Copy Linux to a new Harddisk

- stop any running services like apache, mysql etc. on the source system.
- partition and format the new harddisk

  - ```
    rsync -aHvx --numeric-ids /source /target
    ```

  for each partition

- edit fstab and /boot/grub/menu.lst and update UUID according to harddisks_by_uuid_in_debian_lenny
- install grub

mount the root and boot partitions:

```
mount /dev/hdcX /mnt/new
mount --bind /dev/ /mnt/new/dev
mount /dev/hdc0 /mnt/new/boot
chroot /mnt/new
grub-install /dev/hdc
```

```
sudo grub
find /boot/grub/menulst
```

(if you have an own partiton for boot, you can leave boot away in the above command)

```
root (hd0,0)
setup (hd0)
```

- reboot your system

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