Google Nexus 5 und 7 unter Ubuntu 12.04 LTS ins Dateisystem mounten

Ermitteln der sog. ''Device-'' oder ''Prooduct-'' und der ''Vendor-ID'' des verwendeten Gerätes

Beim Nexus 5 (USB Debugging Modus ausgeschaltet!) ...

```
mtp-detect
...
Google Inc (for LG Electronics/Samsung): Nexus 4/10 (MTP) (18d1:4ee1)
```

Hier lautet die sog. `Vendor-ID` **18d1** und die sog. `Product-ID` ist **4ee1**

und mit eingeschaltetem Debug Modus:

```
mtp-detect
...
Google Inc (for LG Electronics/Samsung): Nexus 4/10 (MTP) (18d1:4ee2)
```

Hier lautet die sog. `Vendor-ID` **18d1** und die sog. `Product-ID` ist **4ee2**

Einhängepunkte erstellen

```
mkdir -p /media/Nexus_5 && chown -R root:root /media/Nexus_5 && chmod 777
/media/Nexus_5
mkdir -p /media/Nexus_7 && chown -R root:root /media/Nexus_7 && chmod 777
/media/Nexus_7
```

UDEV Regeln erstellen

```
cat <<EOT > /etc/udev/rules.d/51-android.rules
SUBSYSTEM=="usb", ATTR{idVendor}=="18d1", ATTR{idProduct}=="4ee1",
MODE="0666", OWNER="christoph"
# Nexus_5 - MTP mount & unmount rules
ENV{ID_MODEL}=="Nexus_5", ENV{ID_MODEL_ID}=="4ee1", ACTION=="add",
RUN+="/usr/bin/sudo -b -u christoph /usr/bin/go-mtpfs -dev=18d1:4ee1 -allow-
other=true /media/Nexus_5"
ENV{ID_MODEL}=="Nexus_5", ENV{ID_MODEL_ID}=="4ee1", ACTION=="remove",
RUN+="/bin/umount /media/Nexus_5"
# Nexus_7 - MTP mount & unmount rules
ENV{ID_MODEL}=="Nexus_7", ENV{ID_MODEL_ID}=="4ee1", ACTION=="add",
RUN+="/usr/bin/sudo -b -u christoph /usr/bin/go-mtpfs -dev=18d1:4ee1 -allow-
other=true /media/Nexus_7"
ENV{ID_MODEL}=="Nexus_7", ENV{ID_MODEL_ID}=="4ee1", ACTION=="remove",
RUN+="/bin/umount /media/Nexus_7"
##
```

```
SUBSYSTEM=="usb", ATTR{idVendor}=="18d1", ATTR{idProduct}=="4ee2",
MODE="0666", OWNER="christoph"
# Nexus 5 without debug mode enabled - MTP mount & unmount rules
ENV{ID_MODEL}=="Nexus_5", ENV{ID_MODEL_ID}=="4ee2", ACTION=="add",
RUN+="/usr/bin/sudo -b -u christoph /usr/bin/go-mtpfs -dev=18d1:4ee2 -allow-
other=true /media/Nexus_5"
ENV{ID_MODEL}=="Nexus_5", ENV{ID_MODEL_ID}=="4ee2", ACTION=="remove",
RUN+="/bin/umount /media/Nexus_5"
# Nexus 7 without debug mode enabled - MTP mount & unmount rules
ENV{ID_MODEL}=="Nexus_7", ENV{ID_MODEL_ID}=="4ee2", ACTION=="add",
RUN+="/usr/bin/sudo -b -u christoph /usr/bin/go-mtpfs -dev=18d1:4ee2 -allow-
other=true /media/Nexus_7"
ENV{ID_MODEL}=="Nexus_7", ENV{ID_MODEL_ID}=="4ee2", ACTION=="remove",
RUN+="/bin/umount /media/Nexus_7"
EOT
```

Neue UDEV Reglen laden ohne den Rechner neu zu starten:

```
udevadm control --reload-rules
```

FUSE Regel hinzufügen

```
cat <<EOT >> /etc/fuse.conf
# Set the maximum number of FUSE mounts allowed to non-root users.
# The default is 1000.
#
#mount_max = 1000

# Allow non-root users to specify the 'allow_other' or 'allow_root'
# mount options.
#
user_allow_other
EOT
```

Einträge in der fstab-Datei erzeugen

```
cat <<EOT >> /etc/fstab
#
# declaration of Nexus 5 to be mounted under /media/Nexus_5
DeviceFs(Nexus\0405)      /media/Nexus_5       fuse.DeviceFs(Nexus\0405)
allow_other,rw,user,noauto    0     0
# declaration of Nexus 7 to be mounted under /media/Nexus_5
DeviceFs(Nexus\0407)      /media/Nexus_7       fuse.DeviceFs(Nexus\0407)
allow_other,rw,user,noauto    0     0
EOT
```

From:
https://www.von-thuelen.de/ - **Christophs DokuWiki**

Permanent link:
https://www.von-thuelen.de/doku.php/wiki/projekte/google_nexus_x/nexus_x_unter_ubuntu_12_04_mounten

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