

Linux 3.16 File-System Tests On A Hard Drive

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Created 08/07/2014 - 7:05pm

Submitted by Rianne Schestowitz on Tuesday 8th of July 2014 07:05:11 PM Filed under [Graphics/Benchmarks](#) [1]

In complementing the earlier Linux 3.16 file-system tests on an SSD (and the later Btrfs testing), here are benchmarks of EXT4, XFS, and Btrfs from the Linux 3.15 and 3.16 kernels being compared from a traditional rotating hard drive.

As has become common practice at Phoronix, for each new development kernel we end up benchmarking the most commonly used, mainline Linux file-systems on a hard drive and solid state drive. With the SSD results out there in the aforelinked articles, in this article are results using a high-performance Western Digital HDD from a Core i7 Haswell system running Ubuntu and comparing the mainline stable Linux 3.15 kernel against a daily snapshot of Linux 3.16 from this week.

[2]

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[1] <http://www.tuxmachines.org/taxonomy/term/148>

[2] http://www.phoronix.com/scan.php?page=article&item=linux_316_hdd&num=1