

# Building the Operating System



## Deprecation warning

The page has been migrated to <https://docs.openindiana.org/dev/building-openindiana/> . Avoid touching this wiki page.

## Source repositories

Source repositories for software in OpenIndiana are primarily available on the [Github space](#):

<b>oi-userland</b> Unified build system for OpenIndiana	<b>pkg5</b> Image Packaging System package manager	<b>slim_source</b> Installer for Live images
<b>time-slider</b> Graphical ZFS snapshot manager	<b>nwam-manager</b> Network auto-magic GUI	<b>oi-docs</b> User documentation project

Legacy Mercurial repositories are visible on [hg.openindiana.org](http://hg.openindiana.org).

Upstream repositories available from Oracle or illumos appear on [hg.openindiana.org](http://hg.openindiana.org) as unmodified mirrors.

## Legacy Consolidations

OpenIndiana was originally built from a set of "consolidations" defined as collections of software grouped together.

Primary consolidations listed below have mostly been migrated to oi-userland.

Consolidation	Name	Description
<a href="#">pkg</a>	Image Packaging System	Package management, creation, and publishing software
<a href="#">illumos</a>	illumos	Kernel and core userland
<a href="#">SFW</a>	Solaris Freeware	Bundled open source software
<a href="#">XNV</a>	X Window System	X servers, libraries, and utilities
<a href="#">JDS</a>	Desktop (Java Desktop System)	GNOME and desktop software
<a href="#">Caiman</a>	Slim Install	Installers and live media tools
<a href="#">g11n</a>	Globalization	Internationalisation software
<a href="#">Vpanels</a>	Visual Panels	Server management GUIs

Each consolidation was built differently, with different requirements and procedures, which required teams and more resources.

The migration of consolidations to the unified build system is almost completed: remaining packages are listed on the [migration status page](#).