
print/cups/hal-cups-utils	Automatic queue creation for CUPS	✓		✓
print/cups/system-config-printer	Print Manager for CUPS			✓
print/filter/a2ps	GNU a2ps - 'Anything to PostScript' converter and pretty printer	✓		✓
print/filter/ghostscript	GPL Ghostscript			✓
print/filter/ghostscript/fonts/gnu-gs-fonts-other	GNU Ghostscript Fonts (Other)			✓
print/filter/ghostscript/fonts/gnu-gs-fonts-std	GNU Ghostscript Fonts (Standard)			✓
print/filter/hplip	hpjjs - HP InkJet Server	✓		✓
print/lp/filter/foomatic-rip	foomatic-filters - Foomatic Print Filters	✓		✓
print/mp	MP Print Filter			✓
print/psutils	PostScript utilities	✓		✓
release/name	Solaris Naming Enabler	✓	✓	✓
release/notices	Oracle Solaris notices	✓	✓	✓
release/registration	Solaris Service Tag creation	✓	✓	✓
runtime/java/jre-7	Java Platform Standard Edition Runtime Environment (1.7.0_05-b05)	✓	✓	✓
security/bart	Basic Audit Reporting Tool	✓		✓
security/nss-utilities	Network Security Services Utilities	✓	✓	✓

TABLE 3-1 Group Packages, x86 Based Systems (Continued)

Package Name	Description	solaris- large- server	solaris- small- server	solaris- desktop
security/sudo	sudo - tool to allow certain tasks to be run as root by ordinary users	✓	✓	✓
security/tcp-wrapper	TCP Wrappers / tcpd	✓	✓	✓
service/agnostic/spray	spray server	✓		✓
service/file-system/nfs	NFS server	✓	✓	✓
service/gnome/desktop-cache	desktop-cache is a set of SMF services used to update the various GNOME desktop caches.			✓
service/network/comsat	in.comsat command	✓		✓
service/network/dhcp/isc-dhcp	ISC DHCP Server and Relay Agent.	✓		
service/network/dns/bind	BIND DNS Name server and configuration tools.	✓	✓	✓
service/network/dns/mdns	Multicast DNS and Service Discovery	✓		✓
service/network/finger	finger daemon	✓		✓
service/network/ftp	FTP Server and Utilities	✓		✓
service/network/legacy-network-services	Common Network Services: time, daytime, echo, discard, chargen	✓		
service/network/legacy-remote-utilities	Legacy remote network server commands	✓		✓
service/network/load-balancer/ilb	IP layer 3/4 load balancer	✓		✓
service/network/ntp	Network Time Protocol Daemon v4	✓		✓
service/network/slp	Service Location Protocol (SLP) framework	✓		✓
service/network/smtp/sendmail	Sendmail	✓	✓	✓
service/network/ssh	SSH Server	✓	✓	✓
service/network/talk	talk daemon	✓		✓
service/network/telnet	Telnet Server Daemon	✓		✓
service/network/tftp	Trivial File Transfer Server	✓		

TABLE 3-1 Group Packages, x86 Based Systems (Continued)

Package Name	Description	solaris- large- server	solaris- small- server	solaris- desktop
service/network/wpa	Wireless Networking WPA Supplicant	✓	✓	✓
service/postrun	Delayed execution environment for procedural package scripts			✓
service/security/gss	GSSAPI CONFIG V2	✓	✓	✓
service/security/kerberos-5	Kerberos version 5 support	✓	✓	✓
service/storage/rmt	rmt command	✓		✓
shell/bash	GNU Bourne-Again shell (bash)	✓	✓	✓
shell/expect	expect - Programmed dialogue with other interactive programs	✓		✓
shell/ksh	Korn shell	✓	✓	✓
shell/pipe-viewer	Pipe Viewer	✓		✓
shell/tcsh	Tenex C-shell (tcsh)	✓		✓
shell/which	GNU which	✓		✓
shell/zsh	Z Shell (zsh)	✓		✓
source/security/tcp-wrapper	tcpd - access control facility for internet services (Source)	✓	✓	✓
system/accounting/legacy-accounting	System Accounting	✓		✓
system/boot-environment-utilities	beadm utility	✓	✓	✓
system/boot/grub	GNU GRUB2 - GNU GRand Unified Bootloader	✓	✓	✓
system/boot/wanboot	WAN boot support	✓		
system/core-os	Core Solaris	✓	✓	✓
system/data/terminfo	Terminal Information	✓		✓
system/data/terminfo/terminfo-core	Core Terminal Information	✓	✓	✓
system/data/timezone	Timezone Definition	✓	✓	✓
system/device-administration	Kernel driver and module administration	✓	✓	✓
system/display-manager/desktop-startup	Desktop startup scripts in xinitrc.d			✓

