

Advanced Printing Software

Installation Guide

September 2000

Product Version: Advanced Printing Software Version 1.1

Operating System and Version: Tru64 UNIX Version 4.0F or later

This guide describes how to install Advanced Printing Software on systems running the Tru64 UNIX operating system.

© 2000 Compaq Computer Corporation

COMPAQ, the Compaq logo, and TruCluster Registered in U.S. Patent and Trademark Office. DIGITAL and Tru64 are trademarks of Compaq Information Technologies Group, L.P.

UNIX is a registered trademark of The Open Group. PrintXchange is a trademark of Xerox Corporation. All other product names mentioned herein may be trademarks of their respective companies.

Advanced Printing Software is based on Xerox PrintXchange technology.

Confidential computer software. Valid license from Compaq required for possession, use, or copying. Consistent with FAR 12.211 and 12.212, Commercial Computer Software, Computer Software Documentation, and Technical Data for Commercial Items are licensed to the U.S. Government under vendor's standard commercial license.

Compaq shall not be liable for technical or editorial errors or omissions contained herein. The information in this document is subject to change without notice.

THE INFORMATION IN THIS PUBLICATION IS PROVIDED "AS IS" WITHOUT WARRANTY OF ANY KIND. THE ENTIRE RISK ARISING OUT OF THE USE OF THIS INFORMATION REMAINS WITH RECIPIENT. IN NO EVENT SHALL COMPAQ BE LIABLE FOR ANY DIRECT, CONSEQUENTIAL, INCIDENTAL, SPECIAL, PUNITIVE, OR OTHER DAMAGES WHATSOEVER (INCLUDING WITHOUT LIMITATION, DAMAGES FOR LOSS OF BUSINESS PROFITS, BUSINESS INTERRUPTION OR LOSS OF BUSINESS INFORMATION), EVEN IF COMPAQ HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES AND WHETHER IN AN ACTION OF CONTRACT OR TORT, INCLUDING NEGLIGENCE.

The limited warranties for Compaq products are exclusively set forth in the documentation accompanying such products. Nothing herein should be construed as constituting a further or additional warranty.

Contents

About this Guide

1 Preparing for the Installation

1.1	Release Notes	1-1
1.2	Installation Overview	1-1
1.3	Installation Requirements	1-1
1.3.1	Hardware Requirements	1-2
1.3.2	System Memory Requirements	1-2
1.3.3	Back Up Your System Disk	1-2
1.3.4	Login Privilege	1-2
1.3.5	Software Requirements	1-2
1.3.6	Advanced Printing Software Subsets	1-3
1.3.7	Disk Space Requirements	1-3
1.4	Installing GUI Subset from Unowned X Window Display	1-4
1.5	Stopping the Installation	1-5
1.6	Deleting Subsets	1-5
1.6.1	Removing Spool Directories	1-5

2 Software Installation

2.1	Starting the Installation Procedure	2-1
2.1.1	Using the Associated Products CD-ROM	2-1
2.1.2	Using Remote Installation Services (RIS)	2-2
2.2	Installing Advanced Printing Software Server Software	2-2
2.3	Installing Advanced Printing Software Client Software	2-4
2.4	Installing Advanced Printing Software in a Dataless Environment	2-5
2.5	Removing Advanced Printing Software Subsets in a Dataless Environment	2-5

A Sample Listings of the Installation

B Files Installed on Your System

About this Guide

This guide describes how to install Advanced Printing Software on systems running the Tru64 UNIX operating system.

Audience

This guide is intended for system administrators or anyone else that is responsible for installing the Advanced Printing Software on systems running the Tru64 UNIX operating system. This book assumes that the person installing this software has knowledge of operating system concepts and commands as well as an understanding of the hardware and software configuration of their systems.

Organization

This guide consists of two chapters and two appendixes:

Chapter 1	Describes the hardware and software requirements that must be met in order to successfully install, configure, and use the Advanced Printing Software.
Chapter 2	Describes how to access and install the Advanced Printing Software.
Appendix A	Provides listings of sample installations.
Appendix B	Lists the files installed during the Advanced Printing Software installation.

Related Documentation

The following documents and online help volumes are available to support Advanced Printing Software users and administrators.

<i>Advanced Printing Software System Administration and Operation Guide</i>	Describes the tasks administrators and operators perform to configure and administer an Advanced Printing Software system.
<i>Advanced Printing Software Command Reference Guide</i>	Describes all of the command line interface commands available to users and administrators.

*Advanced Printing
Software User Guide*

Describes how to submit jobs for print.

Advanced Printing
Software GUI Help Files

Help volumes are accessible from the *pdprintadmin*,
pdprint, and *pdprintinfo* GUI client files.

Preparing for the Installation

Before starting the installation procedures in Chapter 2, review the release notes available on the CD-ROM and the installation requirements outlined in this chapter.

1.1 Release Notes

Release notes for the Advanced Printing Software product are included with the documentation kit that accompanies the software. Compaq strongly recommends that you read the release notes before using this product. The release notes identify known problems and restrictions in this release, and provide information on errors in the documentation.

1.2 Installation Overview

There are two methods of installing Advanced Printing Software and its reference pages:

- Locally, from a CD-ROM that is mounted on your system.
- Remotely, from a Remote Installation Service (RIS) server. A RIS server can be any processor running ULTRIX or the Tru64 UNIX operating system.

If you expect to install the software from a RIS server, you need to know the name of the server and who maintains the RIS areas on the server. Before you begin a RIS installation, confirm the following:

- The Advanced Printing Software kit is available for remote installation.
- Your system is registered as a RIS client.

See the *Guide to Sharing Software on a Local Area Network* for more information about setting up a RIS server, adding clients, and providing software kits for remote installation.

1.3 Installation Requirements

Allow approximately 10 minutes to complete this installation procedure. Network activity during a remote installation can increase the installation procedure time. The following sections describe requirements for installing Advanced Printing Software.

1.3.1 Hardware Requirements

To perform the installation you need the following hardware:

- Software distribution device

You need a distribution device that corresponds with the software distribution media. For example, if you have a CD-ROM software kit, you need an RRD42 or RRD43 optical disc drive. You must know how to load the media supplied with the software distribution kit on the appropriate drive. The documentation for the disc drive you are using explains how to load media.

- Terminal

You can use either a hardcopy or video terminal to communicate with the operating system and respond to prompts from the installation procedure for Advanced Printing Software.

1.3.2 System Memory Requirements

Advanced Printing Software can be run on any Alpha-based system that meets the following memory requirements:

- 64 MB of memory for server systems. This includes command line and graphical user interfaces.
- 32 MB of memory for client systems supporting only the command line interface.
- 64 MB of memory for client systems supporting both the command line interface and the graphical user interface.

1.3.3 Back Up Your System Disk

Always back up your system before installing any software. Use the backup procedures established at your site. For details on performing a system backup, refer to your Tru64 UNIX documentation.

1.3.4 Login Privilege

You must be able to log in as the `root` user on the system where you are installing the Advanced Printing Software.

1.3.5 Software Requirements

The Advanced Printing Software is supported on any Alpha-based processor running Compaq Tru64 UNIX Version 4.0F or later.

In most cases you can view the `/etc/motd` file to determine what version of the operating system you are running. If this file has been edited and does

not contain the operating system version, you can verify the version you are running by executing the following command:

```
# /usr/sbin/sizer -v
```

If you have previously installed Advanced Printing Software Version 1.0 or Version 1.01, you must begin the installation by deinstalling the older version. The deinstallation process preserves your configuration. When you install Version 1.1, your configuration (servers, printers, and so on) will be in a usable state.

1.3.6 Advanced Printing Software Subsets

The Advanced Printing Software is packaged in the following subsets:

- Advanced Printing Software BASE and Client Commands (APXBASE110)
- Advanced Printing Software Spooler and Supervisor (APXSVR110)
- Advanced Printing Software lpr/lpd Gateways (APXGW110)
- Advanced Printing Software Graphical User Interface (APXGUI110)
- Advanced Printing Software Administrator Utilities (APXADMIN110)

1.3.7 Disk Space Requirements

The following table lists the disk space requirements for loading and running the software subsets on a Tru64 UNIX system.

