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committer Greg Kroah-Hartman <gregkh@linuxfoundation.org> 2022-11-10 18:14:19 +0100
commit e77d213843e67b4373285712699b692f9c743f61 (patch)
tree dbd7a8c7c720667fb6130d7caf2d65b4635a2807
parent f06186e5271b980bac03f5c97276ed0146ddc9b0 (diff)
download [linux-e77d213843e67b4373285712699b692f9c743f61.tar.gz](#)

diff options

context:

3 ▼

space:

include ▼

mode:

unified ▼

mISDN: fix possible memory leak in mISDN_register_device()

[Upstream commit e7d1d4d9ac0dfa40be4c2c8abd0731659869b297]

Afer commit 1fa5ae857bb1 ("driver core: get rid of struct device's bus_id string array"), the name of device is allocated dynamically, add put_device() to give up the reference, so that the name can be freed in kobject_cleanup() when the refcount is 0.

Set device class before put_device() to avoid null release() function WARN message in device_release().

Fixes: 1fa5ae857bb1 ("driver core: get rid of struct device's bus_id string array")
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Diffstat

```
-rw-r--r-- drivers/isdn/mISDN/core.c 5
```

1 files changed, 3 insertions, 2 deletions

diff --git a/drivers/isdn/mISDN/core.c b/drivers/isdn/mISDN/core.c

index a41b4b26459412..7ea0100f218a04 100644

--- a/drivers/isdn/mISDN/core.c

+++ b/drivers/isdn/mISDN/core.c

```
@@ -233,11 +233,12 @@ mISDN_register_device(struct mISDNdevice *dev,  
    if (debug & DEBUG_CORE)  
        printk(KERN_DEBUG "mISDN_register %s %d\n",  
                dev_name(&dev->dev), dev->id);  
+    dev->dev.class = &mISDN_class;  
+  
    err = create_stack(dev);  
    if (err)  
        goto error1;  
  
-    dev->dev.class = &mISDN_class;  
    dev->dev.platform_data = dev;  
    dev->dev.parent = parent;  
    dev_set_drvdata(&dev->dev, dev);  
@@ -249,8 +250,8 @@ mISDN_register_device(struct mISDNdevice *dev,  
  
error3:  
    delete_stack(dev);
```

```
-      return err;
error1:
+      put_device(&dev->dev);
      return err;

}
```