

Transfer core-image-sato-
and Resize the SD card
08/04/2015

Go to the location where the the image was created as root.

```
"cd /home/vidal/wkg/yocto/RaspberryPi2/poky/build"
```

```
"fdisk -l"
```

```
"fdisk /dev/sdb"
```

delete the partitions.

Remove the SD card and re insert the SD card.

Transfer the image to the SD card.

```
"dd if=tmp/deploy/images/raspberrypi2/core-image-sato-raspberrypi2.rpi-sdimg | pv | sudo dd  
of=/dev/sdb bs=16"
```

The above command takes about 8 mins.

Remove the SD card and re insert the SD card.

```
"gparted /dev/sdb"
```

```
=====
```


```
libparted : 2.3
```

```
=====
```

A new window will appear. This program lets resize the partitions.

/dev/sdb - GParted

GParted Edit View Device Partition Help

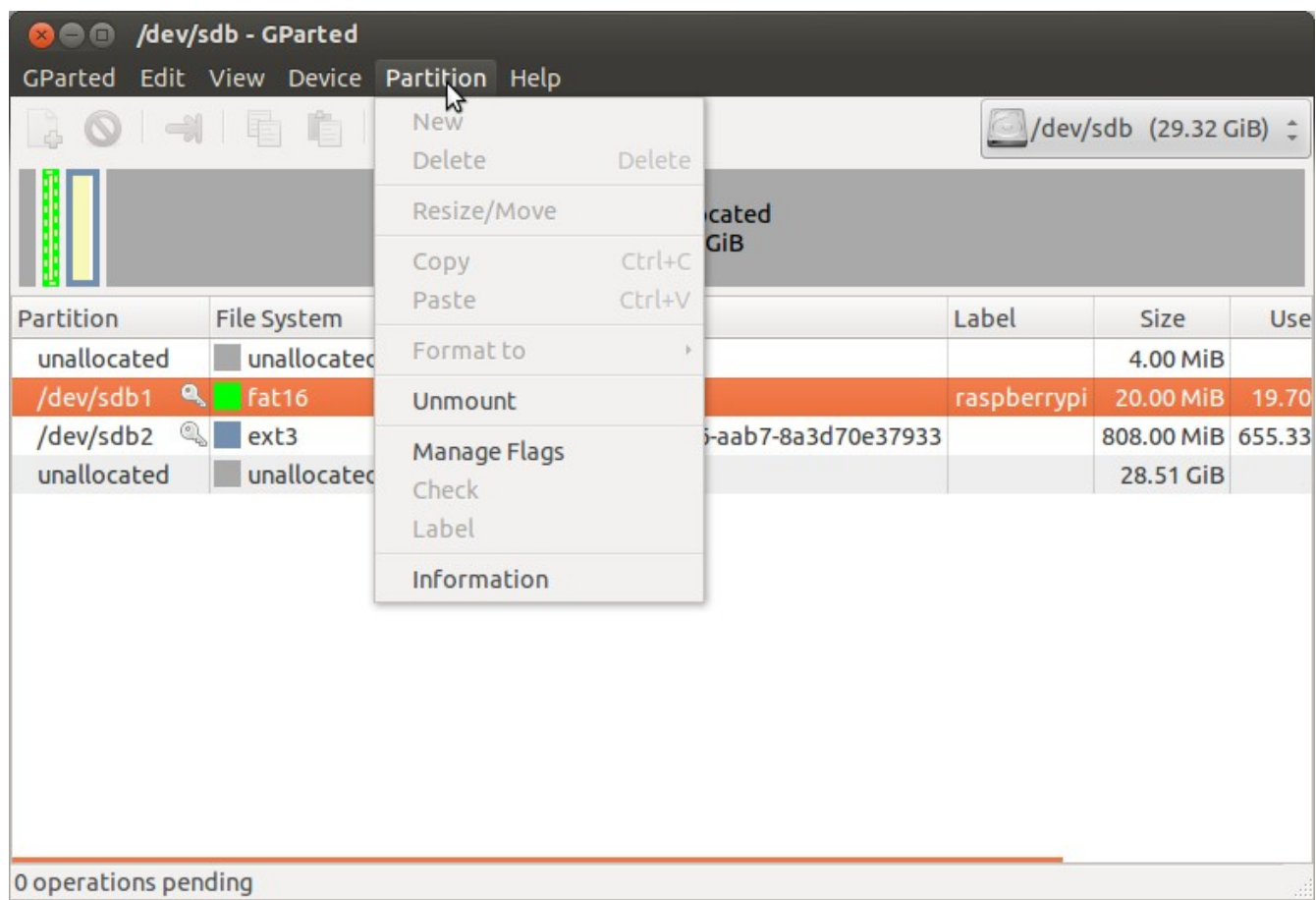
 /dev/sdb (29.32 GiB)

