Linux 5.7 Developments

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Linux 5.7 Staging’s Spring Cleaning Sees Almost 30k Lines Of Code Dropped

The staging/IO pull sent in for the Linux 5.7 merge window saw 20.1k lines of code added but 47.9k lines of code removed. Coming in nearly thirty-thousand lines of code lighter is largely thanks to - Dropping Wireless USB and Ultra Wideband support. UWB and WUSB support was cleared out of staging with this technology no longer being of much relevance/adoption and the code within the tree not being maintained. Also flushed out of staging was dropping the existing exFAT file-system driver now that via the VFS tree will be the new Samsung-developed exFAT Linux driver. Also being cleared out with this spring cleaning is the ancient HP 100BaseVG AnyLAN driver from the 90's.

IO_uring Sees More Improvements With Linux 5.7 For This Exciting I/O Tech

Within minutes of Linux 5.6 being released on Sunday evening, Jens Axboe was already with sending in the start of the various storage areas to the kernel that he oversees with their feature updates for Linux 5.7.

IO_uring is one of the most exciting happenings in the Linux storage space since its introduction last year in Linux 5.1. With succeeding kernels, IO_uring has continued seeing more features implemented, performance optimizations, and other improvements. That is continuing to happen with the Linux 5.7 kernel now in development.