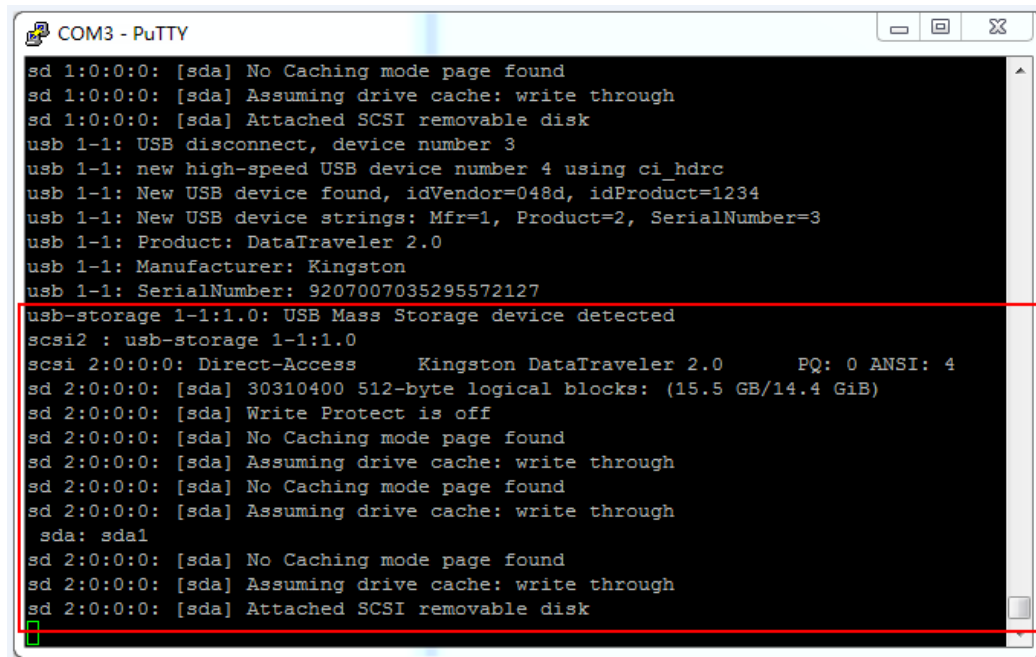


U盘挂载

• U盘挂载遇到的问题

问题：出现下图这种情况，原因是否是U盘挂载不成功？



```
COM3 - PuTTY
sd 1:0:0:0: [sda] No Caching mode page found
sd 1:0:0:0: [sda] Assuming drive cache: write through
sd 1:0:0:0: [sda] Attached SCSI removable disk
usb 1-1: USB disconnect, device number 3
usb 1-1: new high-speed USB device number 4 using ci_hsrc
usb 1-1: New USB device found, idVendor=048d, idProduct=1234
usb 1-1: New USB device strings: Mfr=1, Product=2, SerialNumber=3
usb 1-1: Product: DataTraveler 2.0
usb 1-1: Manufacturer: Kingston
usb 1-1: SerialNumber: 9207007035295572127
usb-storage 1-1:1.0: USB Mass Storage device detected
scsi2 : usb-storage 1-1:1.0
scsi 2:0:0:0: Direct-Access    Kingston DataTraveler 2.0    PQ: 0 ANSI: 4
sd 2:0:0:0: [sda] 30310400 512-byte logical blocks: (15.5 GB/14.4 GiB)
sd 2:0:0:0: [sda] Write Protect is off
sd 2:0:0:0: [sda] No Caching mode page found
sd 2:0:0:0: [sda] Assuming drive cache: write through
sd 2:0:0:0: [sda] No Caching mode page found
sd 2:0:0:0: [sda] Assuming drive cache: write through
sda: sda1
sd 2:0:0:0: [sda] No Caching mode page found
sd 2:0:0:0: [sda] Assuming drive cache: write through
sd 2:0:0:0: [sda] Attached SCSI removable disk
```

说明：如上图显示，如果打印上图信息，并且系统仍正常运作（可以继续输入命令），则表明系统检测到指定的设备，此时，没有尚未挂载U盘，需要手动去完成挂载操作如下图。

```
COM3:115200baud - Tera Term VT
File Edit Setup Control Window Resize Help
sd 0:0:0:0: [sda] 30310400 512-byte logical blocks: (15.5 GB/14.4 GiB)
sd 0:0:0:0: [sda] Write Protect is off
sd 0:0:0:0: [sda] No Caching mode page found
sd 0:0:0:0: [sda] Assuming drive cache: write through
sd 0:0:0:0: [sda] No Caching mode page found
sd 0:0:0:0: [sda] Assuming drive cache: write through
sda: sda1
sd 0:0:0:0: [sda] No Caching mode page found
sd 0:0:0:0: [sda] Assuming drive cache: write through
sd 0:0:0:0: [sda] Attached SCSI removable disk

/ # mount dev/sda1 media/sda1
mount: mounting dev/sda1 on media/sda1 failed: No such file or directory
/ # mkdir media/sda1
mkdir: can't create directory 'media/sda1': No such file or directory
/ # ls
bin      dev      etc      init     init~   lib      mnt      proc     root     sbin     sys      usr
/ # mkdir /media
/ # mkdir media/sda1
/ # mount dev/sda1 media/sda1
FAT-fs (sda1): Volume was not properly unmounted. Some data may be corrupt. Please run fsck.
/ #
/ # ls media/sda1
random: nonblocking pool is initialized
????_20170614160755.png  log20170517am
Backup                  ming
FOUND.000               ref_navigator.cpp
Fuel Cell Controller Board ??????.docx  ref_navigator.h
Hybrid Battery          test
RecoverSetupB.exe       uav
leddar_test             update
log                     ~$$.~vsd
log20170505am
/ #
```

操作：创建将要被挂载的目标文件夹（/media/sda1），使用mount命令将指定的设备文件挂载到目标文件夹

解挂操作：使用“umount 设备文件”（mount /dev/sdb1）命令，进行解挂。

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• 备注：

df -h #查看文件系统的磁盘空间占用情况

```
user@user-virtual-machine:~$ df -l
Filesystem      1K-blocks    Used Available Use% Mounted on
/dev/sda1        40120704 23191996  14867652  61% /
udev             503072      4      503068    1% /dev
tmpfs            102516      756     101760    1% /run
none             5120        0        5120     0% /run/lock
none            512572     200     512372    1% /run/shm
/dev/sdb4        7805944 1820868  5985076   24% /media/64B4-4E10
```

NOTE：上图为查看文件系统及挂载的路径。

参考：[Linux下实现自动挂载功能](#)