TABLE 3-1 Group Packages, x86 Based Systems (Continued)

Package Name	Description	solaris- large- server	solaris- small- server	solaris- desktop
system/display-manager/gdm	GNOME display manager			✓
system/dtrace	DTrace Clients	✓	✓	✓
system/dtrace/dtrace-toolkit	DTraceToolkit 0.99	✓	✓	✓
system/dynamic-reconfiguration	Dynamic Reconfiguration and Hotplug	✓		
system/fault-management	Fault Management Daemon and Utilities	✓	✓	✓
system/fault-management/asr-notify	Auto Service Request Notification for FMA Events	✓	✓	✓
system/fault-management/smtp-notify	Email Notification Daemon for System Events	✓	✓	✓
system/fault-management/snmp-notify	SNMP Notification Daemon for System Events	✓		✓
system/file-system/autofs	AutoFS file system	✓	✓	✓
system/file-system/hsfs	High Sierra/ISO 9660 file system	✓	✓	✓
system/file-system/nfs	NFS client file system	✓	✓	✓
system/file-system/pcfs	FAT (DOS) PC file system	✓	✓	✓
system/file-system/smb	SMB/CIFS client file system			✓
system/file-system/udfs	UDFS file system	✓	✓	✓
system/file-system/ufs	UFS file system	✓	✓	✓
system/file-system/zfs	ZFS file system	✓	✓	✓
system/firmware-utilities	Sun Firmware Flash Update Tool (fwflash)	✓	✓	✓
system/font/truetype/arphic-uming	arphic-uming Chinese TrueType font			✓
system/font/truetype/dejavu	DejaVu fonts			✓
system/font/truetype/hanyang-ko-core	HanYang Korean TrueType core fonts			✓
system/font/truetype/ipafont	IPAfont - Japanese TrueType Gothic font			✓

TABLE 3-1 Group Packages, x86 Based Systems (Continued)

Package Name	Description	solaris- large- server	solaris- small- server	solaris- desktop
system/font/truetype/liberation	Liberation fonts			✓
system/font/truetype/lohit	Lohit Indic TrueType fonts			✓
system/font/xorg/iso8859-1	X.Org Foundation X11 iso8859-1 bitmap fonts			✓
system/font/xorg/xorg-core	X.Org Foundation X11 core fonts			✓
system/fru-id	FRU ID Utility and Library	✓		✓
system/hal	Hardware Abstraction Layer (HAL) service and API	✓		✓
system/input-method/ibus	IBus - Intelligent Input Bus			✓
system/input-method/ibus/anthy	IBus Japanese IME - anthy			✓
system/input-method/ibus/chewing	IBus Chinese IME - chewing			✓
system/input-method/ibus/hangul	IBus Korean IME - hangul			✓
system/input-method/ibus/ibus-m17n	IBus Multilingual IME - m17n			✓
system/input-method/ibus/sayura	The Sinhala engine for IBus input platform			✓
system/input-method/ibus/sunpinyin	IBus Chinese IME - SunPinyin			✓
system/input-method/ibus/xkbc	IBus Keyboard layout emulation IME - xkbc			✓
system/input-method/imf-startup	Input Method Framework startup			✓
system/install/configuration	Core System Configuration Components	✓	✓	✓
system/install/locale	Localization for system install libraries and commands	✓	✓	✓
system/install/tests	Solaris install test utilities	✓		✓
system/io/audio	Core audio drivers			✓
system/io/fc/fc-fabric	fp cfgadm plug-in library	✓	✓	✓
system/io/fc/fc-port	Fibre Channel Transport Layer and Port Driver	✓	✓	✓
system/io/fc/fc-san-management	Fibre Channel SAN Management driver	✓	✓	✓