Subset	/ (root)	/usr
APXBASE110	0K	3.75MB
APXSVR110	0K	1.2MB
APXGW110	0K	.5MB
APXGUI110	0K	6.8MB
APXADMIN110	0K	2.1MB

Refer to the disk space requirements table and total the values for each directory, then compare the space required for subsets with the free space currently on the disks where the Advanced Printing Software files will reside.

To determine the current amount of free space for a directory path, log in to the system where you will be installing the Advanced Printing Software software and enter the `df` command as follows:

```
% df -k /usr
```

This command produces output similar to the following:

```
Filesystem      kbytes  used  avail  capacity  Mounted on
/dev/rz0g       396703  328807 28225      92%      /usr
```

In this case the output indicates that there are 28225 kilobytes of free space on the file /usr system.

1.4 Installing GUI Subset from Unowned X Window Display

If you install or deinstall the APXGUI subset from a terminal or window that is not owned by the X session owner, the installation process installs files correctly, but it cannot integrate the GUI tools into the CDE environment. This occurs, for example, if you use the "su" command to become the root user from a terminal window belonging to a non-root user. The install (or uninstall) process displays the following messages:

```
Xlib: connection to ":0.0" refused by server
Xlib: Client is not authorized to connect to Server
/usr/bin/X11/xprop: unable to open display ':0.0'
usage: /usr/bin/X11/xprop [-options ...] [[format [dformat]] atom]
```

where options include:

-grammar	print out full grammar for command line
-display host:dpy	the X server to contact
-id id	resource id of window to examine
-name name	name of window to examine
-font name	name of font to examine
-remove propName	name of property to remove
-root	examine the root window
-len n	display at most n bytes of any property
-notype	do not display the type field
-fs filename	where to look for formats for properties
-frame	don't ignore window manager frames
-f propName format [dformat]	formats to use for property of given name
-spy	examine window properties forever

This procedure was not able to refresh your current X session. In order for the Advanced Printing Software GUIs to run properly, please do one of the following:

1. Log out and back in again to CDE
2. Using the Application Manager, issue the ReloadApps command
3. From a terminal window, while logged in as the user who owns the current CDE session (not su-ed to another user), issue the command
/usr/dt/bin/dtaction ReloadApps

Follow one of the steps listed in the message to complete the integration of the Advanced Printing GUI tools into your CDE environment. To avoid this situation, log in to a CDE environment as the root user before installing the APXGUI subset.

1.5 Stopping the Installation

You can stop the installation at any time by pressing Ctrl/C. However, files installed up to that point are not deleted. You must delete each Advanced Printing Software file manually. Appendix B lists the files that are installed during the Advanced Printing Software installation procedure.

1.6 Deleting Subsets

After installing the Advanced Printing Software, you can delete subsets by using the `setld` command with the `-d` option. For example, to delete the APXGUI110 subset use the following command:

```
# setld -d APXGUI110
```

If you stop this procedure before it is completed, you will have to manually delete all of the files that have been installed. Appendix B lists the files that are installed during the Advanced Printing Software installation procedure.

1.6.1 Removing Spool Directories

When you remove the Advanced Printing Software from your system (by using `setld -d`), the directory `/var/spool/pd` and any files and subdirectories contained within it are not deleted.

The spool directories are left in place to prevent the loss of any job data that had not yet been printed at the time the kit was removed. This is particularly necessary during an upgrade, where the system administrator must remove the current kit, then install a new kit.

If, however, the print system is being removed from the system permanently (for example, printing is being transferred to a different host), then these directories are no longer needed. The system administrator should ensure that no important print job data remains in the directories, at which time the `/var/spool/pd` directories can be safely removed.

Software Installation

This chapter provides a step-by-step description of the installation procedure. Before you start the installation procedure, be sure to read Chapter 1.

2.1 Starting the Installation Procedure

If you are installing the Advanced Printing Software from CD-ROM, start with .

If you are installing the New Hardware Support software from a RIS server, start with .

2.1.1 Using the Associated Products CD-ROM

If you are installing the software from the Associated Products CD-ROM Volume 2, start the installation procedure as follows:

1. Mount the media on the appropriate disc drive. See the documentation that came with your media for instructions on mounting CD-ROM media.
2. Log in as the root user on the system where you plan to install the software.
3. Enter the following command to ensure that you are at the root (/) directory:

```
# cd /
```

4. Specify the /mnt directory to be the mount point for the distribution file system:

```
# mount -r -t cdfs /dev/rz1c /mnt (Version 4.0x)  
# mount -r /dev/disk/cdrom0c /mnt (Version 5.0x)
```

5. Enter the `setld` command with the `-l` (load) option and specify the directory in the mounted file system where the subsets are located. For a Tru64 UNIX system, the directory location for Advanced Printing Software subsets is `/mnt/Advanced_Printing/kit`. For example, enter:

```
# setld -l /mnt/Advanced_Printing/kit
```

See and to continue the installation.

2.1.2 Using Remote Installation Services (RIS)

If you are installing Advanced Printing Software from a RIS server, start the installation procedure as follows:

1. Log in as the root user on the system where you plan to install the software.
2. Enter the following command to ensure that you are at the root (/) directory:

```
# cd /
```

3. Enter the `setld` command with the `-l` (load) function and specify the system where the subsets are located. For example, if you are loading Advanced Printing Software subsets from a RIS distribution area on node `bigsys`, enter the following command:

```
# setld -l bigsys:
```

See and to continue the installation.

2.2 Installing Advanced Printing Software Server Software

The Advanced Printing Software server software consists of the following subsets:

- **APXBASE110** – command line interface only. This subset is a required subset, the software will not function if it is not installed.
- **APXADMIN110** – command line interface system administration utilities and components for creating and displaying object databases. This subset is installed if you want to use the command line interface to manage the Advanced Printing Software environment.
- **APXGUI110** – `pdprint`, `pdprintadmin`, and `pdprintinfo` utilities that allow you to print and perform management functions using a graphical user interface
- **APXSVR110** – spooler and supervisor programs that need to be installed on the server systems.
- **APXGW110** – inbound and outbound gateways that allow users of legacy print applications (`lp` and `lpr` systems) to submit print requests to Advanced Printing Software output devices.

For server systems, the minimum system installation requires only the **APXBASE110**, **APXSVR110**, and **APXADMIN110** subsets. The GUI subset is optional. The following example demonstrates how to install all of the server subsets.

After you enter the `setld` command, the installation procedure displays the names of the Advanced Printing Software subsets and directs you to select the subsets you want installed:

```
# setld -l /mnt/Advanced_Printing/kit
```

The subsets listed below are optional:

There may be more optional subsets than can be presented on a single screen. If this is the case, you can choose subsets screen by screen or all at once on the last screen. All of the choices you make will be collected for your confirmation before any subsets are installed.

- 1) Advanced Printing Software Administrator Utilities
- 2) Advanced Printing Software BASE and Client Commands
- 3) Advanced Printing Software Graphical User Interface
- 4) Advanced Printing Software Spooler and Supervisor
- 5) Advanced Printing Software lpr/lpd Gateways

Or you may choose one of the following options:

- 6) ALL of the above
- 7) CANCEL selections and redisplay menus
- 8) EXIT without installing any subsets

Enter your choices or press RETURN to redisplay menus.

Choices (for example, 1 2 4-6): 6

If you specify more than one number at the prompt, separate each number with a space. You can specify a range of numbers by entering the starting and ending numbers with a hyphen between them.

In the next step, the `setld` script asks you to verify your choice of subsets to install:

You are installing the following optional subsets:

Advanced Printing Software Administrator Utilities
Advanced Printing Software BASE and Client Commands
Advanced Printing Software Graphical User Interface
Advanced Printing Software Spooler and Supervisor
Advanced Printing Software lpr/lpd Gateways

Is this correct? (y/n): y

If the displayed subsets are not the ones you want to load, enter `n`; the subset selection menu will be redisplayed. When the displayed subsets are the ones you want loaded, enter `y`. There is no further user interaction required to complete this installation procedure.

Appendix A provides a sample listing of the full installation procedure.

The *Advanced Printing Software System Administration and Operation Guide* describes how to configure servers, printers, and gateways.

2.3 Installing Advanced Printing Software Client Software

The Advanced Printing Software client software allows end users to print and monitor jobs. It consists of the following subsets:

- APXBASE110 — command line interface utilities.
- APXGUI110 — `pdprint`, `pdprintadmin`, and `pdprintinfo` utilities that allow users to print jobs and monitor print jobs and devices.