unallocated
28.51 GiB

Partition	File System	Mount Point	Label	Size	Use
unallocated	unallocated			4.00 MiB	
/dev/sdb1	fat16	/media/raspberrypi	raspberrypi	20.00 MiB	19.70
/dev/sdb2	ext3	/media/9e6e0bcd-54f9-4ce6-aab7-8a3d70e37933		808.00 MiB	655.33
unallocated	unallocated			28.51 GiB	

0 operations pending

Highlight each of the 2 partitions and unmount them



Select Umount. Repeat the process for the other partition.

After the partitions have been Umount highlight the 2nd partition.

/dev/sdb - GParted

GParted Edit View Device Partition Help

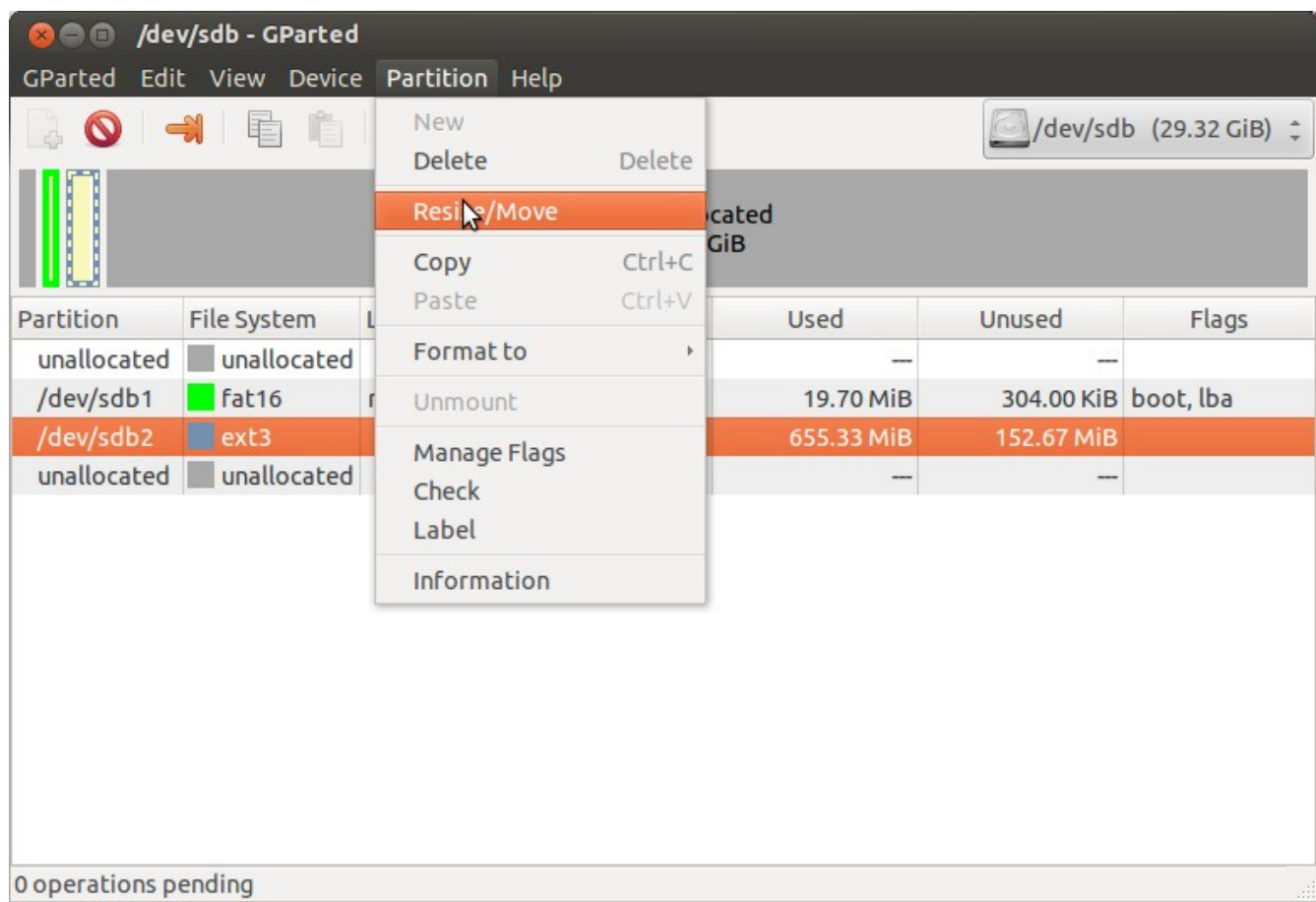
/dev/sdb (29.32 GiB)

