More RadeonSI Optimizations Land In Mesa 22.0 - Phoronix

Well known AMD OpenGL open-source driver developer Marek Olák managed to land yet more performance optimizations this week into Mesa 22.0.

Even with many strides made to Mesa this autumn around optimizing workstation OpenGL performance with a focus on workload exposure from SPECViewPerf, Marek is continuing into the holiday season with more optimizations abound. The changes are building up for Mesa 22.0 that will be released in Q1.

What is a kernel and why does it matter? - Nation Online

Spend enough time around Android, or even PCs, and eventually, you will come across the term, the Linux kernel. Android uses the Linux kernel too. In fact, it's an integral part of the way your phone works, but what is it?

The ?Linux? part is easy enough to understand ? it is a play-on-words between Linus and Unix, as in Linus Torvalds, the original creator of the Unix-like OS we call Linux. But kernel? What is a kernel in computers and other devices? What do we mean by the Linux kernel? Let's find out!

In a nutshell, a kernel is the core program that manages your phone's CPU resources, the system memory, and the system devices (including the file systems and networking). It is also responsible for managing all the processes or tasks that are running on your smartphone. That means that when you start an app, it is the kernel that loads the app into memory, creates the processes needed, and starts the app running. When an app needs memory, it is the kernel that allocates it. When the app wants networking, it is the kernel that does all the low-level
A kernel is the core program that manages your phone's CPU resources, memory, and system devices.

- **Linux Cinema...The Silence Of The Fans - Invidious** [4]
  
  This epic movie event is a re-telling of the classic Silence Of The Lambs. Starring DT and Sir Anthony Hopkins, The Silence Of The Fans deals with a horror much more terrifying than crazed, cannibalistic serial killers. W

- **PopOS is making a NEW DESKTOP, and it's GREAT for Linux - Invidious** [5]
  
  Earlier this month, a POPOS desktop engineer casually dropped on a reddit conversation that PopOS would prefer to develop their own desktop, using RUST, so let's see why that's amazing!

  
  This is a weekly report from the CPE (Community Platform Engineering) Team. If you have any questions or feedback, please respond to this report or contact us on #redhat-cpe channel on libera.chat (https://libera.chat/).