[PATCH] tty: serial: add error handling for try_module_get
3 messages

Zhouyang Jia <jiazhouyang09@gmail.com>   Tue, Jun 12, 2018 at 12:50 AM
Cc: Zhouyang Jia <jiazhouyang09@gmail.com>, Jason Wessel <jason.wessel@windriver.com>, Daniel Thompson <daniel.thompson@linaro.org>, Greg Kroah-Hartman <gregkh@linuxfoundation.org>, Jiri Slaby <jslaby@suse.com>, kgdb-bugreport@lists.sourceforge.net, linux-serial@vger.kernel.org,
linux-kernel@vger.kernel.org

> When try_module_get fails, the lack of error-handling code may
> cause unexpected results.

> This patch adds error-handling code after calling try_module_get.

> Signed-off-by: Zhouyang Jia <jiazhouyang09@gmail.com>
> ---
> drivers/tty/serial/kgdboc.c | 6 ++++--
> 1 file changed, 4 insertions(+), 2 deletions(-)

> diff --git a/drivers/tty/serial/kgdboc.c b/drivers/tty/serial/kgdboc.c
> index b4ba2b1..641e22a 100644
> --- a/drivers/tty/serial/kgdboc.c
> +++ b/drivers/tty/serial/kgdboc.c
> @@ -286,8 +286,10 @@ static void kgdboc_pre_exp_handler(void)
>   con_debug_enter(vc_cons[fg_console].d);
>   }
>   /* Increment the module count when the debugger is active */
> -   if (!kgdb_connected)
> -   try_module_get(THIS_MODULE);
> +   if (!kgdb_connected) {
> +   if (!try_module_get(THIS_MODULE))
> +   printk(KERN_ERR "kgdboc: cannot get module.\n");
> +   }
> }

> static void kgdboc_post_exp_handler(void)
> --
> 2.7.4

Greg Kroah-Hartman <gregkh@linuxfoundation.org>   Tue, Jun 12, 2018 at 2:30 AM
To: Zhouyang Jia <jiazhouyang09@gmail.com>

[Quoted text hidden]
> --
> To unsubscribe from this list: send the line "unsubscribe linux-serial" in
> the body of a message to majordomo@vger.kernel.org
> More majordomo info at http://vger.kernel.org/majordomo-info.html

Hi,

This is the friendly semi-automated patch-bot of Greg Kroah-Hartman.
You have sent him a patch that has triggered this response.

Right now, the development tree you have sent a patch for is "closed"
due to the timing of the merge window. Don't worry, the patch(es) you
have sent are not lost, and will be looked at after the merge window is
over (after the -rc1 kernel is released by Linus).

So thank you for your patience and your patches will be reviewed at this
later time, you do not have to do anything further, this is just a short
note to let you know the patch status and so you don't worry they didn't
make it through.

thanks,

greg k-h's patch email bot

Andy Shevchenko <andy.shevchenko@gmail.com>   Tue, Jun 12, 2018 at 4:23 AM
To: Zhouyang Jia <jiazhouyang09@gmail.com>
Cc: Jason Wessel <jason.wessel@windriver.com>, Daniel Thompson <daniel.thompson@linaro.org>, Greg Kroah-Hartman <gregkh@linuxfoundation.org>, Jiri Slaby <jslaby@suse.com>, kgdb-bugreport@lists.sourceforge.net, "open list:SERIAL DRIVERS" <linux-serial@vger.kernel.org>, Linux Kernel
Mailing List <linux-kernel@vger.kernel.org>

On Tue, Jun 12, 2018 at 7:50 AM, Zhouyang Jia <jiazhouyang09@gmail.com> wrote:
> When try_module_get fails, the lack of error-handling code may
> cause unexpected results.

What results? What is recovery approach here?
How printing message change a behaviour?

> This patch adds error-handling code after calling try_module_get.

> +   if (!kgdb_connected) {
> +   if (!try_module_get(THIS_MODULE))
> +   printk(KERN_ERR "kgdboc: cannot get module.\n");

So, what's wrong with pr_err() ?

> +   }

--
With Best Regards,
Andy Shevchenko