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» USB-device triggers endless device checking [SOLVED]

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hermanr	2011-05-25 11:40:15	#1

Member

Registered: 2011-05-25
Posts: 10

After installing Arch Linux on my computer (Intel P67 chipset), an endless loop of warning/error messages about a USB-device fills up my messages.log (and slows down my computer a little bit).

Three sample iterations (but it loops through all device numbers constantly):

```
May 25 12:18:06 localhost kernel:
May 25 12:18:06 localhost mtp-prok
May 25 12:18:06 localhost mtp-prok
May 25 12:18:06 localhost mtp-prok
May 25 12:18:06 localhost mtp-prok
May 25 12:18:06 localhost kernel:

May 25 12:18:06 localhost kernel:
May 25 12:18:06 localhost mtp-prok
May 25 12:18:06 localhost mtp-prok
May 25 12:18:06 localhost mtp-prok
May 25 12:18:06 localhost mtp-prok
May 25 12:18:07 localhost kernel:

May 25 12:18:07 localhost kernel:
May 25 12:18:07 localhost mtp-prok
May 25 12:18:07 localhost mtp-prok
May 25 12:18:07 localhost mtp-prok
May 25 12:18:07 localhost mtp-prok
May 25 12:18:07 localhost kernel:
```

The device that triggers these messages is a ColorVision Spyder (color calibration). When I unplug the Spyder, the messages loop stops; and when I plug the device in again, it resumes. See also http://lists.fedoraproject.org/pipermai … 99834.html for a Fedora-user experiencing the same problems.

The system is up to date with all packages; the kernel is the standard kernel26. As far as I'm aware of, this problem does not occur on my Ubuntu install (10.10, 11.04).

I guess the 'lsusb -v' output for the Spyder may be relevant:

```
    Bus 003 Device 053: ID 085c:0300
    Device Descriptor:
      bLength                 18
      bDescriptorType          1
      bcdUSB                1.00
      bDeviceClass           255 Venc
      bDeviceSubClass          0
      bDeviceProtocol          0
      bMaxPacketSize0          8
      idVendor            0x085c Colc
      idProduct           0x0300
      bcdDevice             1.06
      iManufacturer            1
      iProduct                 2
      iSerial                  0
      bNumConfigurations       1
      Configuration Descriptor:
        bLength                9
        bDescriptorType        2
        wTotalLength          25
        bNumInterfaces         1
```

Can I stop this somehow (short of unplugging the Spyder when I'm in Arch)? Should I file a bug report, and where? Your help will be greatly appreciated.

(Btw, this is my first post here. Apart from this problem, my experiences with Arch are great.)

Last edited by hermanr (2012-02-12 15:45:11)

Offline

ewaller

2011-05-25 17:24:40   #2
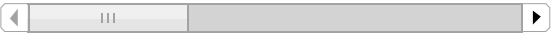
Forum Moderator

From: Pasadena, CA
Registered: 2009-07-13
Posts: 4,459

Do you have a file called /etc/udev/rules.d/libmtp.rules on your system?
Is your Device listed in that file?

I assume you have installed libmtp. Yes?

BTW, I have no idea what i'm doing here. I've never used mtp stuff -- USB problems piqued my interest.

Nothing is too wonderful to be true, if it be consistent with the laws of nature -- *Michael*

Faraday

How to Ask Questions the Smart Way

---

hermanr

2011-05-25 18:12:51   #3

Member

Registered: 2011-05-25
Posts: 10

Thanks for your interest in my topic.

> **ewaller wrote:**
>
> Do you have a file called
> /etc/udev/rules.d/libmtp.rules on
> your system?
> Is your Device listed in that file?
>
> I assume you have installed libmtp.
> Yes?

Libmtp is installed on my system as a
dependency of banshee; I have no use for it.
The libmtp.rules file is installed in
/lib/udev/rules.d (not in /etc/udev/rules.d),
but my device is not listed in this file (or in
any other).

I have tried to make a specific udev rule for
my device in /etc/udev/rules.d/22-
color.rules:

```
SUBSYSTEM=="usb_device", SYSFS{id\
```

This line was suggested on some other site
for the use of the Spyder under Linux. My
knowledge of udev is very limited, but it was
worth trying. It did not work, however.

---

wladimir

2011-11-11 12:06:28   #4

Member

Registered: 2011-11-11
Posts: 1

I have the same problem. In my case, the
device (Philips AMBX) also isn't listed
specifically in the mtp rules file. However,
the last line has a catch-all condition that
somehow includes it:

```
# Autoprobe vendor-specific, commu
ENV{ID_MTP_DEVICE}!="1", ATTR{bDev
```

◄ ▐▌▌ ▶

Commenting out this line solved the issue. It seems that the mtp-probe tool is not completely safe an disconnects some kinds of devices. It would be better if it somehow remembered that a device is not a MTP device and doesn't try again and again...

Offline

| Giniu | 2011-11-12 18:08:57 | #5 |

Trusted User (TU)

From: Wrocław/Poland
Registered: 2007-04-02
Posts: 58

Website

I've also hit same issue with Spyder 3, decided to remove libmtp and it works. I also know that if you rename the mtp-probe file before plugging the device in, it will work. Maybe the problem is not with udev, but in mtp-probe file itself? Ubuntu guys fight with same issue - there are some other proposed solutions in that thread: https://bugs.launchpad.net/ubuntu/+sour … bug/874293 - especially - as noted in http://sourceforge.net/tracker/?func=de … tid=809061 - the libmtp 1.1.1 (released in October) should have the issue fixed.

Last edited by Giniu (2011-11-12 18:12:00)

My GPG fingerprint: 7170 26A9 D477 9FC5 3940 7266 40F5 57B7 3149 6106

Offline

| iosonofabio | 2011-11-16 15:21:02 | #6 |

Member

From: Italy
Registered: 2008-10-09
Posts: 89

I also had to fight for this issue. I got an USB from a friend and it just didn't generate any /dev/sdx resource. After eliminating libmtp - which includes uninstalling VLC - and rebooting, everything works again.

Offline

| hermanr | 2012-02-12 15:43:19 | #7 |

Member

Giniu wrote:

Registered: 2011-05-25
Posts: 10

> the libmtp 1.1.1 (released in October)
> should have the issue fixed.

Yes, it does seem to be fixed now!

Offline

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