



Creamos los dos discos de 100mb

```
root@alex:~# mdadm --create /dev/md0 --raid-devices=2 /dev/sdb /dev
/sdc --level=raid1
mdadm: Note: this array has metadata at the start and
      may not be suitable as a boot device.  If you plan to
      store '/boot' on this device please ensure that
      your boot-loader understands md/v1.x metadata, or use
      --metadata=0.90
Continue creating array? s
Continue creating array? (y/n) y
mdadm: Defaulting to version 1.2 metadata
mdadm: array /dev/md0 started.
```

Aquí creamos el raid

```
root@alex:~# fdisk /dev/md0
Welcome to fdisk (util-linux 2.27.1).
Changes will remain in memory only, until you decide to write them.
Be careful before using the write command.

El dispositivo no contiene una tabla de particiones reconocible.
Created a new DOS disklabel with disk identifier 0xe98aaab8.

Orden (m para obtener ayuda): n
Partition type
   p   primary (0 primary, 0 extended, 4 free)
   e   extended (container for logical partitions)
Select (default p): p
Número de partición (1-4, default 1): 1
First sector (2048-204543, default 2048):
Last sector, +sectors or +size[K,M,G,T,P] (2048-204543, default 204
543):

Created a new partition 1 of type 'Linux' and of size 98,9 MiB.
```

Aquí montamos la partición.

```

root@alex:~# mkfs /dev/md0
mke2fs 1.42.13 (17-May-2015)
/dev/md0 contiene un sistema de ficheros ext2
        última fecha de montaje Tue Nov  1 23:45:30 2016
¿Continuar de todas formas? (s,n) s
/dev/md0 está montado; ¡No se hará un sistema de ficheros aquí!
root@alex:~# mount /dev/md0 /mnt/raid1
root@alex:~# dd if=/dev/zero of=/mnt/raid1/fichero bs=512 count=100
000

1000000+0 registros leídos
1000000+0 registros escritos
51200000 bytes (51 MB, 49 MiB) copied, 0,298053 s, 172 MB/s
root@alex:~#
root@alex:~# ls -l /mnt/raid1
total 50209
-rw-r--r-- 1 root root 51200000 nov  1 23:47 fichero
drwx----- 2 root root    12288 nov  1 23:40 lost+found

```

Aquí creamos el fichero

```

root@alex:~# mdadm /dev/md0 --fail /dev/sdb
mdadm: set /dev/sdb faulty in /dev/md0
root@alex:~# cat /proc/mdstat
Personalities : [raid1]
md0 : active raid1 sdc[1] sdb[0](F)
      102272 blocks super 1.2 [2/1] [_U]

unused devices: <none>
root@alex:~# mdadm /dev/md0 --remove /dev/sdb
mdadm: hot removed /dev/sdb from /dev/md0
root@alex:~# cat /proc/mdstat
Personalities : [raid1]
md0 : active raid1 sdc[1]
      102272 blocks super 1.2 [2/1] [_U]

unused devices: <none>
root@alex:~#
root@alex:~# mdadm --zero-superblock /dev/sdb
root@alex:~# mdadm /dev/md0 -add /dev/sdb
mdadm: option -d not valid in manage mode
root@alex:~# mdadm /dev/md0 --add /dev/sdb
mdadm: added /dev/sdb
root@alex:~# mdadm /dev/md0 --stop
mdadm: No action given for /dev/md0 in --misc mode
      Action options must come before device names
root@alex:~# mdadm --assemble --scan
mdadm: unrecognized option '--assemble'
Usage: mdadm --help
      for help
root@alex:~# mdadm --assemble --scan
mdadm: No arrays found in config file or automatically

```

Aquí paramos el raid