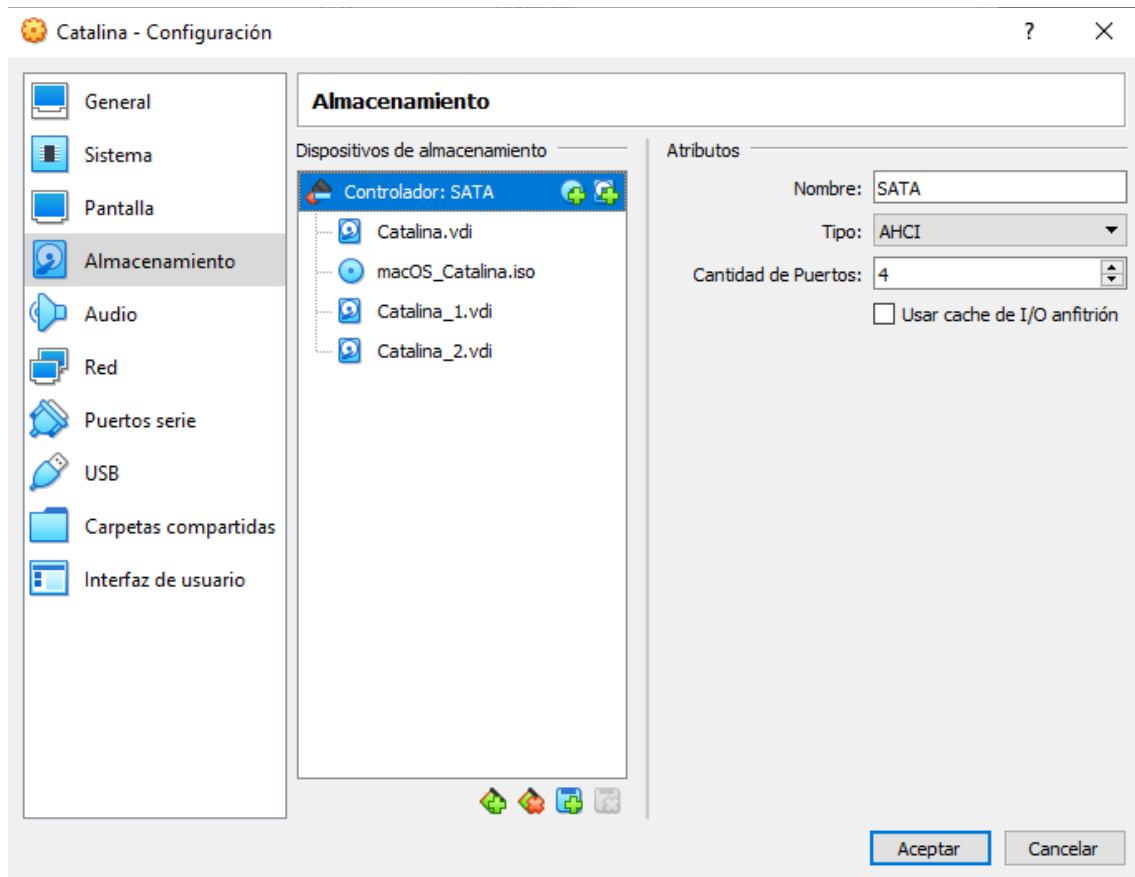


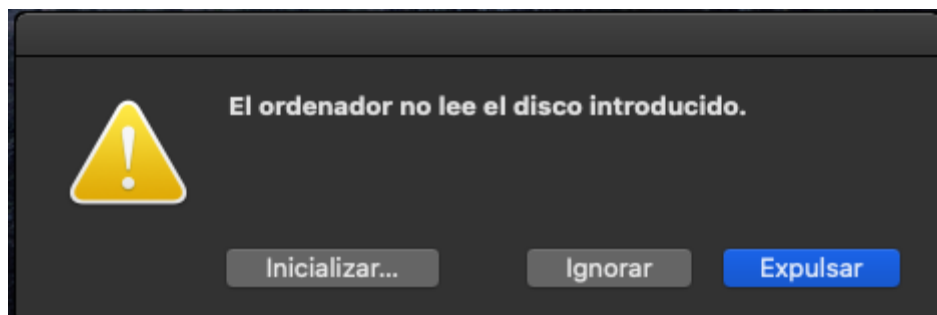
We install the virtual disks.

As it is a test we do not need a lot of capacity.