For client systems, the minimum system installation requires only the APXBASE110 subset. The APXGUI110 subset is optional. The following installation demonstrates how to install both of these client subsets.

After you enter the `setld` command, the installation procedure displays the names of the Advanced Printing Software subsets and directs you to select the subsets you want installed:

```
# setld -l /mnt/Advanced_Printing/kit
```

The subsets listed below are optional:

There may be more optional subsets than can be presented on a single screen. If this is the case, you can choose subsets screen by screen or all at once on the last screen. All of the choices you make will be collected for your confirmation before any subsets are installed.

- 1) Advanced Printing Software Administrator Utilities
- 2) Advanced Printing Software BASE and Client Commands
- 3) Advanced Printing Software Graphical User Interface
- 4) Advanced Printing Software Spooler and Supervisor
- 5) Advanced Printing Software lpr/lpd Gateways

Or you may choose one of the following options:

- 6) ALL of the above
- 7) CANCEL selections and redisplay menus
- 8) EXIT without installing any subsets

Enter your choices or press RETURN to redisplay menus.

Choices (for example, 1 2 4-6): 2 3

If you specify more than one number at the prompt, separate each number with a space.

In the next step, the `setld` script asks you to verify your choice of subsets to install:

You are installing the following optional subsets

Advanced Printing Software BASE and Client Commands
Advanced Printing Software Graphical User Interface

Is this correct? (y/n): y

If the displayed subsets are not the ones you want to load, enter `n`; the subset selection menu will be redisplayed. When the displayed subsets are the ones you want loaded, enter `y`. There is no further user interaction required to complete this installation procedure.

Appendix A provides a sample listing of the full installation procedure.

2.4 Installing Advanced Printing Software in a Dataless Environment

For the Advanced Printing System GUI clients to function properly in a dataless environment, the system administrator must issue the following command on each dataless client system for which the GUI clients are installed:

```
#dtappintegrate -s /usr/pd
```

If any Advanced Printing Software servers (supervisors or spoolers) are run on the client system, the administrator must also issue the following command:

```
#!/sbin/init.d/apx start
```

2.5 Removing Advanced Printing Software Subsets in a Dataless Environment

It is important that the following steps be performed on the dataless client system prior to removing the Advanced Printing Software subsets from the dataless server system:

1. Unintegrate the Advanced Printing Software GUIs from CDE using the following command:

```
#dtappintegrate -s /usr/pd -u
```

2. Ensure that Advanced Printing Software servers are stopped using the following command:

```
#!/sbin/init.d/apx stop
```


A

Sample Listings of the Installation

This appendix provides sample listings of a server installation and a client installation.

Server Installation

The subsets listed below are optional:

There may be more optional subsets than can be presented on a single screen. If this is the case, you can choose subsets screen by screen or all at once on the last screen. All of the choices you make will be collected for your confirmation before any subsets are installed.

- 1) Advanced Printing Software Administrator Utilities
- 2) Advanced Printing Software BASE and Client Commands
- 3) Advanced Printing Software Graphical User Interface
- 4) Advanced Printing Software Spooler and Supervisor
- 5) Advanced Printing Software lpr/lpd Gateways

Or you may choose one of the following options:

- 6) ALL of the above
- 7) CANCEL selections and redisplay menus
- 8) EXIT without installing any subsets

Enter your choices or press RETURN to redisplay menus.

Choices (for example, 1 2 4-6): 6

You are installing the following optional subsets:

Advanced Printing Software Administrator Utilities
Advanced Printing Software BASE and Client Commands
Advanced Printing Software Graphical User Interface
Advanced Printing Software Spooler and Supervisor
Advanced Printing Software lpr/lpd Gateways

Is this correct? (y/n): y

Checking file system space required to install selected subsets:

File system space checked OK.

5 subset(s) will be installed.

Loading 1 of 5 subset(s)...

Advanced Printing Software BASE and Client Commands

Copying from . (disk)

Verifying

Loading 2 of 5 subset(s)...

Advanced Printing Software Administrator Utilities

Copying from . (disk)

```

Verifying
Loading 3 of 5 subset(s)...
Advanced Printing Software Spooler and Supervisor
  Copying from . (disk)
  Verifying
Loading 4 of 5 subset(s)...
Advanced Printing Software Graphical User Interface
  Copying from . (disk)
  Working....Thu Jun 29 16:24:32 EST 2000
  Verifying
Loading 5 of 5 subset(s)...
Advanced Printing Software lpr/lpd Gateways
  Copying from . (disk)
  Verifying
5 of 5 subset(s) installed successfully.

```

```

*****
* Please refer to the file /usr/pd/README.txt for information      *
* about configuring and using this product.                       *
*****

```

```

APXBASE110 software installed successfully.
Configuring "Advanced Printing Software BASE and Client Commands" (APXBASE110)
APXADMIN110 software installed successfully.
Configuring "Advanced Printing Software Administrator Utilities" (APXADMIN110)
Adding entries to /etc/inetd.conf for Advanced Printing Software utilities.
Editing /etc/inetd.conf..
APXSVR110 software installed successfully.
Configuring "Advanced Printing Software Spooler and Supervisor" (APXSVR110)
APXGUI110 software installed successfully.
Configuring "Advanced Printing Software Graphical User Interface" (APXGUI110)
Integrating Advanced Printing Software GUI applications...
APXGW110 software installed successfully.
Configuring "Advanced Printing Software lpr/lpd Gateways" (APXGW110)
#

```

Sample Client Installation

```

# The subsets listed below are optional:
  There may be more optional subsets than can be presented on a single
  screen. If this is the case, you can choose subsets screen by screen
  or all at once on the last screen. All of the choices you make will
  be collected for your confirmation before any subsets are installed.
  1) Advanced Printing Software Administrator Utilities
  2) Advanced Printing Software BASE and Client Commands
  3) Advanced Printing Software Graphical User Interface
  4) Advanced Printing Software Spooler and Supervisor
  5) Advanced Printing Software lpr/lpd Gateways

```

Or you may choose one of the following options:

- 6) ALL of the above
- 7) CANCEL selections and redisplay menus
- 8) EXIT without installing any subsets

Enter your choices or press RETURN to redisplay menus.
 Choices (for example, 1 2 4-6): 2 3

You are installing the following optional subsets:

Advanced Printing Software BASE and Client Commands
Advanced Printing Software Graphical User Interface

Is this correct? (y/n): y

Checking file system space required to install selected subsets:

File system space checked OK.

2 subset(s) will be installed.

Loading 1 of 2 subset(s)...

Advanced Printing Software BASE and Client Commands

Copying from . (disk)

Verifying

Loading 2 of 2 subset(s)...

Advanced Printing Software Graphical User Interface

Copying from . (disk)

Working....Thu Jun 29 16:32:48 EST 2000

Verifying

2 of 2 subset(s) installed successfully.

* Please refer to the file /usr/pd/README.txt for information

*

* about configuring and using this product.

*

APXBASE110 software installed successfully.

Configuring "Advanced Printing Software BASE and Client Commands" (APXBASE110)

APXGUI110 software installed successfully.

Configuring "Advanced Printing Software Graphical User Interface" (APXGUI110)

Integrating Advanced Printing Software GUI applications...

#

B

Files Installed on Your System

This appendix lists the files that are installed on your system during an Advanced Printing Software installation. Each section is organized so that it lists the files installed when installing the specified subset.