unallocated
28.51 GiB

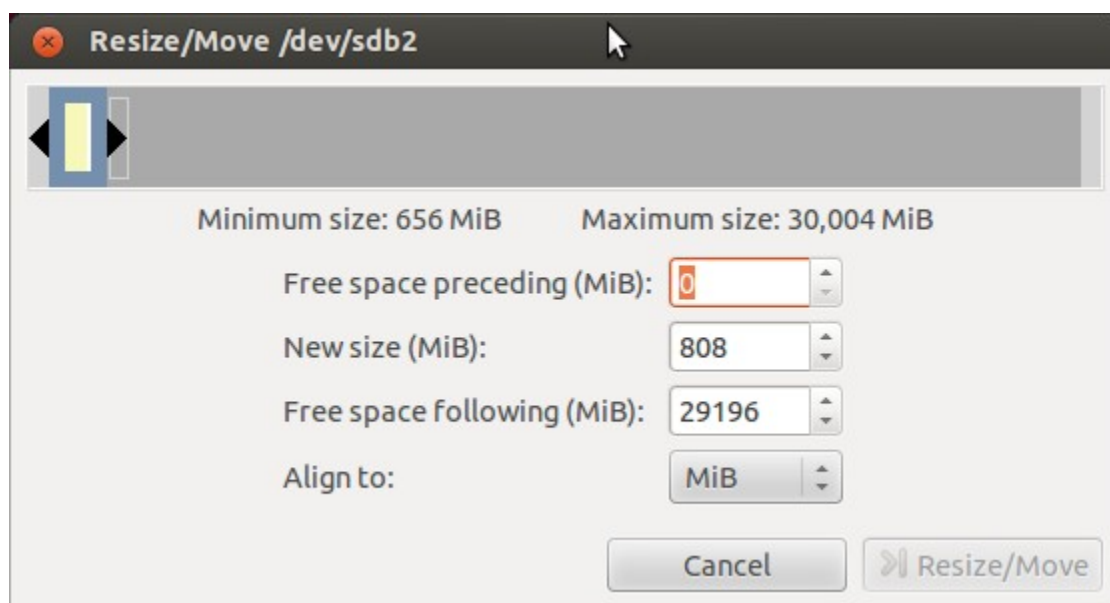
Partition	File System	Label	Size	Used	Unused	Flags
unallocated	unallocated		4.00 MiB	—	—	
/dev/sdb1	fat16	raspberrypi	20.00 MiB	19.70 MiB	304.00 KiB	boot, lba
/dev/sdb2	ext3		808.00 MiB	655.33 MiB	152.67 MiB	
unallocated	unallocated		28.51 GiB	—	—	