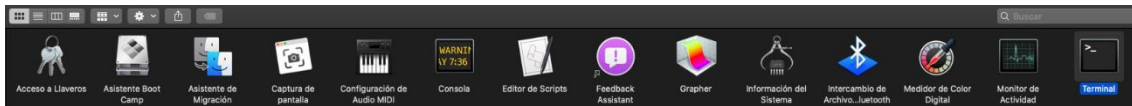


Once inside the system, it warns us that there are new discs.

We initialize them or we won't be able to use them.



We open the terminal.



We use the *diskutil list* command to list them and know which ones to use.

```
Last login: Fri Jan 22 01:52:34 on console
piterxus@iMac-de-Piterxus ~ % diskutil list
/dev/disk0 (internal, physical):
#:                      TYPE NAME                      SIZE      IDENTIFIER
 0:                      *5.4 GB                      disk0

/dev/disk1 (internal, physical):
#:                      TYPE NAME                      SIZE      IDENTIFIER
 0:                      *5.4 GB                      disk1

/dev/disk2 (internal, physical):
#:                      TYPE NAME                      SIZE      IDENTIFIER
 0:      GUID_partition_scheme      *42.9 GB      disk2
 1:          EFI EFI                209.7 MB      disk2s1
 2:      Apple_APFS Container disk3  42.6 GB      disk2s2

/dev/disk3 (synthesized):
#:                      TYPE NAME                      SIZE      IDENTIFIER
 0:      APFS Container Scheme -      +42.6 GB      disk3
   Physical Store disk2s2
 1:          APFS Volume Catalina - Datos  8.5 GB      disk3s1
 2:          APFS Volume Preboot         84.5 MB      disk3s2
 3:          APFS Volume Recovery        526.6 MB     disk3s3
 4:          APFS Volume VM              1.1 MB       disk3s4
 5:          APFS Volume Catalina        10.8 GB      disk3s5

/dev/disk4 (internal, physical):
#:                      TYPE NAME                      SIZE      IDENTIFIER
 0:      Apple_partition_scheme      *8.9 GB      disk4
 1:          Apple_partition_map        32.3 KB      disk4s1
 2:          Apple_HFS Install macOS Catalina 8.8 GB      disk4s3

piterxus@iMac-de-Piterxus ~ %
```

Now by

diskutil ar create stripe TestRAID JHFS + disk0 disk1

the process will begin.

(I point out that testRAID is the name that I have given to my RAID, we can use whatever we want. JHFS refers to the file system and obviously we indicate the disks involved).

```
piterxus@iMac-de-Piterxus ~ % diskutil ar create stripe TestRAID JHFS+ disk0 disk1
Started RAID operation
Unmounting proposed new member disk0
Unmounting proposed new member disk1
Repartitioning disk0 so it can be in a RAID set
Unmounting disk
Creating the partition map
Using disk0s2 as a data slice
Repartitioning disk1 so it can be in a RAID set
Unmounting disk
Creating the partition map
Using disk1s2 as a data slice
Creating a RAID set
[ | 0%..10%..20%..30%..40%..50%..60%..70%..... ] 75.0%
```

Once created, it will notify us if the process has been successful.

We can check it by, again, the *diskutil list* command or by interface.

```
piterxus@iMac-de-Piterxus ~ % diskutil ar create stripe TestRAID JHFS+ disk0 disk1
Started RAID operation
Unmounting proposed new member disk0
Unmounting proposed new member disk1
Repartitioning disk0 so it can be in a RAID set
Unmounting disk
Creating the partition map
Using disk0s2 as a data slice
Repartitioning disk1 so it can be in a RAID set
Unmounting disk
Creating the partition map
Using disk1s2 as a data slice
Creating a RAID set
Bringing the RAID partitions online
Waiting for the new RAID to spin up "67DA1CE7-3488-457D-B3E6-DD4623B976E4"
Initialized /dev/rdisk5 as a 9 GB case-insensitive HFS Plus volume with a 8192k journal
Mounting disk
Finished RAID operation
```

```
piterxus@iMac-de-Piterxus ~ % diskutil list
/dev/disk0 (internal, physical):
#    TYPE NAME           SIZE      IDENTIFIER
0:    GUID_partition_scheme      *5.4 GB   disk0
1:      EFI EFI              209.7 MB  disk0s1
2:      Apple_RAID              5.0 GB   disk0s2
3:      Apple_Boot Boot OS X    134.2 MB  disk0s3

/dev/disk1 (internal, physical):
#    TYPE NAME           SIZE      IDENTIFIER
0:    GUID_partition_scheme      *5.4 GB   disk1
1:      EFI EFI              209.7 MB  disk1s1
2:      Apple_RAID              5.0 GB   disk1s2
3:      Apple_Boot Boot OS X    134.2 MB  disk1s3
```

