Cannot resize partition on USB memory stick with FreeBSD installation

IPTRACE

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- [#1](#)

Code:

```
user@serv:~ % sudo gpart show /dev/da0
=>      1  63012863  da0  MBR  (30G)
        1      1600    1  efi  (800K)
     1601   1904464    2  freebsd [active] (930M)
  1906065  61106799       - free -  (29G)

user@serv:~ % sudo gpart resize -i 2 -s 30G -a 4k da0
da0s2 resized

user@serv:~ % sudo growfs /dev/da0s2
growfs: superblock not recognized

user@serv:~ % sudo growfs /dev/da0s2a
growfs: requested size 930MB is not larger than the current filesystem size 930MB

user@serv:~ % sudo gpart show /dev/da0
=>      1  63012863  da0  MBR  (30G)
        1      1600    1  efi  (800K)
     1601  62914559    2  freebsd [active]  (30G)
 62916160     96704       - free -  (47M)

Filesystem        Size    Used   Avail Capacity iused ifree %iused  Mounted on
/dev/da0s2a       924M    864M    -14M   102%     12k   11k   52%    /mnt
```

Any suggestions?

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- [#2](#)

This is an MBR partitioned stick, the

```
da0s2
```

is a *slice* not a partition. After resizing the *slice* you'll need to resize the actual partitions inside the slice.

- Thread Starter
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- [#3](#)

So, I should resize `-i 1` ? If yes, I was trying without success.

- #4

Resize the partitions inside

```
da0s2
```

.

It looks like the slice is correctly resized:

Code:

```
1601  62914559    2  freebsd  [active]  (30G)
```

But your partitions inside that slice are still the old size. `gpart show da0s2` should tell you which partition. Typical [bsdlabel(8)](#) has the

```
a
```

partition for the root filesystem,

```
b
```

for swap. So you may need to move swap out of the way first.

- Thread Starter
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- #5

```
user@serv:~ % sudo gpart resize -i 1 -a 4k da0
gpart: autofill: No space left on device
```

- Thread Starter
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- #6

It worked. Thanks.

```
user@serv:~ % sudo gpart show da0s2
=> 0 1904464 da0s2 BSD (930M)
0 16 - free - (8.0K)
16 1904448 1 freebsd-ufs (930M)

user@serv:~ % sudo gpart resize -i 2 -a 4k da0
da0s2 resized
user@serv:~ % sudo gpart show da0s2
=> 0 63011263 da0s2 BSD (30G)
0 16 - free - (8.0K)
16 1904448 1 freebsd-ufs (930M)
1904464 61106799 - free - (29G)

user@serv:~ % sudo gpart resize -i 1 -a 4k da0s2
da0s2a resized
user@serv:~ % sudo growfs /dev/da0s2a
```

```
It's strongly recommended to make a backup before growing the file system.
OK to grow filesystem on /dev/da0s2a from 930MB to 30GB? [yes/no] yes
super-block backups (for fsck_ffs -b #) at
```