0 operations pending

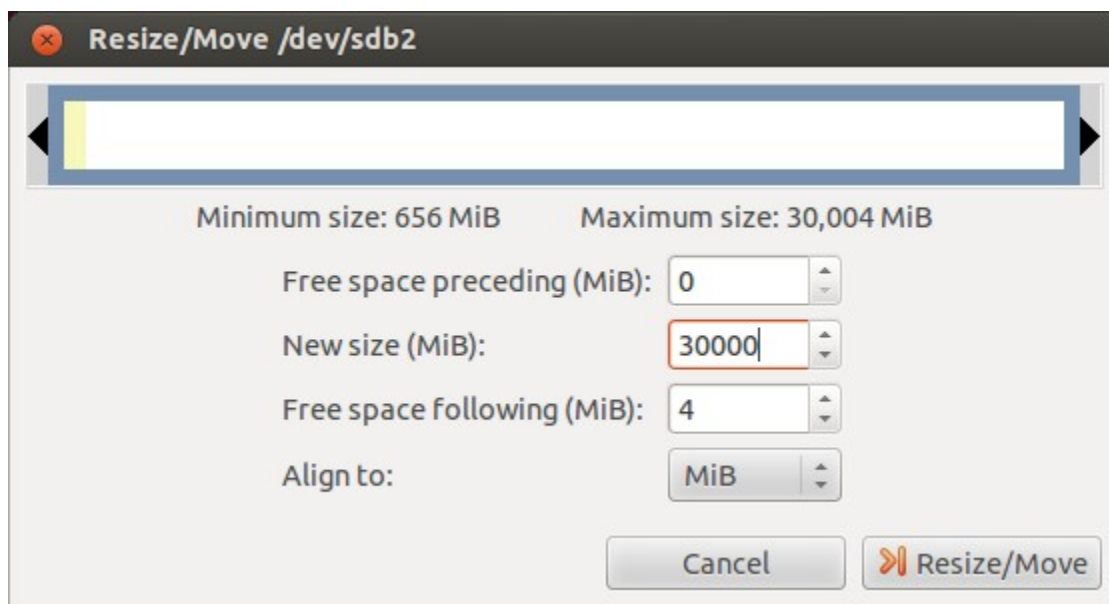
This partition will be resized.



This will bring up a new window which has boxes where values can be adjusted. Looking Maximum size I normally use a value 4 less for the new size.