APXADMIN110

```
/usr/opt/APX110/cluster/apx_caa_map.template
/usr/opt/APX110/cluster/apx_caa_setup
/usr/opt/APX110/cluster/apx_profile.template
/usr/opt/APX110/cluster/apx_script.template
/usr/opt/APX110/examples/pdf-setup.txt
/usr/opt/APX110/examples/pdf_pspsh.sh
/usr/opt/APX110/lib/libpdinfra.so
/usr/opt/APX110/lib/libpdsvr.so
/usr/opt/APX110/lib/nls/msg/C/pdmakedb.cat
/usr/opt/APX110/lib/nls/msg/C/pdmoddb.cat
/usr/opt/APX110/lib/nls/msg/C/pdshowdb.cat
/usr/opt/APX110/lib/nls/msg/C/pdspvr.cat
/usr/opt/APX110/sbin/pdclean
/usr/opt/APX110/sbin/pdcreate
/usr/opt/APX110/sbin/pdelete
/usr/opt/APX110/sbin/pddisable
/usr/opt/APX110/sbin/pdenable
/usr/opt/APX110/sbin/pdlldappw
/usr/opt/APX110/sbin/pdmakedb
/usr/opt/APX110/sbin/pdmoddb
/usr/opt/APX110/sbin/pdpromote
/usr/opt/APX110/sbin/pdshowdb
/usr/opt/APX110/sbin/pdshutdown
/usr/opt/APX110/sbin/rpc.pts
/usr/opt/APX110/scripts/APXADMIN.postinstall
/usr/opt/APX110/scripts/Makefile.printers
/usr/opt/APX110/scripts/pd_get_started
/usr/opt/APX110/share/cap/Compaq_LN16_PS.paf
/usr/opt/APX110/share/cap/Compaq_LN32_PS.paf
/usr/opt/APX110/share/cap/Compaq_LNM40_PS.paf
/usr/opt/APX110/share/cap/Digital_Colorwriter_LSR_2000_Level2PS.paf
/usr/opt/APX110/share/cap/Digital_DEClaser1150_Level1PS.paf
/usr/opt/APX110/share/cap/Digital_DEClaser1152_Level2PS.paf
/usr/opt/APX110/share/cap/Digital_DEClaser2150_Level1PS.paf
/usr/opt/APX110/share/cap/Digital_DEClaser2250_Level1PS.paf
/usr/opt/APX110/share/cap/Digital_DEClaser3250_Level1PS.paf
/usr/opt/APX110/share/cap/Digital_DEClaser3500_Level2PS.paf
/usr/opt/APX110/share/cap/Digital_DEClaser3500_PCL5.paf
/usr/opt/APX110/share/cap/Digital_DEClaser5100_Level2PS.paf
/usr/opt/APX110/share/cap/Digital_DEClaser5100_PCL5.paf
/usr/opt/APX110/share/cap/Digital_LA75.paf
```

/usr/opt/APX110/share/cap/Digital_LG04.paf
 /usr/opt/APX110/share/cap/Digital_LG08.paf
 /usr/opt/APX110/share/cap/Digital_LG12.paf
 /usr/opt/APX110/share/cap/Digital_LN03R_Level1PS.paf
 /usr/opt/APX110/share/cap/Digital_LN17_Level2PS.paf
 /usr/opt/APX110/share/cap/Digital_LN17_PCL5.paf
 /usr/opt/APX110/share/cap/Digital_PrintServer17_Level2PS.paf
 /usr/opt/APX110/share/cap/Digital_PrintServer20_Level2PS.paf
 /usr/opt/APX110/share/cap/Digital_PrintServer32_Level2PS.paf
 /usr/opt/APX110/share/cap/Generic_Level1PS.paf
 /usr/opt/APX110/share/cap/Generic_Level2PS.paf
 /usr/opt/APX110/share/cap/HP_ColorLaserJet_Level2PS.paf
 /usr/opt/APX110/share/cap/HP_ColorLaserJet_PCL5.paf
 /usr/opt/APX110/share/cap/HP_DesignJet755CM_Level2PS.paf
 /usr/opt/APX110/share/cap/HP_DeskJet1600CM_Level2PS.paf
 /usr/opt/APX110/share/cap/HP_DeskJet1600CM_PCL5.paf
 /usr/opt/APX110/share/cap/HP_LaserJet2100TN_PS.paf
 /usr/opt/APX110/share/cap/HP_LaserJet4000_Level2PS.paf
 /usr/opt/APX110/share/cap/HP_LaserJet4050_Level2PS.paf
 /usr/opt/APX110/share/cap/HP_LaserJet4MPlus_Level2PS.paf
 /usr/opt/APX110/share/cap/HP_LaserJet4MPlus_PCL5.paf
 /usr/opt/APX110/share/cap/HP_LaserJet4Si_Level2PS.paf
 /usr/opt/APX110/share/cap/HP_LaserJet4Si_PCL5.paf
 /usr/opt/APX110/share/cap/HP_LaserJet5000_PS.paf
 /usr/opt/APX110/share/cap/HP_LaserJet5Si_Level2PS.paf
 /usr/opt/APX110/share/cap/HP_LaserJet5Si_PCL5.paf
 /usr/opt/APX110/share/cap/HP_LaserJet8000_PS.paf
 /usr/opt/APX110/share/cap/HP_LaserJet8100_PS.paf
 /usr/opt/APX110/share/cap/HP_LaserJetIIISi_Level1PS.paf
 /usr/opt/APX110/share/cap/HP_LaserJetIIISi_Level2PS.paf
 /usr/opt/APX110/share/cap/HP_LaserJetIIISi_PCL5.paf
 /usr/opt/APX110/share/cap/Lexmark_4039plus_Level2PS.paf
 /usr/opt/APX110/share/cap/Lexmark_4039plus_PCL5.paf
 /usr/opt/APX110/share/cap/Lexmark_4079plus_Level2PS.paf
 /usr/opt/APX110/share/cap/Lexmark_OptraC710_PS.paf
 /usr/opt/APX110/share/cap/Lexmark_OptraC_Level2PS.paf
 /usr/opt/APX110/share/cap/Lexmark_OptraC_PCL5.paf
 /usr/opt/APX110/share/cap/Lexmark_OptraE_PCL5.paf
 /usr/opt/APX110/share/cap/Lexmark_OptraLx_Level2PS.paf
 /usr/opt/APX110/share/cap/Lexmark_OptraLx_PCL5.paf
 /usr/opt/APX110/share/cap/Lexmark_OptraLxiPlus_Level2PS.paf
 /usr/opt/APX110/share/cap/Lexmark_OptraLxiPlus_PCL5.paf
 /usr/opt/APX110/share/cap/Lexmark_OptraN_Level2PS.paf
 /usr/opt/APX110/share/cap/Lexmark_OptraN_PCL5.paf
 /usr/opt/APX110/share/cap/Lexmark_OptraRtPlus_Level2PS.paf
 /usr/opt/APX110/share/cap/Lexmark_OptraRtPlus_PCL5.paf
 /usr/opt/APX110/share/cap/Lexmark_OptraS1250_Level2PS.paf
 /usr/opt/APX110/share/cap/Lexmark_OptraS1250_PCL6.paf
 /usr/opt/APX110/share/cap/Lexmark_OptraS1650_Level2PS.paf
 /usr/opt/APX110/share/cap/Lexmark_OptraS1650_PCL6.paf
 /usr/opt/APX110/share/cap/Lexmark_OptraS2450_Level2PS.paf
 /usr/opt/APX110/share/cap/Lexmark_OptraS2450_PCL6.paf
 /usr/opt/APX110/share/cap/Lexmark_OptraSC1275_Level2PS.paf
 /usr/opt/APX110/share/cap/Lexmark_OptraSe3455_PS.paf
 /usr/opt/APX110/share/cap/Lexmark_OptraW810_PS.paf
 /usr/opt/APX110/share/cap/SUN_SPARCprinterE_Level2PS.paf

