

# GRUB

GNU GRUB (short for GNU GRand Unified Bootloader)

## reboot to different kernel once

Obligatory changes:

[/etc/default/grub](#)

```
GRUB_DEFAULT=saved
# Comment or disable:
# GRUB_SAVEDEFAULT=true
```

```
update-grub
```

## Working example

```
# get menu ids:
egrep -i "menuentry '|submenu '" /boot/grub/grub.cfg
# Set grub env using chosen ids. For submenu use '>'
grub-set-default 'gnulinux-simple-21b9a8a1-48e8-4c4d-8420-6c97870f2702'
grub-reboot 'gnulinux-advanced-21b9a8a1-48e8-4c4d-8420-6c97870f2702>gnulinux-5.3.18-3-pve-advanced-21b9a8a1-48e8-4c4d-8420-6c97870f2702'
```

If everything works well, remove Debian kernel.

```
apt remove linux-image-amd64 'linux-image-4.19*' 'linux-image-5.4*'
update-grub
grub-set-default 0
```

## specify boot entry

[Grub2/Submenus Display grub menu and options without rebooting?](#) [Grub: reboot to specific kernel](#)

Main menu boot entries can be specified by

### by name

```
grub-reboot "Advanced options for Ubuntu>Ubuntu, with Linux 4.2.0-16-generic"
```

```
reboot
```

```
#  
grub-reboot "Other platforms>Minix>Version 3.4.0"  
reboot
```

## by menu id

## by number

```
# set first entry  
grub-set-default 0  
  
# boot 2nd menu next time (boot once next time)  
grub-reboot 1  
  
# boot 7th submenu from 2nd main menu (boot once next time)  
grub-reboot "1>6"  
  
#  
grub-reboot "1>0>0"
```

From:

<https://niziak.spox.org/wiki/> - **niziak.spox.org**

Permanent link:

<https://niziak.spox.org/wiki/linux:grub>

Last update: **2020/04/23 15:22**

