

restoregrub.pdf

How to Restore GRUB2 after installing Windows:

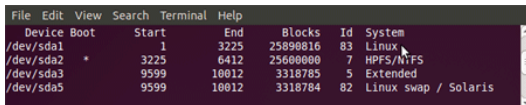
Boot from an Ubuntu Live CD or Live USB

Open a Terminal

Type `sudo su` (press enter after typing each command)

Type `fdisk -l`

Note which device contains your Linux partition (IE: `/dev/sda1`)



```
File Edit View Search Terminal Help
Device Boot      Start         End      Blocks   Id  System
/dev/sda1        1           3225     25890016   83  Linux
/dev/sda2        *    3225         6412     25600000    7  HPFS/NTFS
/dev/sda3            9599        10012     3318785    5  Extended
/dev/sda5            9599        10012     3318784    82  Linux swap / Solaris
```

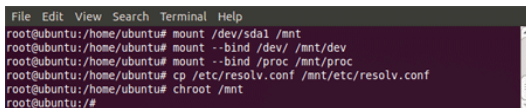
Type `mount /dev/sdx# /mnt` (replacing `x#` with your actual device and partition number)

Type `mount --bind /dev /mnt/dev`

Type `mount --bind /proc /mnt/proc`

Type `cp /etc/resolv.conf /mnt/etc/resolv.conf`

Type `chroot /mnt`



```
File Edit View Search Terminal Help
root@ubuntu:/home/ubuntu# mount /dev/sda1 /mnt
root@ubuntu:/home/ubuntu# mount --bind /dev /mnt/dev
root@ubuntu:/home/ubuntu# mount --bind /proc /mnt/proc
root@ubuntu:/home/ubuntu# cp /etc/resolv.conf /mnt/etc/resolv.conf
root@ubuntu:/home/ubuntu# chroot /mnt
root@ubuntu:/#
```

Type `grub-install --recheck /dev/sdx` (replacing `x` with your actual device)

Type `reboot` (to reboot your PC)

Making GRUB 2 detect Windows Installs:

Proceed to boot into your Linux environment.

Open a terminal and type `sudo update-grub` (enter your root password when prompted)