FOSS / Linux News!

2024.10.09

Linux Plumbers Conference 2024

Sept 18 - 20 in Vienna, Austria

Playlist of all presentations:
https://www.youtube.com/playlist?list=PLVsQ_xZBEyN0XmmLaDFQEnuEu5HKSobpy

Python 3.13!

- New interactive interpreter
- Improved error messages
- CPython has experimental support for free-threaded mode, GIL disabled
- Experimental Just-In-Time (JIT) compiler

+ Many other things, see the article for full list

Linus Torvalds annoyed with bcachefs PR

"Bcachefs is an advanced new filesystem for Linux, with an emphasis on reliability and robustness and the complete set of features one would expect from a modern filesystem."

https://lore.kernel.org/lkml/172816780614.3194359.10913571563159868953.pr-tracker-bot@kernel.org/T/

"You have exactly two choices here:

(a) play better with others

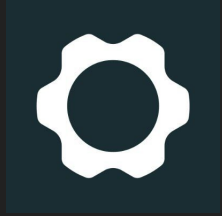(b) take your toy and go home

Those are the choices.

    Linus"

Nvidia publishes code for vGPU support

https://lore.kernel.org/kvm/20240924164151.GJ9417@nvidia.com/T/#m219a950
3d570772306defac223545c006d43cb0a

- Linux kernel patches to enable Nvidia vGPU software support
- vGPU approach: Split a physical GPU into virtual GPUs that can be assigned to multiple concurrently running virtual machines

RISC-V Framework laptop

https://frame.work/blog/introducing-a-new-risc-v-mainboard-from-deepcomputing

"DeepComputing RISC-V Mainboard uses a JH7110 processor from StarFive which has four U74 RISC-V cores from SiFive"

Linux kernel starting to have patches to support this

Juno Tab 3 Linux Tablet

New Linux tablet - https://junocomputers.com/juno-tab-3/

- Debian based Mobian Linux / Ubuntu 24.04 LTS
- Intel N100 Celeron
- 12 GB LPDDR5 RAM
- 12.1" IPS touchscreen

Winamp open sourced

https://github.com/WinampDesktop/winamp/issues

https://about.winamp.com/press/article/winamp-open-source-code