/usr/opt/APX110/share/cap/SUN_SPARCprinterE_PCL5.paf
 /usr/opt/APX110/share/cap/Xerox_4215_Level2PS.paf
 /usr/opt/APX110/share/cap/Xerox_4215_PCL5.paf
 /usr/opt/APX110/share/cap/Xerox_4219_Level2PS.paf
 /usr/opt/APX110/share/cap/Xerox_4219_PCL5.paf
 /usr/opt/APX110/share/cap/Xerox_4220_Level2PS.paf
 /usr/opt/APX110/share/cap/Xerox_4220_PCL5.paf
 /usr/opt/APX110/share/cap/Xerox_4230_Level2PS.paf
 /usr/opt/APX110/share/cap/Xerox_4230_PCL5.paf
 /usr/opt/APX110/share/cap/Xerox_4235_Level1PS.paf
 /usr/opt/APX110/share/cap/Xerox_4235_PCL4.paf
 /usr/opt/APX110/share/cap/Xerox_4505_PCL5.paf
 /usr/opt/APX110/share/cap/Xerox_4510_PCL5.paf
 /usr/opt/APX110/share/cap/Xerox_4517_Level2PS.paf
 /usr/opt/APX110/share/cap/Xerox_4517_PCL5.paf
 /usr/opt/APX110/share/cap/Xerox_4520_Level2PS.paf
 /usr/opt/APX110/share/cap/Xerox_4520_PCL5.paf
 /usr/opt/APX110/share/cap/Xerox_4700II_Level1PS.paf
 /usr/opt/APX110/share/cap/Xerox_4700II_PCL5.paf
 /usr/opt/APX110/share/cap/Xerox_DocuPrint4050NPS.paf
 /usr/opt/APX110/share/cap/Xerox_DocuPrint4090NPS.paf
 /usr/opt/APX110/share/cap/Xerox_DocuPrint4635NPS.paf
 /usr/opt/APX110/share/cap/Xerox_DocuPrint4850NPS.paf
 /usr/opt/APX110/share/cap/Xerox_DocuPrint4890NPS.paf
 /usr/opt/APX110/share/cap/Xerox_DocuPrintN17_Level2PS.paf
 /usr/opt/APX110/share/cap/Xerox_DocuPrintN24_Level2PS.paf
 /usr/opt/APX110/share/cap/Xerox_DocuPrintN32_Level2PS.paf
 /usr/opt/APX110/share/cap/Xerox_DocuPrintN40_Level2PS.paf
 /usr/opt/APX110/share/cap/Xerox_DocuTech6135.paf
 /usr/opt/APX110/share/data/charset.dat
 /usr/opt/APX110/share/man/man1/pdclean.1
 /usr/opt/APX110/share/man/man1/pdcreate.1
 /usr/opt/APX110/share/man/man1/pddelete.1
 /usr/opt/APX110/share/man/man1/pddisable.1
 /usr/opt/APX110/share/man/man1/pdenable.1
 /usr/opt/APX110/share/man/man1/pdmakedb.1
 /usr/opt/APX110/share/man/man1/pdmoddb.1
 /usr/opt/APX110/share/man/man1/pdpromote.1
 /usr/opt/APX110/share/man/man1/pdshowdb.1
 /usr/opt/APX110/share/man/man1/pdshutdown.1
 /usr/opt/APX110/share/man/man8/pdlappw.8
 /usr/opt/APX110/share/odb/lldb.d00
 /usr/opt/APX110/share/odb/lldb.d01
 /usr/opt/APX110/share/odb/lldb.d02
 /usr/opt/APX110/share/odb/lldb.d03
 /usr/opt/APX110/share/odb/lldb.d04
 /usr/opt/APX110/share/odb/lldb.d05
 /usr/opt/APX110/share/odb/lldb.d06
 /usr/opt/APX110/share/odb/lldb.d07
 /usr/opt/APX110/share/odb/lldb.d08
 /usr/opt/APX110/share/odb/lldb.d09
 /usr/opt/APX110/share/odb/lldb.d10
 /usr/opt/APX110/share/odb/lldb.d11
 /usr/opt/APX110/share/odb/lldb.d12
 /usr/opt/APX110/share/odb/lldb.dbd

APXBASE110

```
/usr/opt/APX110
/usr/opt/APX110/README.txt
/usr/opt/APX110/bin
/usr/opt/APX110/bin/pdls
/usr/opt/APX110/bin/pdmod
/usr/opt/APX110/bin/pdpause
/usr/opt/APX110/bin/pdpr
/usr/opt/APX110/bin/pdq
/usr/opt/APX110/bin/pdresubmit
/usr/opt/APX110/bin/pdresume
/usr/opt/APX110/bin/pdrn
/usr/opt/APX110/bin/pdset
/usr/opt/APX110/cluster
/usr/opt/APX110/dt
/usr/opt/APX110/dt/app-defaults
/usr/opt/APX110/dt/app-defaults/C
/usr/opt/APX110/dt/appconfig
/usr/opt/APX110/dt/appconfig/appmanager
/usr/opt/APX110/dt/appconfig/appmanager/C
/usr/opt/APX110/dt/appconfig/appmanager/C/Advanced_Printing
/usr/opt/APX110/dt/appconfig/help
/usr/opt/APX110/dt/appconfig/help/C
/usr/opt/APX110/dt/appconfig/help/C/graphics
/usr/opt/APX110/dt/appconfig/icons
/usr/opt/APX110/dt/appconfig/icons/C
/usr/opt/APX110/dt/appconfig/types
/usr/opt/APX110/dt/appconfig/types/C
/usr/opt/APX110/examples
/usr/opt/APX110/lib
/usr/opt/APX110/lib/libdpapi.so
/usr/opt/APX110/lib/libpdcore.so
/usr/opt/APX110/lib/nls
/usr/opt/APX110/lib/nls/msg
/usr/opt/APX110/lib/nls/msg/C
/usr/opt/APX110/lib/nls/msg/C/dpaapi.cat
/usr/opt/APX110/lib/nls/msg/C/pdguicommon.cat
/usr/opt/APX110/lib/nls/msg/C/pdntfs.cat
/usr/opt/APX110/lib/nls/msg/C/pdpr.cat
/usr/opt/APX110/lib/pdconntf
/usr/opt/APX110/lib/pdntfs
/usr/opt/APX110/sbin
/usr/opt/APX110/scripts
/usr/opt/APX110/scripts/APXBASE.postinstall
/usr/opt/APX110/scripts/apx.init
/usr/opt/APX110/scripts/apx_common.sh
/usr/opt/APX110/share
/usr/opt/APX110/share/cap
/usr/opt/APX110/share/data
/usr/opt/APX110/share/include
/usr/opt/APX110/share/man
/usr/opt/APX110/share/man/man1
/usr/opt/APX110/share/man/man1/pdconntf.1
/usr/opt/APX110/share/man/man1/pdls.1
/usr/opt/APX110/share/man/man1/pdmod.1
/usr/opt/APX110/share/man/man1/pdpause.1
```

/usr/opt/APX110/share/man/man1/pdpr.1
 /usr/opt/APX110/share/man/man1/pdq.1
 /usr/opt/APX110/share/man/man1/pdresubmit.1
 /usr/opt/APX110/share/man/man1/pdresume.1
 /usr/opt/APX110/share/man/man1/pdr.1
 /usr/opt/APX110/share/man/man1/pdset.1
 /usr/opt/APX110/share/messages
 /usr/opt/APX110/share/messages/default
 /usr/opt/APX110/share/odb
 /usr/opt/APX110/share/oid
 /usr/opt/APX110/share/oid/DPAOIDs.dbm
 /usr/opt/APX110/share/oid/DPAOIDs_C.dbm
 /usr/opt/APX110/share/oid/DPAOIDs_I.dbm
 /usr/opt/APX110/share/prologues
 /var/opt
 /var/opt/APX110
 /var/opt/APX110/config
 /var/opt/APX110/odb
 /var/opt/APX110/pts

APXGUI110

./usr/opt/APX110/bin/pdprint
 ./usr/opt/APX110/bin/pdprintadmin
 ./usr/opt/APX110/bin/pdprintinfo
 ./usr/opt/APX110/dt/app-defaults/C/Pdprint
 ./usr/opt/APX110/dt/app-defaults/C/Pdprintadmin
 ./usr/opt/APX110/dt/app-defaults/C/Pdprintinfo
 ./usr/opt/APX110/dt/appconfig/help/C/graphics/add-dev1.tif
 ./usr/opt/APX110/dt/appconfig/help/C/graphics/add-dev2.tif
 ./usr/opt/APX110/dt/appconfig/help/C/graphics/add-dev4.tif
 ./usr/opt/APX110/dt/appconfig/help/C/graphics/add-dev5.tif
 ./usr/opt/APX110/dt/appconfig/help/C/graphics/add-dev6.tif
 ./usr/opt/APX110/dt/appconfig/help/C/graphics/add-dev7.tif
 ./usr/opt/APX110/dt/appconfig/help/C/graphics/add-dv3a.tif
 ./usr/opt/APX110/dt/appconfig/help/C/graphics/add-dv3b.tif
 ./usr/opt/APX110/dt/appconfig/help/C/graphics/add-dv3c.tif
 ./usr/opt/APX110/dt/appconfig/help/C/graphics/add-dv3d.tif
 ./usr/opt/APX110/dt/appconfig/help/C/graphics/ass-q.tif
 ./usr/opt/APX110/dt/appconfig/help/C/graphics/attnprn.tif
 ./usr/opt/APX110/dt/appconfig/help/C/graphics/clean.tif
 ./usr/opt/APX110/dt/appconfig/help/C/graphics/connect.tif
 ./usr/opt/APX110/dt/appconfig/help/C/graphics/defprn.tif
 ./usr/opt/APX110/dt/appconfig/help/C/graphics/delete.tif
 ./usr/opt/APX110/dt/appconfig/help/C/graphics/details.tif
 ./usr/opt/APX110/dt/appconfig/help/C/graphics/dev-cona.tif
 ./usr/opt/APX110/dt/appconfig/help/C/graphics/dev-conb.tif
 ./usr/opt/APX110/dt/appconfig/help/C/graphics/dev-conc.tif
 ./usr/opt/APX110/dt/appconfig/help/C/graphics/dev-cond.tif
 ./usr/opt/APX110/dt/appconfig/help/C/graphics/dev-conn.tif
 ./usr/opt/APX110/dt/appconfig/help/C/graphics/dev-ps.tif
 ./usr/opt/APX110/dt/appconfig/help/C/graphics/dev-stat.tif
 ./usr/opt/APX110/dt/appconfig/help/C/graphics/disable.tif
 ./usr/opt/APX110/dt/appconfig/help/C/graphics/disconn.tif
 ./usr/opt/APX110/dt/appconfig/help/C/graphics/dom-que.tif
 ./usr/opt/APX110/dt/appconfig/help/C/graphics/dom-splr.tif
 ./usr/opt/APX110/dt/appconfig/help/C/graphics/dsablprn.tif