TABLE 3-1 Group Packages, x86 Based Systems (Continued)

Package Name	Description	solaris- large- server	solaris- small- server	solaris- desktop
system/io/fc/fc-scsi	Fibre Channel Protocol Driver	✓	✓	✓
system/io/fc/ip-over-fc	IP/ARP over Fibre Channel Driver	✓	✓	✓
system/io/ieee-1394	Sun IEEE1394 Framework	✓	✓	✓
system/io/infiniband	Sun InfiniBand Framework	✓	✓	✓
system/io/infiniband/ethernet-over-ib	Ethernet over InfiniBand (EoIB) Drivers	✓	✓	
system/io/infiniband/ib-device-mgt-agent	InfiniBand Device Manager Agent	✓	✓	
system/io/infiniband/ib-sockets-direct	Sun InfiniBand layered Sockets Direct Protocol	✓	✓	
system/io/infiniband/ip-over-ib	IPoIB Driver	✓	✓	
system/io/infiniband/open-fabrics	Open Fabrics kernel components	✓	✓	
system/io/infiniband/reliable-datagram-sockets	Reliable Datagram Sockets	✓	✓	
system/io/infiniband/reliable-datagram-sockets-v3	Reliable Datagram Sockets (RDSv3)	✓	✓	
system/io/infiniband/rpc-over-rdma	InfiniBand RPC over RDMA Driver	✓	✓	
system/io/infiniband/udapl	UDAPL library and commands	✓	✓	
system/io/ultra-wideband	Ultra Wideband (UWB) support modules	✓	✓	✓
system/io/usb	USB Device Drivers	✓	✓	✓
system/kernel	Core Kernel	✓	✓	✓
system/kernel/cpu-counters	CPU Performance Counter driver	✓	✓	✓
system/kernel/dynamic-reconfiguration/i86pc	Dynamic Reconfiguration Modules for i86pc	✓		
system/kernel/i86pc/fipe	Intel 5000/7300 memory power management driver	✓	✓	✓
system/kernel/i86pc/ioat	Sun dcopy DMA drivers	✓	✓	✓
system/kernel/platform	Core Solaris Kernel Architecture	✓	✓	✓

TABLE 3-1 Group Packages, x86 Based Systems (Continued)

Package Name	Description	solaris- large- server	solaris- small- server	solaris- desktop
system/kernel/power	Power Management binaries	✓	✓	✓
system/kernel/suspend-resume	Suspend, Resume package	✓	✓	✓
system/keyboard/keyboard-utilities	Keyboard utilities	✓	✓	✓
system/library/iconv/utf-8	Iconv modules for UTF-8 locales	✓	✓	✓
system/library/platform	Core Architecture, (Kvm)	✓	✓	✓
system/library/processor	Core Architecture	✓	✓	✓
system/linker	Core linking support	✓	✓	✓
system/locale	language support components	✓	✓	✓
system/locale/support	Language Support cluster			✓
system/management/ilonconfig	ILOM Configuration Utility	✓	✓	✓
system/management/intel-amt	Intel(R) Active Management Technology (AMT) support	✓	✓	✓
system/management/ipmitool	ipmitool - utility for controlling IPMI-enabled devices	✓	✓	✓
system/management/ocm	Oracle Configuration Manager (OCM)	✓	✓	✓
system/management/rad	RAD - Remote Administration Daemon	✓	✓	✓
system/management/rad/client/rad-java	rad JMX client	✓	✓	✓
system/management/rad/client/rad-python	rad python client	✓	✓	✓
system/management/rad/module/rad-smf	rad SMF module	✓	✓	✓
system/management/rad/module/rad-usermgr	rad UserMgr module	✓	✓	✓
system/management/snmp/net-snmp	Net-SNMP Agent files and libraries	✓		✓
system/management/snmp/net-snmp/addons	Net-SNMP addon libraries	✓		✓
system/management/snmp/net-snmp/documentation	Net-SNMP Agent manpages and html documentation files	✓		✓
system/management/visual-panels	Visual Panels group package			✓
system/manual	On-Line Manual Pages	✓	✓	✓

