

chroot

from <https://unix.stackexchange.com/questions/14345/how-do-i-tell-im-running-in-a-chroot>

```
## stat - Display file or file system status.

## -c --format=FORMAT    use the specified FORMAT instead of the default;
##                        output a newline after each use of FORMAT

## The valid format sequences for files (without --file-system):
## %d    device number in decimal (st_dev)
## %i    inode number

# #      root  device, inode가 /sbin/init가      root
## PS1          normal  chroot          PS1      가

if [ "$(stat -c %d:%i /)" != "$(stat -c %d:%i /proc/1/root/.)" ]; then
    echo "We are chrooted!"
else
    echo "Business as usual"
fi
```

Readline Colored Completion

[Read This](#)

grub PARTUUID

[Read This](#)

This is a 5 year old thread. But still it is imho not fully answered. There's a little example missing. Here it is:

In this example:

/dev/sda3 = / /dev/sda2 = swap ...using a GPT partition. With MBR (dos partition) the PARTUUID's are shorter but the procedure is the same...

get the PARTUUID's with blkid:

```
blkid -s PARTUUID -o value /dev/sda3 # root
77fd7830-faa2-4e99-a48b-337ad9eded28
blkid -s PARTUUID -o value /dev/sda2 # swap
5b63167a-6fd2-4e72-948c-90832372956c
```

/boot/grub/grub.cfg:

```
search --no-floppy --part-uuid --set=root 77fd7830-faa2-4e99-
a48b-337ad9eded28
```

```
menuentry "GNU/Linux, KERNEL 4.12.7-lfs-8.1" {  
    linux /boot/vmlinuz-4.12.7-lfs-8.1 root=PARTUUID=77fd7830-faa2-4e99-a48b-337ad9eded28 net.ifnames=0 ipv6.disable=1 ro rootwait rootfstype=ext4  
}
```

/etc/fstab/:

```
PARTUUID=77fd7830-faa2-4e99-a48b-337ad9eded28 / ext4  
noatime,nodiratime,errors=remount-ro 0 1  
PARTUUID=5b63167a-6fd2-4e72-948c-90832372956c swap swap pri=1 0 0
```

This is known to WORK with lfs8.1 (kernel 4.12.7) But i think it should work with most other kernels too (olders and newers...)

From:

<https://gamu.kr/dokuwiki/> -

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