

# Linux Rescue System hints

Some hints on things only needed in rescue situations, i.e. easily forgotten between emergencies.

A lot of these got easier over the years, but under stress ...

## Changing keyboard layout

Example for German (.de):

```
loadkeys de
```

## Assembling Software RAID devices

```
mdadm --assemble --scan
```

## Accessing LVM volumes

```
# evtl. decrypt
cryptsetup luksOpen /dev/nvme0n1p3 hd_crypted

# find
vgscan

# activate
vgchange -ay

# list
lvdisplay

# mount something
mount /dev/volumegroup/logicalvolume /mountpoint
```

## Re-creating VGs & LVs on new disks

```
fdisk /dev/sda

# do not forget to make one partition bootable

vgcreate vg1 /dev/sdaX

lvcreate -L 10G -n root vg1

mkfs /dev/vg1/root

# mount ...

# restore data

# update fstab (UUIDs...)

#install-mbr /dev/sda

#install-grub /dev/sda /dev/sda1
# or:
#dpkg-reconfigure grub-pc

# ask the FSM to divert Murphy with pasta
# reboot
```

