A volunteer based 501c(3) non-profit organization that helps open-source projects thrive

BlissLabs’ goal is to create and maintain various open source operating systems and other software that helps to extend the life of devices in order to help with the world's e-waste problems.

BlissLabs maintains BlissOS and other OSS softwares

Not a bunch of projects, but a very matured open source org with a proper org structure.
BlissLabs - Mission

- We work to mentor and teach future open source developer's in all aspects of development and design, including animation.
- We form alliances with other projects that share in our visions.
- We develop tools to help minimize the complex development process and aid in learning.
- We act as a global fiscal host for open source projects, allowing for a much larger opportunity to work with others globally and increase user base.
Region - Continent - Asia, North America, South America, Europe, Oceana, Middle-East, Eurasia.
Age group - 13 - 60
Students - Professionals - Retirees
Women - Men - LGBT - Differently Abled in key positions like CFO, CPO, CTO.
Education - Middle school to PhD
6 Million+
Downloads till Date (2023)
Across BlissLabs’ Suite of Projects
BlissLabs

What we represent now
Bliss Labs - Project portfolio

- **Bliss OS & Bliss OS Go** - “Unified android experience irrespective of hardware”
  - Android-x86 OS for Intel & AMD x86_64v2 devices
- **Waydroid** - “Android integration with Linux - light weight”
  - Containerized approach for Android on Linux (using Wayland)
- **Android-Linux hybrid** - “Control fully from Linux, but at the same time run as an independent hardware-accelerated OS”
- **SmartDock** - “Desktop experience like windows/chromeOS for android”
  - FOSS Desktop UI app for Android - multiwindow, taskbar, dock etc.
- **XT Mapper** - “Only OSS gaming focused keymapper for android”
  - FOSS on-screen keymapper solution for Android
- **Supreme Gamers** - “Android-x86 Development community who made - installer, recovery solutions etc”
- **Boringdroid** - “Complete OSS Desktop UI solution for AOSP built into source”
- **Bliss Bass** - “Production ready example of Android on x86 hardware, based on BlissOS, adding further customization/configuration, rebrandability and built to be used with our build automation toolkits.”
- **Android-Generic Project** - “Easy button for Bliss OS build” . Rapid Prototyping toolkit for Android-x86 based builds.
- **BlissROM** - Custom Android OS for mobile devices
Matured Process model

- Build
- Testing
- Release
- Documentation - dev & users
- Post release support

BlissLabs Process
Popular OSS products having links with our projects

- BlendOS - Waydroid
- Ubuntu web - Waydroid & Android-Generic
- Ubuntu Touch - Waydroid
- Prime OS - Uses Android-Generic
- Android-x86 - We supply team resources, build servers, development, etc.
Attending Conference
Hardware for testing
Hardware for development (Personal equipment)
Hardware build / web servers
Communication server (slack/discord/gsuite/telegram)
Software services - storage(sourceforge,gdrive),
dev(gitlab,github),process(jira,confluence,trello)-atlassian suite, Web
servers (google,github,update-ota)

BlissLabs - Support for sub projects
Bliss OS

“Android for your PC”
An Android-based open source OS that incorporates many optimizations, features, and modular device support for x86 based PC hardware and peripherals.
Mainline Linux based with Android x86 patches
Features - Desktop UI, changes for x86 hardware, custom HAL’s, etc.
Generic Builds (one .iso to rule them all)
Tons of customization options included
Low-resource based subsystem
High performance on x86 based hardware
Added Linux tools integrated with Android (Termux, networking & device configuration, etc)
DIVERSE TYPE OF USE-CASES

- Kiosk
- Mobile
- PC’s (new & older)
- Gaming
- Automotive display
- POS/CFD
- Menu Displays
- Ad Displays

- TV/Large Screen
- IOT/IIOT
- Industrial Displays
- GAMING
- Component Displays
Bliss OS - Apache v2/GPLv2/GPLv3

- Using Bliss OS using **as is** - free and open source anywhere.
- Using Bliss OS using **modified and source code released** - still comes as open source.
- Open for anyone to use the project; coming to BlissLabs in request for consultation/modification is not required.
- Small per-device or perpetual licensing cost for those that are using a modified source, and do not wish to release source code.

Bliss OS licensing and Funding
- EIDU - Pilot Programs
- Companies using it in products
- Shortlisted by SourceForge multiple times as Featured project.
- More devices added - More reach across different segments

Milestones - Achievements
- You can find Demo Videos on our website
- You can download an ISO for Android 11, 12 & 13 from the website too

DEMO BLISS OS - https://blissos.org
New Release (version) happening just after the talk

Key Features

- Bliss OS v17.0 (Android 14)
- Initial features ported from A13 to A14
WHAT TO EXPECT IN NEAR FUTURE

▶ Product -
  ▶ More device groups - Raspi, RISCV
  ▶ More features -
    ▶ Moving towards Linux hybrids
    ▶ More independent and complete FOSS ecosystem.
    ▶ OSS tools/sw
    ▶ Custom FOSS app store
    ▶ Edge/IOT/IIOOT

▶ Process
  ▶ Documentation even for newbies
  ▶ Improved/automated installation support
  ▶ Fine tune already AI enabled support chat bot increase user support automation.
- Contests
- Easter Eggs
- Goodies
- Git points
- Blissify videos link in the blisslabs site
Opportunities

- Internships
- Mentorship
- Matured org
- Open roles (paid) - hopefully soon - eg:- web development, server maintenance, project management, HR, finance, developer etc.
- Contributors (can get mileage for next move or can be absorbed)
- Ease of joining
- Inclusive, healthy culture. (ego & drama free)
- Democracy and flat structure
THANK YOU

WHERE TO FIND US

**BlissLabs** - blisslabs.org
- Facebook
- Telegram
- Discord
- LinkedIn
- X (Twitter)

**Bliss OS** - blissos.org
- Matrix
- Telegram
- X (Twitter)
- Discord
- XDA

Get in Touch!