

Re: [RFC PATCH] UBIFS – new flash file system

Source: <http://linux.derkeiler.com/Mailing-Lists/Kernel/2008-04/msg07094.html>

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On Thu, 27 Mar 2008, Artem Bityutskiy wrote:

UBIFS mount time is considerably faster as well. For example, In case of OLPC we observed 10–15 seconds faster boot time comparing to JFFS2 (fast mount, no full media check).

The mount time compared to JFFS2 on a 700MiB partition went down from 1min40s to 5sec on the same hardware. Pretty impressive

UBIFS is quite complex because it is difficult to maintain indexing information on the flash media and be fast at the same time. Please, refer the UBIFS white paper for information about UBIFS design.

We did some initial stress tests and so far it looks pretty robust.

Great job !

Thanks,
tglx

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