

[PATCH] staging: rtl8712: add error handling for register_netdev

3 messages

Zhouyang Jia <jiazhouyang09@gmail.com>
Cc: Zhouyang Jia <jiazhouyang09@gmail.com>, Larry Finger <Larry.Finger@lwfinger.net>, Florian Schilhabel <florian.c.schilhabel@gmail.com>, Greg Kroah-Hartman <gregkh@linuxfoundation.org>, Liam Ryan <liamryandev@gmail.com>, Colin Ian King <colin.king@canonical.com>, devel@driverdev.osuosl.org, linux-kernel@vger.kernel.org

Mon, Jun 11, 2018 at 11:18 PM

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

This patch adds error-handling code after calling register_netdev.

Signed-off-by: Zhouyang Jia <jiazhouyang09@gmail.com>

```
---
drivers/staging/rtl8712/hal_init.c | 8 ++++++-
1 file changed, 7 insertions(+), 1 deletion(-)

diff --git a/drivers/staging/rtl8712/hal_init.c b/drivers/staging/rtl8712/hal_init.c
index 2a3f074..2b47e75 100644
--- a/drivers/staging/rtl8712/hal_init.c
+++ b/drivers/staging/rtl8712/hal_init.c
@@ -40,6 +40,7 @@
static void rtl871x_load_fw_cb(const struct firmware *firmware, void *context)
{
+    struct _adapter *padapter = context;
+    int rc;

    complete(&padapter->rtl8712_fw_ready);
    if (!firmware) {
@@ -53,7 +54,12 @@
    }
    padapter->fw = firmware;
    /* firmware available - start netdev */
-    register_netdev(padapter->pnetdev);
+    rc = register_netdev(padapter->pnetdev);
+    if (rc) {
+        struct usb_device *udev = padapter->dvobjpriv.pusbdev;
+        dev_err(&udev->dev, "rtl8712u: Unable to register netdev\n");
+    }
}

static const char firmware_file[] = "rtlwifi/rtl8712u.bin";
--
2.7.4
```

Greg Kroah-Hartman <gregkh@linuxfoundation.org>
To: Zhouyang Jia <jiazhouyang09@gmail.com>

Tue, Jun 12, 2018 at 2:31 AM

```
[Quoted text hidden]
>
> devel mailing list
> devel@linuxdriverproject.org
> http://driverdev.linuxdriverproject.org/mailman/listinfo/driverdev-devel
```

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

Dan Carpenter <dan.carpenter@oracle.com>
To: Zhouyang Jia <jiazhouyang09@gmail.com>
Cc: Florian Schilhabel <florian.c.schilhabel@gmail.com>, devel@driverdev.osuosl.org, Greg Kroah-Hartman <gregkh@linuxfoundation.org>, linux-kernel@vger.kernel.org, Colin Ian King <colin.king@canonical.com>, Larry Finger <Larry.Finger@lwfinger.net>

Tue, Jun 12, 2018 at 7:34 AM

```
On Tue, Jun 12, 2018 at 11:18:43AM +0800, Zhouyang Jia wrote:
> When register_netdev fails, the lack of error-handling code may
> cause unexpected results.
>
> This patch adds error-handling code after calling register_netdev.
>
```

It doesn't add any error handling. It just adds an error message.

The error handling does look sort of messed up, but this isn't a useful patch.

regards,

dan carpenter