

Re: Reiser4 status: benchmarked vs. V3 (and ext3)

Source: <http://linux.derkeiler.com/Mailing-Lists/Kernel/2003-07/1598.html>

From: Jussi Laako (jussi.laako_at_pp.inet.fi)

Date: 07/26/03

To: Yury Umanets <umka@namesys.com>

Date: 26 Jul 2003 20:14:57 +0300

On Sat, 2003-07-26 at 10:19, Yury Umanets wrote:

> > *So basically we do have pretty powerful hardware with huge storage and*
> > *memory and now need a FS which is fast and reliable even on flash*
> > *memory. JFFS2 is nice but way too slow once one has bigger sizes.*
>
> *I think this is more than enough for running reiser4. Reiser4 is a linux*
> *filesystem first of all, and linux is able to be ran on even worse*
> *hardware then you have.*

Most Linux filesystems can't be used properly with flash devices because of inability to handle write errors caused by flash wearing out. FS should mark the block as bad and relocate the data. Some devices report "read correctly, but had ECC" and when such happens data should also be relocated to not worn-out place and block marked as bad.

--

Jussi Laako <jussi.laako@pp.inet.fi>

-

To unsubscribe from this list: send the line "unsubscribe linux-kernel" in the body of a message to majordomo@vger.kernel.org

More majordomo info at <http://vger.kernel.org/majordomo-info.html>

Please read the FAQ at <http://www.tux.org/lkml/>