TABLE 3-1 Group Packages, x86 Based Systems (Continued)

Package Name	Description	solaris- large- server	solaris- small- server	solaris- desktop
system/manual/locale	Localized On-Line Manual Pages	✓	✓	✓
system/network	Core Network Infrastructure	✓	✓	✓
system/network/avahi	Avahi client and bridge to SUNWdsd			✓
system/network/bpf	Berkeley Packet Filter	✓	✓	✓
system/network/nis	Network Information System (NIS)	✓	✓	✓
system/network/ppp	Point-to-Point protocol (PPP) support device drivers, daemon, configuration files, and utilities	✓		✓
system/network/ppp/pppdump	GNU utilities for Point-to-Point Protocol (PPP)	✓		✓
system/network/ppp/tunnel	PPP Tunneling, PPPoE	✓		✓
system/network/routing	Network Routing daemons/commands	✓	✓	✓
system/picl	Platform Information and Control Library (PICL) framework	✓	✓	✓
system/prerequisite/gnu	gcmn - Common GNU package	✓	✓	✓
system/resource-mgmt/dynamic-resource-pools	Dynamic Resource Pools	✓	✓	✓
system/resource-mgmt/resource-caps	Solaris Resource Capping Daemon	✓	✓	✓
system/resource-mgmt/resource-pools	Resource Pools	✓	✓	✓
system/storage/fc-utilities	Fibre Channel Utilities	✓	✓	✓
system/storage/fcoe	FCoE Transport Driver	✓	✓	✓
system/storage/fcoe/fcoe-initiator	FCoE Initiator Driver	✓	✓	✓
system/storage/iscsi/iscsi-initiator	Sun iSCSI Management Utilities	✓	✓	✓
system/storage/iscsi/iscsi-iser	Sun iSCSI Data Mover	✓	✓	✓
system/storage/media-volume-manager	Removable volume manager	✓		✓
system/storage/multipath-utilities	Solaris Multipathing CLI	✓	✓	✓

TABLE 3-1 Group Packages, x86 Based Systems (Continued)

Package Name	Description	solaris- large- server	solaris- small- server	solaris- desktop
system/storage/parted	GNU Parted - Partition Editor			✓
system/storage/raid-utilities	RAID hardware utility	✓	✓	✓
system/storage/removable-media	Storage media management library	✓		✓
system/storage/sas-utilities	SAS Utilities	✓	✓	✓
system/system-events	System Event Daemon	✓	✓	✓
system/virtual-console	Virtual Consoles	✓	✓	✓
system/xopen/xcu4	XCU4 Utilities	✓		✓
system/xopen/xcu6	XCU6 Utilities	✓		✓
system/zones	Solaris Zones	✓	✓	✓
system/zones/brand/brand-solaris	Solaris Zones: solaris branded zone	✓	✓	✓
system/zones/brand/brand-solaris10	Solaris 10 Containers: solaris10 branded zone	✓		✓
terminal/fbconsole	fbconsole - fallback console			✓
terminal/gnome-terminal	GNOME terminal emulator			✓
terminal/luit	luit - Locale and ISO 2022 support for Unicode terminals	✓	✓	✓
terminal/resize	resize - adjust terminal settings to current window size	✓	✓	✓
terminal/screen	GNU Screen	✓		✓
terminal/xterm	xterm - terminal emulator for X			✓
text/doctools	Documentation Tools	✓	✓	✓
text/doctools/ja	Japanese Documentation Tools for manual pages	✓	✓	✓
text/gawk	GNU awk	✓		✓
text/gnu-diffutils	GNU diffutils	✓		✓
text/gnu-grep	GNU grep utilities	✓		✓
text/gnu-patch	The GNU Patch utility	✓		✓

TABLE 3-1 Group Packages, x86 Based Systems (Continued)