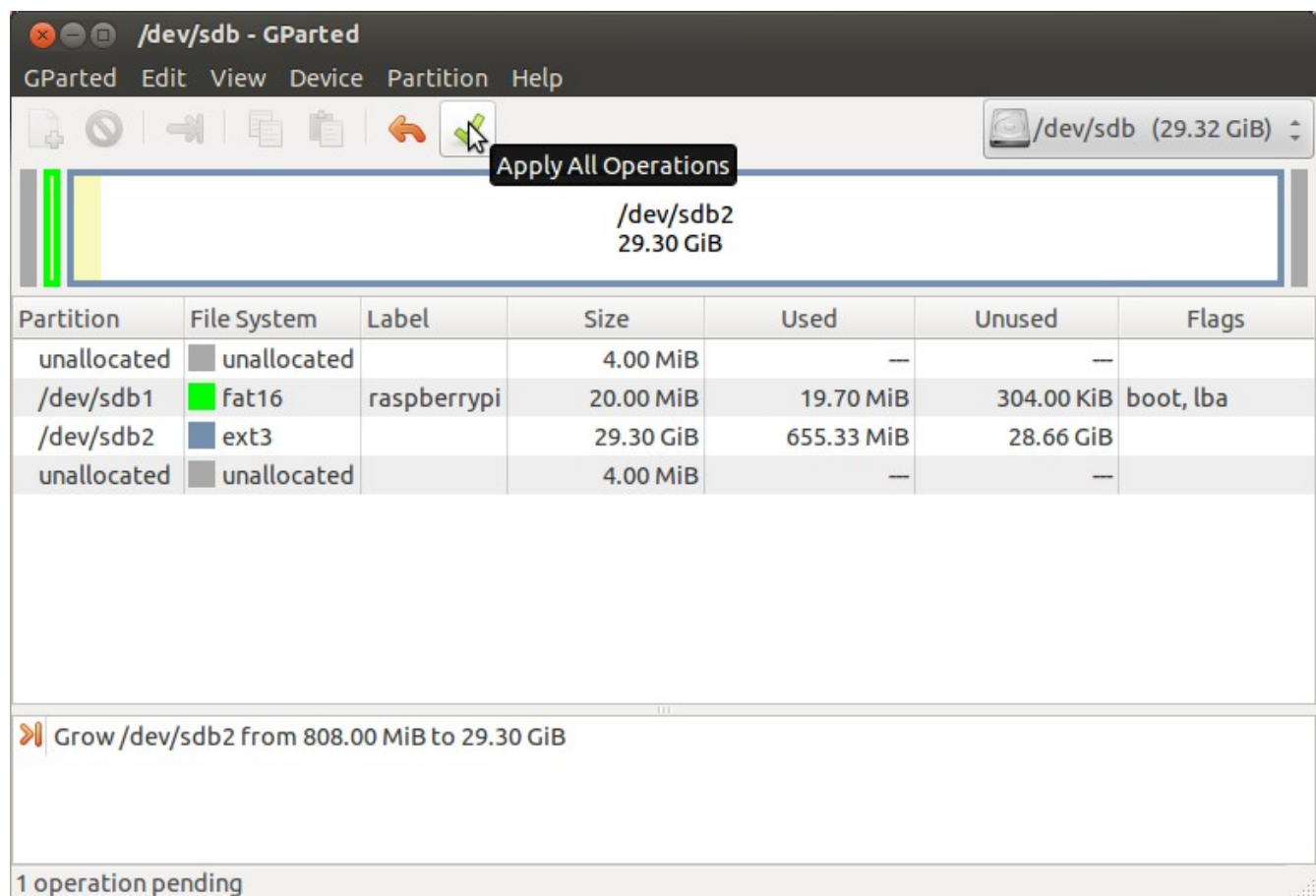


Entering the value and the window will change.

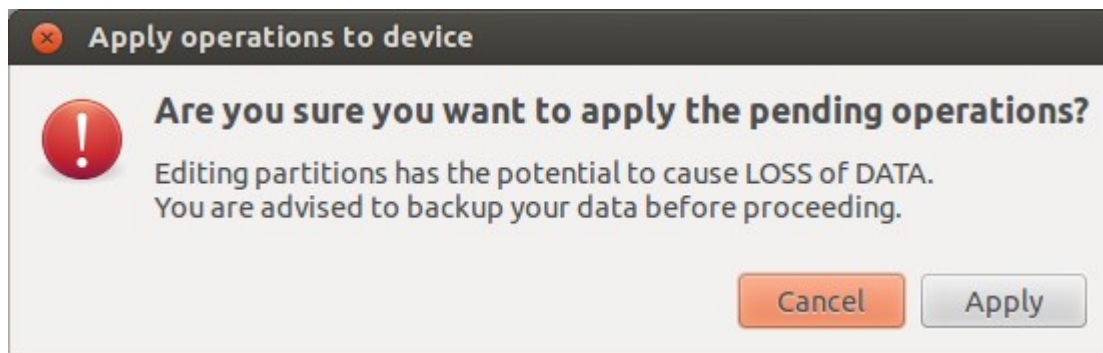


This shows the space used and the new size and the Resize/Move becomes active.

