

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](#):

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

Legacy Mercurial repositories are visible on hg.openindiana.org.

Upstream repositories available from Oracle or illumos appear on 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
pkg	Image Packaging System	Package management, creation, and publishing software
illumos	illumos	Kernel and core userland
SFW	Solaris Freeware	Bundled open source software
XNV	X Window System	X servers, libraries, and utilities
JDS	Desktop (Java Desktop System)	GNOME and desktop software
Caiman	Slim Install	Installers and live media tools
g11n	Globalization	Internationalisation software
VPanels	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](#).