

Re: BUG-lockdep and freeze (was: Arrr! Linux 2.6.18)

Source: <http://linux.derkeiler.com/Mailing-Lists/Kernel/2006-09/msg09169.html>

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 - *Date:* Sat, 30 Sep 2006 23:25:24 +0200
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* Linus Torvalds <torvalds@xxxxxxx> wrote:

It could – and `_should_ dammit!` – do some basic sanity tests like "is the thing even in the same stack page"? But nooo... It seems `_designed_` to be fragile and broken.

Here's a simple test: if the next stack-slot isn't on the same page, the unwind information is bogus unless you had the IRQ stack-switch signature there. Does the code do that? No. It just assumes that unwind information is complete and perfect.

fully agreed – i have pointed out areas of conceptual fragility to Jan early on:

<http://lkml.org/lkml/2006/6/2/59>

(but AFAICS i got no reply to that mail – i missed that in the lockdep flurry.)

Ingo

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