

# Operating systems without systemd

This article lists open source operating systems without systemd in the default installation.

## Android

The Android operating system uses a Linux kernel. [Wikipedia :: Android](#)

- [Android-x86 DW](#) Android O/S, ported to x86 platform (bootable on x86 hardware). Supported architectures: i386, x86\_64
  - [AndEX Oreo 8.1](#) runs apps from Aptoide App Manager and Google Play Store on touchscreen x86 laptop
- [AOSP](#) Android Open Source Project
- [LineageOS \(2\)](#) successor of CyanogenMod
- [Replicant \(2\)](#) is the free (libre) version of Android. [FSF-approved](#)

## BSD projects

### FreeBSD

- [FreeBSDDW](#) amd64, arm, i386, and so on
  - [BSD Router ProjectDW](#) (BSDRP) an embedded free and open source router distribution; i386, amd64
  - [ClonOSDW](#) platform for virtual environment creation and management; amd64
  - [GhostBSDDW](#) amd64; [GTK3](#) graphical libraries featured
  - [HardenedBSDDW \(3\)](#) a security-enhanced fork of \*\*FreeBSD; amd64
  - [MidnightBSDDW \(3\)](#) [GNUstep](#) graphical libraries featured
  - [TrueOS](#) (formerly: [PC-BSD](#)) OpenRC; desktop/workstation oriented; [Lumina](#) desktop environment; amd64 (the “Pico” release also supports arm)
  - FreeBSD subprojects tailored for embedded devices
    - [FreeNASDW](#)
    - [NAS4FreeDW](#)
    - [OPNsenseDW](#) (based on FreeBSD and pfSense) tailored for firewalls and routers. amd64 and i386
    - [pfSenseDW](#) virtual appliances as liveUSB or embedded devices
    - [RaspBSDDW](#) special build of FreeBSD (2016) for RaspberryPi and other embedded devices; desktops: Openbox and LXDE; armhf

### Other BSDs

See also [Wikipedia:Comparison of BSD operating systems](#)

- [DragonFlyBSDDW](#)
- [NetBSD\(2\)](#) emphasizes portability, across [many](#) architectures
  - [MirBSD](#) aka “MirOS”

- [OpenBSDDW](#) emphasizes portability, standardization, correctness, proactive security and integrated cryptography
  - [Bitrig \(2\)](#) focuses on using modern tools, e.g. git and LLVM/clang; and targets only modern platforms, e.g. amd64, armv7
  - [Fuguita](#) (architecture: i386) Japanese
- [PureDarwin](#)

## UNIX-like systems other than Linux or BSD

- Hurd
  - [Arch GNU/Hurd](#)
  - [Debian GNU/Hurd](#)
  - [GNU/Hurd](#)
- [Inferno](#)
- [MINIX \(2\)](#) microkernel O/S, with user mode divided into small, insulated modules to enhance system reliability
- illumos (formerly OpenSolaris) derivatives
  - [DiIos](#)
  - ~~OmniOS~~ [OmniOS Community Edition](#) (illumos)
  - [OpenIndiana\(2\)](#) (modern OpenSolaris, illumos)
  - [SmartOS\(2\)](#) (illumos)
  - [Tribblix \(2\)](#) an OpenSolaris-derived distribution with a retro feel, based on the illumos core
  - [v9os \(2\)](#) server-only, IPS-based minimal SPARC distribution of illumos
  - [XStreamOS\(2\)](#) (illumos kernel)
- Plan 9 derivatives
  - [9atom](#)
  - [9front](#)
  - [9legacy](#)
  - [Harvey OS](#)
  - [Plan 9 from Bell Labs](#) ([mirror](#))
  - [Plan B](#)
- [Redox](#)
- [Sortix](#)

## Non-UNIX-like operating systems

- [Akaros](#)
- [AmayaOS](#)
- [AROS Research Operating System](#)
- [FreeDOS](#)
- [FreeVMS](#)
- [Genode](#) (also: [SculptOS](#))
- [HaikuDW](#)
- [HelenOS](#)
- [KolibriOSDW](#)

- [MenuetOS](#)
- [Minoca OS](#)
- [NitrOS-9](#)
- [Oberon](#)
- [osFree \(2\)](#) open source OS/2 analogue
- [ReactOSDW](#)

## See also

- [DistroWatch search](#)
- [OS for PPC](#) lists non-systemd-encumbered operating systems for PowerPC
- [OS for Sparc64](#) lists non-systemd-encumbered operating systems for Sparc64

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Last update: **2020/01/15 20:59**

