

Re: 2.6.25-rc7-git5: Reported regressions from 2.6.24

Source: <http://linux.derkeiler.com/Mailing-Lists/Kernel/2008-03/msg12118.html>

- *From:* Mark Lord <lkml@xxxxxx>
 - *Date:* Mon, 31 Mar 2008 15:24:10 -0400
-

Adrian Bunk wrote:

On Mon, Mar 31, 2008 at 01:48:15PM -0400, Mark Lord wrote:

Rafael,

Add this one to the list?

That's not a regression from 2.6.24

..

2.6.24 does not flood my syslog with those messages.
2.6.25-rc* does. Looks like a regression.

The original bug was a hidden regression in 2.6.23,
which nobody bothered to identify until now.

Just because some code "gets away with" a regression
for a kernel or two, doesn't mean that regression shouldn't be fixed.

Cheers

* * * * *

Subject: + driver-core-fix-uevent-action-string-regression.patch added to
-mm tree
From: akpm
To: mm-commits
Date: 28/03/08 07:51 PM

Re: 2.6.25-rc7-git5: Reported regressions from 2.6.24

The patch titled
driver core: fix uevent action-string regression
has been added to the -mm tree. Its filename is
driver-core-fix-uevent-action-string-regression.patch
...

The current -mm tree may be found at
<http://userweb.kernel.org/~akpm/mmotm/>

Subject: driver core: fix uevent action-string regression
From: Mark Lord <lkml@xxxxxx>

On boot, syslog is flooded with "uevent: unsupported action-string;"
messages.

..
Mar 28 14:43:29 shrimp kernel: tty ptyqd: uevent: unsupported
action-string; this will be ignored in a future kernel version
Mar 28 14:43:29 shrimp kernel: tty ptyqe: uevent: unsupported
action-string; this will be ignored in a future kernel version
Mar 28 14:43:29 shrimp kernel: tty ptyqf: uevent: unsupported
action-string; this will be ignored in a future kernel version
Mar 28 14:43:29 shrimp kernel: tty ptyr0: uevent: unsupported
action-string; this will be ignored in a future kernel version

These messages are a regression compared with 2.6.24, which did not flood
the
syslog with them.

The actual underlying problem was introduced in 2.6.23, when somebody
made the
string parsing no longer accept nul-terminated strings as a valid input to
store_uevent().

Eg. "add\0" was valid prior to 2.6.23, where the code regressed to require
"add" without the '\0'.

This patch fixes the 2.6.23 / 2.6.24 regressions, by having the code once
again tolerate the trailing '\0', if present.

According to GregKH, this mainly affects older Ubuntu systems, such as the
one
I have here that requires this fix.

Signed-off-by: Mark Lord <mlord@xxxxxxxxxx>
Cc: Greg KH <greg@xxxxxxxxxx>
Cc: Kay Sievers <kay.sievers@xxxxxxxxxx>
Cc: <stable@xxxxxxxxxx>
Signed-off-by: Andrew Morton <akpm@xxxxxxxxxxxxxxxxxxxxxxxx>

Re: 2.6.25-rc7-git5: Reported regressions from 2.6.24

lib/kobject_uevent.c | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

diff -puN
lib/kobject_uevent.c~driver-core-fix-uevent-action-string-regression
lib/kobject_uevent.c

a/lib/kobject_uevent.c~driver-core-fix-uevent-action-string-regression
+++ a/lib/kobject_uevent.c
@@ -59,7 +59,7 @@ int kobject_action_type(const char *buf,
enum kobject_action action;
int ret = -EINVAL;

- if (count && buf[count-1] == '\n')
+ if (count && (buf[count-1] == '\n' || buf[count-1] == '\0'))
count--;

if (!count)

-

Patches currently in -mm which might be from lkml@xxxxxx are

driver-core-fix-uevent-action-string-regression.patch

cu
Adrian

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