.usr/opt/APX110/dt/appconfig/help/C/graphics/enable.tif
.usr/opt/APX110/dt/appconfig/help/C/graphics/event2.tif
.usr/opt/APX110/dt/appconfig/help/C/graphics/event7.tif
.usr/opt/APX110/dt/appconfig/help/C/graphics/fpanel1.tif
.usr/opt/APX110/dt/appconfig/help/C/graphics/help.tif
.usr/opt/APX110/dt/appconfig/help/C/graphics/icons.tif
.usr/opt/APX110/dt/appconfig/help/C/graphics/lnmbrup.tif
.usr/opt/APX110/dt/appconfig/help/C/graphics/mod-int.tif
.usr/opt/APX110/dt/appconfig/help/C/graphics/mod-inta.tif
.usr/opt/APX110/dt/appconfig/help/C/graphics/mod-intb.tif
.usr/opt/APX110/dt/appconfig/help/C/graphics/numberup.tif
.usr/opt/APX110/dt/appconfig/help/C/graphics/open.tif
.usr/opt/APX110/dt/appconfig/help/C/graphics/pa_c_dev.tif
.usr/opt/APX110/dt/appconfig/help/C/graphics/pa_d_des.tif
.usr/opt/APX110/dt/appconfig/help/C/graphics/pa_d_m2.tif
.usr/opt/APX110/dt/appconfig/help/C/graphics/pa_d_m4.tif
.usr/opt/APX110/dt/appconfig/help/C/graphics/pa_e1.tif
.usr/opt/APX110/dt/appconfig/help/C/graphics/pa_e2.tif
.usr/opt/APX110/dt/appconfig/help/C/graphics/pa_e3.tif
.usr/opt/APX110/dt/appconfig/help/C/graphics/pa_e6.tif
.usr/opt/APX110/dt/appconfig/help/C/graphics/pa_f1.tif
.usr/opt/APX110/dt/appconfig/help/C/graphics/pa_f2.tif
.usr/opt/APX110/dt/appconfig/help/C/graphics/pa_f3.tif
.usr/opt/APX110/dt/appconfig/help/C/graphics/pa_f4.tif
.usr/opt/APX110/dt/appconfig/help/C/graphics/pa_f5.tif
.usr/opt/APX110/dt/appconfig/help/C/graphics/pa_lp_m2.tif
.usr/opt/APX110/dt/appconfig/help/C/graphics/pa_lp_t1.tif
.usr/opt/APX110/dt/appconfig/help/C/graphics/pa_lp_t2.tif
.usr/opt/APX110/dt/appconfig/help/C/graphics/pa_lp_t3.tif
.usr/opt/APX110/dt/appconfig/help/C/graphics/pa_lp_t4.tif
.usr/opt/APX110/dt/appconfig/help/C/graphics/pa_lp_t5.tif
.usr/opt/APX110/dt/appconfig/help/C/graphics/pa_pp_p.tif
.usr/opt/APX110/dt/appconfig/help/C/graphics/pa_q_des.tif
.usr/opt/APX110/dt/appconfig/help/C/graphics/pa_s_des.tif
.usr/opt/APX110/dt/appconfig/help/C/graphics/pause.tif
.usr/opt/APX110/dt/appconfig/help/C/graphics/pausjob.tif
.usr/opt/APX110/dt/appconfig/help/C/graphics/pausprn.tif
.usr/opt/APX110/dt/appconfig/help/C/graphics/pi_d.tif
.usr/opt/APX110/dt/appconfig/help/C/graphics/pi_d2.tif
.usr/opt/APX110/dt/appconfig/help/C/graphics/pi_d3.tif
.usr/opt/APX110/dt/appconfig/help/C/graphics/pi_d4.tif
.usr/opt/APX110/dt/appconfig/help/C/graphics/pi_d5.tif
.usr/opt/APX110/dt/appconfig/help/C/graphics/pi_d_e1.tif
.usr/opt/APX110/dt/appconfig/help/C/graphics/pi_d_e2.tif
.usr/opt/APX110/dt/appconfig/help/C/graphics/pi_d_f2.tif
.usr/opt/APX110/dt/appconfig/help/C/graphics/pi_d_f3.tif
.usr/opt/APX110/dt/appconfig/help/C/graphics/pi_d_m1.tif
.usr/opt/APX110/dt/appconfig/help/C/graphics/pi_d_m2a.tif
.usr/opt/APX110/dt/appconfig/help/C/graphics/pi_d_m2b.tif
.usr/opt/APX110/dt/appconfig/help/C/graphics/pi_d_m2c.tif
.usr/opt/APX110/dt/appconfig/help/C/graphics/pi_d_m2d.tif
.usr/opt/APX110/dt/appconfig/help/C/graphics/pi_d_m2e.tif
.usr/opt/APX110/dt/appconfig/help/C/graphics/pi_d_m3a.tif
.usr/opt/APX110/dt/appconfig/help/C/graphics/pi_d_m3b.tif
.usr/opt/APX110/dt/appconfig/help/C/graphics/pi_d_m3c.tif
.usr/opt/APX110/dt/appconfig/help/C/graphics/pi_d_m3d.tif

