today's leftovers

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* x86 Straight-Line Speculation Mitigation Patches Updated For Linux - Phoronix [2]

A year after Arm processors began mitigating straight-line speculation, Linux developers have been working on similar straight-line speculation mitigations for x86/x86_64 processors.

The past few months we have been seeing Linux kernel and GCC and LLVM/Clang patches around straight-line speculation mitigation for Intel / AMD processors. The issue at hand is over processors speculatively executing instructions linearly in memory past an unconditional change in control flow.

* EPEL 9 Ready To Provide Extra Packages For RHEL 9, CentOS Stream 9 - Phoronix [3]

launched and that effectively serving as the bleeding-edge of the RHEL9 upstream, EPEL 9 has already launched.

Extra Packages for Enterprise Linux "EPEL" continues to provide a vast assortment of packages to complement the official packages in the RHEL/CentOS repository. EPEL packages continue to be derived from their Fedora counterpart and simply augment what is available to RHEL / CentOS (and Oracle Linux, et al) users.

* Raku Advent Calendar: Day 5 ? Santa Claus is Rakuing Along [4]

* There is a surge in Linux gamers with the release of Windows 11 [5]
The surge can also be due to the Steam Deck effect.

- **XWayland Adds Support For Touchpad Gestures - Phoronix [6]**

  XWayland is increasingly great shape especially when it comes to fulfilling the needs of gamers with simply running games lacking native Wayland support with great speed. But when it comes to other use-cases there are occasionally gaps and areas not yet fulfilled by XWayland versus the conventional X.Org Server. One of the latest examples of a feature now correctly wired up is touchpad gesture handling.

  Should you be a fan of touchpad gestures, they should now be working under XWayland.

  Developer Povilas Kanapickas implemented support for touchpad gestures within the XWayland code that is now in the xservr Git tree. Povilas noted, "The implementation is relatively straightforward because both wayland and Xorg use libinput semantics for touchpad gestures."

- **178: Blender 3.0, EndeavourOS, CentOS Stream 9, Steam Deck, NixOS, CrossOver | This Week in Linux [7]**

  On this episode of This Week in Linux, a brief note about Linus Tech Tips reaction videos, Blender 3.0, EndeavourOS, CentOS Stream 9, NixOS 21.11, Open 3D Engine, Heroic Games Launcher, Steam Deck, Fedora, Fedora Linux, Red Hat, RHEL, Ventoy 1.0.62, CrossOver 21.1, SDL 2.0.18, Xen Project 4.16, Tesseract 5.0, and Neovim 0.6.0. All that and much more on Your Weekly Source for Linux GNews!