

Re: [ext3][kernels >= 2.6.20.7 at least] KDE going comatose when FS is under heavy write load (massive starvation)

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*Source:* <http://linux.derkeiler.com/Mailing-Lists/Kernel/2007-04/msg10480.html>

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  - *Date:* Fri, 27 Apr 2007 08:54:47 -0700 (PDT)
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On Fri, 27 Apr 2007, John Anthony Kazos Jr. wrote:

Could[/should] this stuff be changed from ratios to amounts? Or a quick boot-time test to use a ratio if the memory is small and an amount (like tax brackets, I would expect) if it's great?

Yes, the "percentage" thing was likely wrong. That said, there *\*is\** some correlation between "lots of memory" and "high-end machine", and that in turn tends to correlate with "fast disk", so I don't think the percentage approach is really *\*horribly\** wrong.

The main issue with the percentage is that we do export them as such through the /proc/ interface, and they are easy to change and understand. So changing them to amounts is non-trivial if you also want to support the old interfaces – and the advantage isn't obvious enough that it's a clear-cut case.

Linus

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