./usr/opt/APX110/dt/appconfig/help/C/graphics/pi_d_m4.tif
./usr/opt/APX110/dt/appconfig/help/C/graphics/pi_d_m4b.tif
./usr/opt/APX110/dt/appconfig/help/C/graphics/pi_d_m5.tif
./usr/opt/APX110/dt/appconfig/help/C/graphics/pi_d_m6.tif
./usr/opt/APX110/dt/appconfig/help/C/graphics/pi_i.tif
./usr/opt/APX110/dt/appconfig/help/C/graphics/pi_i_m1.tif
./usr/opt/APX110/dt/appconfig/help/C/graphics/pi_i_m2.tif
./usr/opt/APX110/dt/appconfig/help/C/graphics/pi_i_m4.tif
./usr/opt/APX110/dt/appconfig/help/C/graphics/pi_j.tif
./usr/opt/APX110/dt/appconfig/help/C/graphics/pi_j_j.tif
./usr/opt/APX110/dt/appconfig/help/C/graphics/pi_j_m1.tif
./usr/opt/APX110/dt/appconfig/help/C/graphics/pi_j_m2.tif
./usr/opt/APX110/dt/appconfig/help/C/graphics/pi_j_t1.tif
./usr/opt/APX110/dt/appconfig/help/C/graphics/pi_j_t1b.tif
./usr/opt/APX110/dt/appconfig/help/C/graphics/pi_j_t1c.tif
./usr/opt/APX110/dt/appconfig/help/C/graphics/pi_j_t2.tif
./usr/opt/APX110/dt/appconfig/help/C/graphics/pi_j_t2c.tif
./usr/opt/APX110/dt/appconfig/help/C/graphics/pi_j_t3.tif
./usr/opt/APX110/dt/appconfig/help/C/graphics/pi_j_t4.tif
./usr/opt/APX110/dt/appconfig/help/C/graphics/pi_j_t5.tif
./usr/opt/APX110/dt/appconfig/help/C/graphics/pi_j_t6.tif
./usr/opt/APX110/dt/appconfig/help/C/graphics/pi_j_tf.tif
./usr/opt/APX110/dt/appconfig/help/C/graphics/pi_j_tf2.tif
./usr/opt/APX110/dt/appconfig/help/C/graphics/pi_j_tf3.tif
./usr/opt/APX110/dt/appconfig/help/C/graphics/pi_lp_2.tif
./usr/opt/APX110/dt/appconfig/help/C/graphics/pi_lp_2b.tif
./usr/opt/APX110/dt/appconfig/help/C/graphics/pi_lp_t1.tif
./usr/opt/APX110/dt/appconfig/help/C/graphics/pi_lp_t2.tif
./usr/opt/APX110/dt/appconfig/help/C/graphics/pi_lp_t3.tif
./usr/opt/APX110/dt/appconfig/help/C/graphics/pi_lp_t4.tif
./usr/opt/APX110/dt/appconfig/help/C/graphics/pi_lp_t5.tif
./usr/opt/APX110/dt/appconfig/help/C/graphics/pi_t4.tif
./usr/opt/APX110/dt/appconfig/help/C/graphics/pnmbруп.tif
./usr/opt/APX110/dt/appconfig/help/C/graphics/pri-dev.tif
./usr/opt/APX110/dt/appconfig/help/C/graphics/pri-jobs.tif
./usr/opt/APX110/dt/appconfig/help/C/graphics/pri-prop.tif
./usr/opt/APX110/dt/appconfig/help/C/graphics/print.tif
./usr/opt/APX110/dt/appconfig/help/C/graphics/promote.tif
./usr/opt/APX110/dt/appconfig/help/C/graphics/ps_1.tif
./usr/opt/APX110/dt/appconfig/help/C/graphics/ps_2.tif
./usr/opt/APX110/dt/appconfig/help/C/graphics/ps_d1.tif
./usr/opt/APX110/dt/appconfig/help/C/graphics/ps_d2.tif
./usr/opt/APX110/dt/appconfig/help/C/graphics/ps_d3.tif
./usr/opt/APX110/dt/appconfig/help/C/graphics/ps_d4.tif
./usr/opt/APX110/dt/appconfig/help/C/graphics/ps_d5.tif
./usr/opt/APX110/dt/appconfig/help/C/graphics/ps_d6.tif
./usr/opt/APX110/dt/appconfig/help/C/graphics/ps_d7.tif
./usr/opt/APX110/dt/appconfig/help/C/graphics/ps_d8.tif
./usr/opt/APX110/dt/appconfig/help/C/graphics/ps_d_tf.tif
./usr/opt/APX110/dt/appconfig/help/C/graphics/ps_d_tf2.tif
./usr/opt/APX110/dt/appconfig/help/C/graphics/ps_d_tf3.tif
./usr/opt/APX110/dt/appconfig/help/C/graphics/ps_e1.tif
./usr/opt/APX110/dt/appconfig/help/C/graphics/ps_e2.tif
./usr/opt/APX110/dt/appconfig/help/C/graphics/ps_f.tif
./usr/opt/APX110/dt/appconfig/help/C/graphics/que-addp.tif
./usr/opt/APX110/dt/appconfig/help/C/graphics/que-conn.tif

./usr/opt/APX110/dt/appconfig/help/C/graphics/que-desc.tif
 ./usr/opt/APX110/dt/appconfig/help/C/graphics/que-dev.tif
 ./usr/opt/APX110/dt/appconfig/help/C/graphics/que-jobs.tif
 ./usr/opt/APX110/dt/appconfig/help/C/graphics/que-pri.tif
 ./usr/opt/APX110/dt/appconfig/help/C/graphics/que-prop.tif
 ./usr/opt/APX110/dt/appconfig/help/C/graphics/readyjob.tif
 ./usr/opt/APX110/dt/appconfig/help/C/graphics/readyprn.tif
 ./usr/opt/APX110/dt/appconfig/help/C/graphics/refresh.tif
 ./usr/opt/APX110/dt/appconfig/help/C/graphics/resub-q.tif
 ./usr/opt/APX110/dt/appconfig/help/C/graphics/resubmit.tif
 ./usr/opt/APX110/dt/appconfig/help/C/graphics/resume.tif
 ./usr/opt/APX110/dt/appconfig/help/C/graphics/sides-2.tif
 ./usr/opt/APX110/dt/appconfig/help/C/graphics/sides-3.tif
 ./usr/opt/APX110/dt/appconfig/help/C/graphics/spl-addq.tif
 ./usr/opt/APX110/dt/appconfig/help/C/graphics/spl-prop.tif
 ./usr/opt/APX110/dt/appconfig/help/C/graphics/spl-que.tif
 ./usr/opt/APX110/dt/appconfig/help/C/graphics/sqptree.tif
 ./usr/opt/APX110/dt/appconfig/help/C/graphics/states.tif
 ./usr/opt/APX110/dt/appconfig/help/C/graphics/statwin.tif
 ./usr/opt/APX110/dt/appconfig/help/C/graphics/sup-dev.tif
 ./usr/opt/APX110/dt/appconfig/help/C/graphics/sup-prop.tif
 ./usr/opt/APX110/dt/appconfig/help/C/graphics/sup_attn.tif
 ./usr/opt/APX110/dt/appconfig/help/C/graphics/sup_redy.tif
 ./usr/opt/APX110/dt/appconfig/help/C/graphics/sup_stop.tif
 ./usr/opt/APX110/dt/appconfig/help/C/graphics/syscomp.tif
 ./usr/opt/APX110/dt/appconfig/help/C/graphics/tree.tif
 ./usr/opt/APX110/dt/appconfig/help/C/graphics/usr-adm2.tif
 ./usr/opt/APX110/dt/appconfig/help/C/graphics/usr-admi.tif
 ./usr/opt/APX110/dt/appconfig/help/C/pdprint.sdl
 ./usr/opt/APX110/dt/appconfig/help/C/pdprintadmin.sdl
 ./usr/opt/APX110/dt/appconfig/help/C/pdprintinfo.sdl
 ./usr/opt/APX110/dt/appconfig/icons/C/1up.m.pm
 ./usr/opt/APX110/dt/appconfig/icons/C/2up.m.pm
 ./usr/opt/APX110/dt/appconfig/icons/C/4up.m.pm
 ./usr/opt/APX110/dt/appconfig/icons/C/Pdaprint.m.pm
 ./usr/opt/APX110/dt/appconfig/icons/C/Pdaprint.t.pm
 ./usr/opt/APX110/dt/appconfig/icons/C/Pdprint.m.pm
 ./usr/opt/APX110/dt/appconfig/icons/C/busy.t.pm
 ./usr/opt/APX110/dt/appconfig/icons/C/caut.t.pm
 ./usr/opt/APX110/dt/appconfig/icons/C/clean-i.s.pm
 ./usr/opt/APX110/dt/appconfig/icons/C/clean-s.s.pm
 ./usr/opt/APX110/dt/appconfig/icons/C/clean.s.pm
 ./usr/opt/APX110/dt/appconfig/icons/C/connect-i.s.pm
 ./usr/opt/APX110/dt/appconfig/icons/C/connect-s.s.pm
 ./usr/opt/APX110/dt/appconfig/icons/C/connect.s.pm
 ./usr/opt/APX110/dt/appconfig/icons/C/delete-i.s.pm
 ./usr/opt/APX110/dt/appconfig/icons/C/delete-s.s.pm
 ./usr/opt/APX110/dt/appconfig/icons/C/delete.s.pm
 ./usr/opt/APX110/dt/appconfig/icons/C/details-i.s.pm
 ./usr/opt/APX110/dt/appconfig/icons/C/details-s.s.pm
 ./usr/opt/APX110/dt/appconfig/icons/C/details.s.pm
 ./usr/opt/APX110/dt/appconfig/icons/C/device-s.l.pm
 ./usr/opt/APX110/dt/appconfig/icons/C/device.m.pm
 ./usr/opt/APX110/dt/appconfig/icons/C/device.t.pm
 ./usr/opt/APX110/dt/appconfig/icons/C/dflt.t.pm
 ./usr/opt/APX110/dt/appconfig/icons/C/dir.s.pm