Package Name	Description	solaris- large- server	solaris- small- server	solaris- desktop
text/gnu-sed	gsed - GNU implementation of sed, the Unix stream editor	✓		✓
text/groff	GNU roff Text Formatting	✓		✓
text/less	pager program similar to more	✓	✓	✓
text/spelling-utilities	Spell checking support	✓	✓	✓
text/texinfo	Documentation system for on-line information and printed output	✓		✓
web/browser/firefox	Mozilla Firefox Web browser			✓
web/browser/firefox/plugin/firefox-java	Java runtime integration - plugin			✓
web/browser/w3m	A text-based web browser			✓
web/data/firefox-bookmarks	Firefox's default bookmark			✓
web/wget	wget - GNU wget	✓	✓	
x11/colormap-utilities	X Colormap Utilities			✓
x11/data/workspace-patterns	Bitmap patterns for workspace backgrounds			✓
x11/data/xbitmaps	X Window System standard bitmaps			✓
x11/data/xcursor-themes	X.Org default X11 cursor themes			✓
x11/demo	X Window System demo programs			✓
x11/demo/ mesa-demos	Mesa sample GLX clients			✓
x11/diagnostic/x11-info-clients	X Window System diagnostic and information display clients			✓
x11/diagnostic/xev	xev - X11 event monitor			✓
x11/diagnostic/xscope	xscope - X Window Protocol Viewer			✓
x11/documentation/xorg-docs	X Window System common documentation			✓
x11/font-utilities	X Window System font utilities			✓

TABLE 3-1 Group Packages, x86 Based Systems (Continued)

Package Name	Description	solaris- large- server	solaris- small- server	solaris- desktop
x11/keyboard/data-xkb	X.Org Foundation Xserver keyboard layouts			✓
x11/keyboard/xkb-utilities	X Window System X Keyboard Extension (XKB) Utilities			✓
x11/keyboard/xkbcomp	X Keyboard Extension data compiler			✓
x11/server/xephyr	Xephyr - X server displaying to a window on a pre-existing X display			✓
x11/server/xorg	Xorg - X11R7 X server			✓
x11/server/xorg/driver/xorg-input-acecad	xf86-input-acecad - Acecad Flair tablet input driver for the Xorg X server			✓
x11/server/xorg/driver/xorg-input-hotkey	xf86-input-hotkey - ACPI hotkey input driver for the Xorg server			✓
x11/server/xorg/driver/xorg-input-keyboard	xf86-input-kbd - Keyboard input driver for the Xorg X server			✓
x11/server/xorg/driver/xorg-input-mouse	xf86-input-mouse - Mouse input driver for the Xorg X server			✓
x11/server/xorg/driver/xorg-input-synaptics	xf86-input-synaptics - Synaptics touchpad driver for X.Org			✓
x11/server/xorg/driver/xorg-input-vmouse	xf86-input-vmouse - VMWare guest mouse input driver for the Xorg X server			✓
x11/server/xorg/driver/xorg-input-void	xf86-input-void - null input driver for Xorg server			✓
x11/server/xorg/driver/xorg-video	Xorg server video drivers group			✓
x11/server/xvnc	TigerVNC X11/VNC server			✓
x11/session/sessreg	sessreg - X session utmp/wtmp registration			✓
x11/session/smproxy	smproxy - X Session Manager Proxy			✓
x11/session/winsysck	winsysck - check which window system protocols are available			✓

TABLE 3-1 Group Packages, x86 Based Systems (Continued)

Package Name	Description	solaris- large- server	solaris- small- server	solaris- desktop
x11/session/xauth	xauth - X authority file utility			✓
x11/session/xinit	xinit & startx - X Window System manual session startup			✓
x11/x11-server-utilities	X11 server state utilities			✓
x11/x11-window-dump	X11 Window Dump (screenshot) utilities			✓
x11/xcalc	xcalc - scientific calculator for X			✓
x11/xclipboard	xclipboard & xcutsel tools for clipboard management			✓
x11/xfd	xfd - display all the characters in an X font			✓
x11/xfontsel	xfontsel - point and click selection of X11 font names			✓
x11/xfs	xfs - X Font Server			✓
x11/xfs/xfs-utilities	X Font Server utilities			✓
x11/xkill	xkill - utility to forcibly close X11 clients			✓
x11/xlock	xlock - X display screen lock			✓
x11/xmag	xmag - magnify parts of the screen			✓
x11/xvidtune	xvidtune - video mode tuner for Xorg servers			✓