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"We have processed fixes for the top
100 open source repositories"

—Nitish Shrivastava, SVP and Head of Products Business at Persistent Systems

The Importance Of
Explainable AI In The
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Microsoft open sources Windows Subsystem for Linux

At its annual BUILD conference, Microsoft announced that the Windows Subsystem for Linux (WSL) is now open source—nearly a decade after its initial development began. The source code is already available on GitHub, marking a major milestone for one of Microsoft’s most developer-focused technologies.



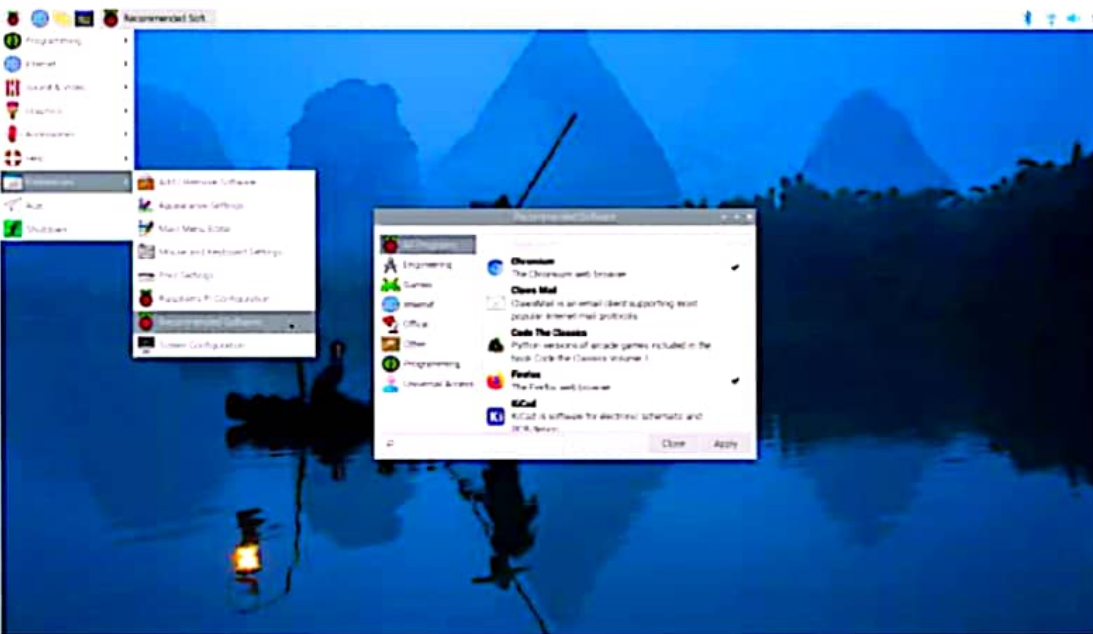
WSL enables users to run full Linux distributions, such as Ubuntu, directly within Windows, offering deep integration with Windows’ file system, tools, and hardware. It provides developers with a powerful and flexible environment for cross-platform development without the need for dual-boot setups or separate virtual machines.

By open sourcing WSL, Microsoft aims to accelerate its development through greater community collaboration. The move invites developers, contributors, and organisations to help shape the future of WSL, improve compatibility, and extend its capabilities.

This announcement was part of a broader wave of open source initiatives shared at BUILD.

Raspberry Pi OS update comes with several enhancements and new features

The Raspberry Pi Foundation has released an updated version of its Debian-based Raspberry Pi OS, introducing several improvements aimed at improving usability—particularly for touchscreen users and those working in Wayland. A new custom screen lock front end has been added, offering better user feedback during the locking process. Users can now lock the screen via *Ctrl+Alt+L* or by selecting ‘Lock Screen’ in the ‘Shutdown...’ menu. A modern Printers utility replaces the older system-config-printer tool, simplifying printer management and connectivity. Users can now choose between mouse emulation and native touchscreen behaviour through the *Touchscreen > Mode* setting in the Screen Configuration app—enhancing input accuracy and responsiveness.



The updated Squeekboard virtual keyboard allows touchscreen users to select which screen it appears on when using multi-monitor setups, configurable via the *Display* tab in the Raspberry Pi Configuration app.

“The main disadvantage of no longer using mouse emulation is that it isn’t possible to double-click by tapping the screen twice, and this makes navigation

in the file manager rather difficult,” said Simon Long. “There are a couple of workarounds specific to the file manager: you can enable ‘Open files with single click’ in the file manager preferences or use a tap-and-hold to open the context-sensitive menu and then choose ‘Open’.”

Among other noteworthy changes, the new Raspberry Pi OS release separates console (CLI) and desktop auto login options, allowing users to choose between them in the Raspberry Pi Configuration and raspi-config apps.

You can download the new Raspberry Pi OS release right now from the official website. Raspberry Pi OS supports all Raspberry Pi models, including Raspberry Pi 1A+, 1B+, 2B, 3B, 3B+, 3A+, 4B, 400, CM1, CM3, CM3+, CM4, CM4S, Zero, Zero W, and Zero 2 W.

Linux Foundation and OpenSSF unveil Cybersecurity Skills Framework

The Linux Foundation, in collaboration with the Open Source Security Foundation (OpenSSF) and Linux Foundation Education, has released the Cybersecurity Skills Framework—a global reference designed to help organisations identify and strengthen key cybersecurity competencies across a broad range of IT roles, not just among cybersecurity specialists.



As cyber threats become more complex and widespread, many enterprises struggle to align job roles with the practical skills required to effectively defend their systems. Despite cybersecurity ranking among the top three most in-demand tech roles, significant talent gaps persist. According to the Linux Foundation’s 2024 *State of Tech Talent Report*, 64% of organisations report that candidates lack essential skills, with the average time to hire and onboard new technical staff stretching to 10.2 months. Additionally, research shows 62% of open source projects lack dedicated personnel for security incident response, even though 74% have formal reporting processes in place.

These challenges reflect a wider industry issue: a growing awareness of cybersecurity threats, but not enough skilled personnel to meet them—often due to unclear role expectations and disjointed training paths. The Cybersecurity Skills Framework helps enterprise leaders understand the cybersecurity skills needed across IT functions, identify internal skills gaps, and embed cybersecurity competencies into a wider range of technical roles.

The framework outlines expectations across foundational, intermediate, and advanced proficiency levels, mapping them to recognised standards such as DoD 8140, the CISA NICE Framework, and the ICT e-CF. It’s designed for flexibility and can be customised by industry, region, or organisational size. A free, user-friendly web interface enables users to tailor the framework to their needs—adding, removing, or reclassifying skills as required.

Developed through a global research initiative, the framework incorporates insights from cybersecurity educators, government advisors, certification bodies, and open source security leaders.

Steve Fernandez, general manager at OpenSSF, said: “Our framework gives organisations a straightforward way to identify gaps and prioritise the security skills that matter most, based on role and responsibility—not just checklists. It’s about building real-world resilience.”

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