.usr/opt/APX110/dt/appconfig/icons/C/disable-i.s.pm
.usr/opt/APX110/dt/appconfig/icons/C/disable-s.s.pm
.usr/opt/APX110/dt/appconfig/icons/C/disable.s.pm
.usr/opt/APX110/dt/appconfig/icons/C/disconn-i.s.pm
.usr/opt/APX110/dt/appconfig/icons/C/disconn-s.s.pm
.usr/opt/APX110/dt/appconfig/icons/C/disconn.s.pm
.usr/opt/APX110/dt/appconfig/icons/C/doc.m.pm
.usr/opt/APX110/dt/appconfig/icons/C/doc.t.pm
.usr/opt/APX110/dt/appconfig/icons/C/duplex.m.pm
.usr/opt/APX110/dt/appconfig/icons/C/enable-i.s.pm
.usr/opt/APX110/dt/appconfig/icons/C/enable-s.s.pm
.usr/opt/APX110/dt/appconfig/icons/C/enable.s.pm
.usr/opt/APX110/dt/appconfig/icons/C/folder-clsd.s.pm
.usr/opt/APX110/dt/appconfig/icons/C/folder-open.s.pm
.usr/opt/APX110/dt/appconfig/icons/C/held.t.pm
.usr/opt/APX110/dt/appconfig/icons/C/help-i.s.pm
.usr/opt/APX110/dt/appconfig/icons/C/help-s.s.pm
.usr/opt/APX110/dt/appconfig/icons/C/help.s.pm
.usr/opt/APX110/dt/appconfig/icons/C/icons-i.s.pm
.usr/opt/APX110/dt/appconfig/icons/C/icons-s.s.pm
.usr/opt/APX110/dt/appconfig/icons/C/icons.s.pm
.usr/opt/APX110/dt/appconfig/icons/C/idle.s.pm
.usr/opt/APX110/dt/appconfig/icons/C/job-b.t.pm
.usr/opt/APX110/dt/appconfig/icons/C/job-s.l.pm
.usr/opt/APX110/dt/appconfig/icons/C/job.m.pm
.usr/opt/APX110/dt/appconfig/icons/C/job.t.pm
.usr/opt/APX110/dt/appconfig/icons/C/landflip.m.pm
.usr/opt/APX110/dt/appconfig/icons/C/landscape.m.pm
.usr/opt/APX110/dt/appconfig/icons/C/lprint.l.pm
.usr/opt/APX110/dt/appconfig/icons/C/lprint.m.pm
.usr/opt/APX110/dt/appconfig/icons/C/lprint.t.pm
.usr/opt/APX110/dt/appconfig/icons/C/open-i.s.pm
.usr/opt/APX110/dt/appconfig/icons/C/open-s.s.pm
.usr/opt/APX110/dt/appconfig/icons/C/open.s.pm
.usr/opt/APX110/dt/appconfig/icons/C/pause-i.s.pm
.usr/opt/APX110/dt/appconfig/icons/C/pause-s.s.pm
.usr/opt/APX110/dt/appconfig/icons/C/pause.s.pm
.usr/opt/APX110/dt/appconfig/icons/C/pdadmin.l.pm
.usr/opt/APX110/dt/appconfig/icons/C/pdadmin.m.pm
.usr/opt/APX110/dt/appconfig/icons/C/pdadmin.t.pm
.usr/opt/APX110/dt/appconfig/icons/C/pdinfo.l.pm
.usr/opt/APX110/dt/appconfig/icons/C/pdinfo.m.pm
.usr/opt/APX110/dt/appconfig/icons/C/pdinfo.t.pm
.usr/opt/APX110/dt/appconfig/icons/C/pdprint.l.pm
.usr/opt/APX110/dt/appconfig/icons/C/pdprint.m.pm
.usr/opt/APX110/dt/appconfig/icons/C/pdprint.t.pm
.usr/opt/APX110/dt/appconfig/icons/C/portflip.m.pm
.usr/opt/APX110/dt/appconfig/icons/C/print-i.s.pm
.usr/opt/APX110/dt/appconfig/icons/C/print-s.s.pm
.usr/opt/APX110/dt/appconfig/icons/C/print.s.pm
.usr/opt/APX110/dt/appconfig/icons/C/promote-i.s.pm
.usr/opt/APX110/dt/appconfig/icons/C/promote-s.s.pm
.usr/opt/APX110/dt/appconfig/icons/C/promote.s.pm
.usr/opt/APX110/dt/appconfig/icons/C/px.pm
.usr/opt/APX110/dt/appconfig/icons/C/queue-s.l.pm
.usr/opt/APX110/dt/appconfig/icons/C/queue.m.pm

/usr/opt/APX110/dt/appconfig/icons/C/queue.t.pm
 /usr/opt/APX110/dt/appconfig/icons/C/refresh-i.s.pm
 /usr/opt/APX110/dt/appconfig/icons/C/refresh-s.s.pm
 /usr/opt/APX110/dt/appconfig/icons/C/refresh.s.pm
 /usr/opt/APX110/dt/appconfig/icons/C/resume-i.s.pm
 /usr/opt/APX110/dt/appconfig/icons/C/resume-s.s.pm
 /usr/opt/APX110/dt/appconfig/icons/C/resume.s.pm
 /usr/opt/APX110/dt/appconfig/icons/C/server-s.l.pm
 /usr/opt/APX110/dt/appconfig/icons/C/server.m.pm
 /usr/opt/APX110/dt/appconfig/icons/C/server.t.pm
 /usr/opt/APX110/dt/appconfig/icons/C/simplex.m.pm
 /usr/opt/APX110/dt/appconfig/icons/C/stop.t.pm
 /usr/opt/APX110/dt/appconfig/icons/C/submit.t.pm
 /usr/opt/APX110/dt/appconfig/icons/C/superv.m.pm
 /usr/opt/APX110/dt/appconfig/icons/C/superv.t.pm
 /usr/opt/APX110/dt/appconfig/icons/C/taskbar-i.s.pm
 /usr/opt/APX110/dt/appconfig/icons/C/taskbar-s.s.pm
 /usr/opt/APX110/dt/appconfig/icons/C/taskbar.s.pm
 /usr/opt/APX110/dt/appconfig/icons/C/tree-i.s.pm
 /usr/opt/APX110/dt/appconfig/icons/C/tree-s.s.pm
 /usr/opt/APX110/dt/appconfig/icons/C/tree.s.pm
 /usr/opt/APX110/dt/appconfig/icons/C/tumble.m.pm
 /usr/opt/APX110/dt/appconfig/types/C/pdprint.dt
 /usr/opt/APX110/dt/appconfig/types/C/pdprintadmin.dt
 /usr/opt/APX110/dt/appconfig/types/C/pdprintinfo.dt
 /usr/opt/APX110/lib/nls/msg/C/pdprint.cat
 /usr/opt/APX110/lib/nls/msg/C/pdprintadmin.cat
 /usr/opt/APX110/lib/nls/msg/C/pdprintinfo.cat
 /usr/opt/APX110/share/man/man1/pdprint.1
 /usr/opt/APX110/share/man/man1/pdprintadmin.1
 /usr/opt/APX110/share/man/man1/pdprintadmin.1m
 /usr/opt/APX110/share/man/man1/pdprintinfo.1

APXGW110

/usr/opt/APX110/lib/bsd_dpa.so
 /usr/opt/APX110/lib/pdspvlpr
 /usr/opt/APX110/sbin/in.bsd-gw
 /usr/opt/APX110/scripts/inbound_gw_config.sh
 /usr/opt/APX110/share/man/man1/pdspvlpr.1

APXSVR110

/usr/opt/APX110/bin/trn_textps
 /usr/opt/APX110/lib/nls/msg/C/pdsplr.cat
 /usr/opt/APX110/lib/pdsplr
 /usr/opt/APX110/lib/pdspvr
 /usr/opt/APX110/share/man/man1/pdsplr.1
 /usr/opt/APX110/share/man/man1/pdspvr.1
 /usr/opt/APX110/share/prologues/seppage.ps
 /usr/opt/APX110/share/prologues/seppagev.ps