
Subject: Re: [PATCH] Bogus KERN_ALERT on oops
Posted by [Alexey Dobriyan](#) on Wed, 24 Oct 2007 11:39:09 GMT
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On Wed, Oct 24, 2007 at 12:33:18PM +0200, Ingo Molnar wrote:

```
>
> * Pekka Enberg <penberg@cs.helsinki.fi> wrote:
>
> > > -          printk(KERN_ALERT "*pde = %016Lx ", page);
> > > +          printk(KERN_ALERT "*pde = %016Lx ", page);
> >
> > Use the new KERN_CONT annotation here?
>
> indeed - i changed the patch to do that.
```

Might as well change comment around KERN_CONT -- for starters it lied about "early bootup" phase since day one.

Proposed text:

```
/*
 * Annotation for a "continued" line of log printout (only done
 * after a line that had no enclosing \n).
 *
 * Introduced because checkpatch.pl couldn't be arsed to learn C
 * and distinguish continued printk() from the one that starts
 * new line.
 *
 * Caveat #1: Empty string-literal, so compiler can't check for
 * KERN_CONT misuse.
 * Caveat #2: Empty string-literal, so it can't be used in
 * printk(var); situations.
 * Caveat #3: takes characters on the screen, so code is harder
 * to read.
 * Caveat #4: checkpatch.pl doesn't know C, so it can't check
 * for KERN_CONT misuse, anyway.
 */
```