

# Vanilla os

i came across vanilla os in a yt video and it appears to be really interesting. i quite like gnome as a base and im thinking this is potentially one of the best options in the future if they stick with it. also theres only two updates per year and a rolling release but you have to manually enable rolling releases

tl;dr

its stable asf, and you can run any app on it!

## **Vanilla OS: A Unique Solution to Distro Hopping and the Future of Software Installation**

Vanilla OS is a Linux distribution that aims to resolve the common practice of distro hopping. This term refers to the habit among Linux users of switching between different Linux distributions to find the perfect balance of stability, hardware support, and application access. Vanilla OS offers all these features within a single, highly stable base.

What sets Vanilla OS apart is its approach to software installation. It introduces 'apx', a package manager that allows software installation from any source by installing them onto distro containers. This means that Vanilla OS can run virtually any software developed for Linux, effectively addressing the issue of distro packaging fragmentation. This unique combination of features positions Vanilla OS as a potential game-changer in the Linux ecosystem.

### **Intuitive User Experience**

Vanilla OS prioritizes user-friendliness in its design. The intuitive installer guides users through the necessary steps, and post-installation, users can customize their experience, choosing between dark and light mode, enabling support for Flatpak and AppImage, and selecting their preferred apps. This user-centric approach makes Vanilla OS accessible to both beginners and technically inclined users.

### **Immutability and Atomicity: Enhancing Security and Stability**

One of the distinguishing features of Vanilla OS is its immutable and atomic nature. The base system is locked down, preventing both applications and users from writing to it, except for certain directories like the home folder or partition and the /etc and /var directories. This design principle significantly bolsters the system's security.

Updates in Vanilla OS are applied atomically, meaning each update either completes successfully or, if any issue arises, the entire operation is reverted, leaving the system unaltered. This ensures that any reboot will either return the system to its previous state or update it successfully.

## Is Vanilla OS the Future of Linux Distributions?

Vanilla OS represents a promising concept that could potentially shape the future of Linux distributions. It provides access to virtually all Linux-developed software at native speeds within a highly stable base. However, it's not a one-size-fits-all solution. Users who only need software from FlatHub may not require Vanilla OS, and those unfamiliar with the command line or the concept of containers might find it challenging to use. However, with further development, such as a graphical layer on 'apx' for intuitive software installation from containers, Vanilla OS could become an optimal solution for users seeking extensive software access without compromising system stability

for anyone who cares this one was written with ai, modified by me...

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Revision #3

Created 5 July 2023 10:11:47 by naruzkurai

Updated 5 July 2023 10:27:39 by naruzkurai