# Appendix

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#### ① NOTE:

This is a **DRAFT** document which may contain errors!

Help us improve and expand this site.

Please see the **Contrib** section for more details about joining the OpenIndiana Documentation Team.

# 1 Glossary

Term	Definition
Boomer	The code name for the audio driver framework used by OpenIndiana. Its application interface is Open Sound System (OSS) 4 compatible.
Consolidation	A collection of related software which has the scope of a project, historically developed by a dedicated team. OpenIndiana is composed of many consolidations.
g11n	Internationalization and localization consolidation.
illumos	A community maintained derivative of the OpenSolaris OS/NET (ON) source which contains core operating system components, including the kernel, drivers, and basic userland.
oi-userland	A new OpenIndiana consolidation which pulls together many of the old legacy consolidations. This new consolidation greatly simplifies the development of OpenIndiana.
SFE	Spec Files Extra - External 3rd party IPS repository
XNV	The X-Windows consolidation.

# 2 Finding Help and Support

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### 2.1 Local system command line help

- apropos search the manual page names and descriptions
- Used to find keywords in man pages
- find search for files in a directory hierarchy
- info read Info documents

<sup>&</sup>lt; place holder for introduction content >

- A viewer for GNU info pages
- · locate find files by name
- · Uses the mlocate database to find files and folders
- man an interface to the on-line reference manuals (man pages)
- To pipe the output of a man page to a text file use the command: man [manpage] | col
   -x -b > [filename].txt.
- For example: man pkg | col -x -b > pkg.txt

### 3 IPS Command Matrix

Task	IPS Command	apt Equivalent
Install a package	pkg install	apt install
Uninstall a package	pkg uninstall	apt remove
Update all packages	pkg update	apt upgrade
Search for a package	pkg search	apt search
Display installed packages	pkg list	apt list
Display package information	pkg info	apt show
Display package contents	pkg contents	dpkg-query -L
Display publisher	pkg publisher	cat
information		/etc/apt/sources.list.d/*
Add or update a publisher	pkg set-publisher	edit
		/etc/apt/sources.list.d/*
		files
Remove a publisher	pkg unset-publisher	edit
		/etc/apt/sources.list.d/*
		files

# 4 Developing with OpenIndiana

### (i) NOTE:

The book titled "Introduction to Operating Systems: A Hands-On Approach Using the OpenSolaris Project" may be a good resource for helping to complete this part of the handbook.

Ouestions to ask:

- How can OI be used as a development platform?
- What programming tools, languages, etc., are available?
- How can OI be used to further the development of OI itself?

# 5 Software Development Testing

Need to add some guidance about how to add a test repo to test specific packages, etc.