

# Nullpointer dereference in sysfs\_get\_dentry (2.6.0-test6-mm1)

**Source:** <http://linux.derkeiler.com/Mailing-Lists/Kernel/2003-09/7617.html>

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**Date:** 09/30/03

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Sometimes rmmod hangs when I try to unload uhci-hcd.

Kernel: 2.6.0-test6-mm1

Log:

```
=====
uhci-hcd 0000:00:13.0: remove, state 1
usb usb4: USB disconnect, address 1
usb 4-1: USB disconnect, address 5
Unable to handle kernel NULL pointer dereference at virtual address
00000000
printing eip:
c0184ec6
*pde = 00000000
Oops: 0000 [#1]
CPU: 0
EIP: 0060:[<c0184ec6>] Not tainted
EFLAGS: 00010286
EIP is at sysfs_get_dentry+0x16/0x80
eax: 00000000 ebx: ceefd2cc ecx: ffffffff edx: 00000000
esi: cf25b600 edi: 00000000 ebp: ce8f3e24 esp: ccbade44
ds: 007b es: 007b ss: 0068
Process rmmod (pid: 7510, threadinfo=ccbac000 task=c9a02100)
Stack: c016043f ccbade60 00000000 00000000 c0184f1b cdc06f00 ceefd2cc ce8f3e00
c0184f5a cf25b600 00000000 ceefd2cc d19b5060 c0230098 cf25b600 00000000
ceefd2cc ce8f3ecc c0230205 ceefd2cc ceefd324 ceefd2cc ce8f3ecc c022effd
Call Trace:
[<c016043f>] lookup_hash+0x1f/0x30
[<c0184f1b>] sysfs_get_dentry+0x6b/0x80
[<c0184f5a>] sysfs_hash_and_remove+0x2a/0x7d
[<c0230098>] device_release_driver+0x28/0x70
[<c0230205>] bus_remove_device+0x55/0xa0
[<c022effd>] device_del+0x5d/0xa0
[<c022f053>] device_unregister+0x13/0x30
```

## Linux-Kernel: Nullpointer dereference in sysfs\_get\_dentry (2.6.0-test6-mm1)

```
[<d199ecd8>] usb_disconnect+0xd8/0xf0 [usbcore]
[<d19a6d78>] usb_hcd_pci_remove+0x88/0x190 [usbcore]
[<c01e167b>] pci_device_remove+0x3b/0x40
[<c02300d6>] device_release_driver+0x66/0x70
[<c0230100>] driver_detach+0x20/0x30
[<c023032d>] bus_remove_driver+0x3d/0x80
[<c0230753>] driver_unregister+0x13/0x28
[<c01e1856>] pci_unregister_driver+0x16/0x30
[<d1aa3e4f>] uhci_hcd_cleanup+0xf/0x5e [uhci_hcd]
[<c0131cb2>] sys_delete_module+0x122/0x170
[<c0146394>] sys_munmap+0x44/0x70
[<c010931b>] syscall_call+0x7/0xb
```

Code: f2 ae f7 d1 49 89 4c 24 0c 49 31 db 83 f9 ff 89 d7 74 2a 8

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-> <http://www.mikrocontroller.net>

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