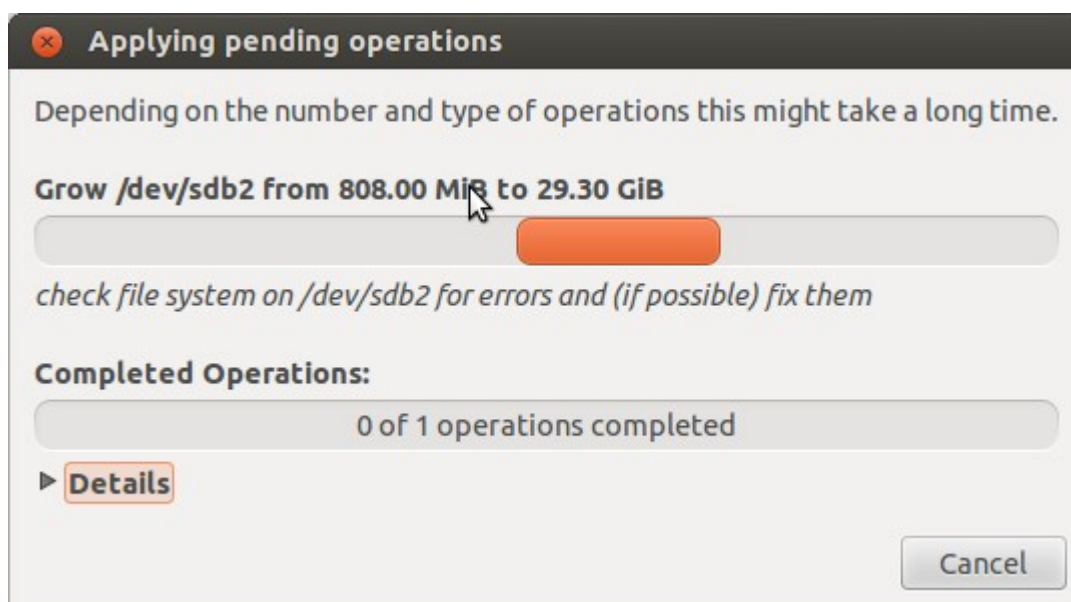
Depressing the Resize/Move button and the window disappears.



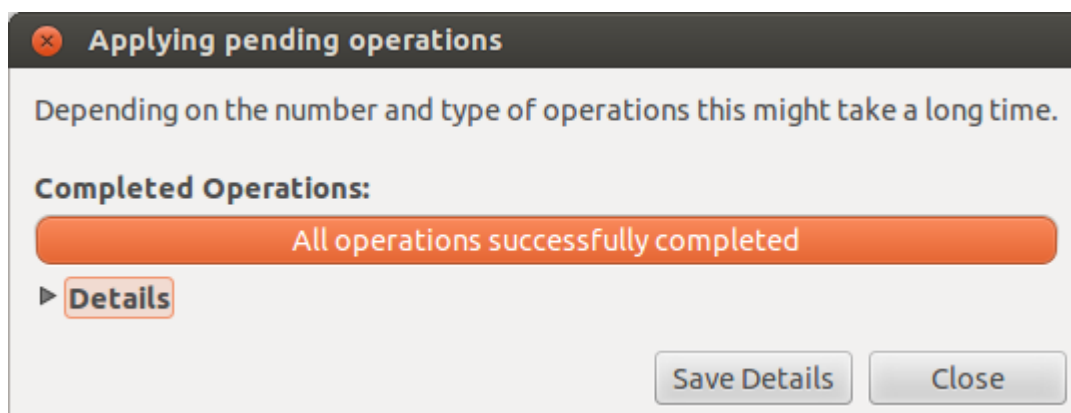
Depress the green check. A new window will appear.



Depress the Apply button. A progress window will appear.



When the resize is complete a new window will appear.



Depress Close button and Exit the program.

Remove the SD card and install on the Raspberry Pi 2 B.