Brancher un Samsung Galaxy S4

Depuis la version 4, on ne passe plus par l'USB MASS STORAGE mais par le protocole MTP

```
# dmesg
[ 2254.973530] usb 1-1: new high-speed USB device number 19 using xhci_hcd
[ 2255.123346] usb 1-1: New USB device found, idVendor=04e8, idProduct=6860,
bcdDevice= 4.00
[ 2255.123353] usb 1-1: New USB device strings: Mfr=1, Product=2,
SerialNumber=3
[ 2255.123356] usb 1-1: Product: SAMSUNG_Android
[ 2255.123358] usb 1-1: Manufacturer: SAMSUNG
[ 2255.123361] usb 1-1: SerialNumber: a115bb32
```

```
$ lsusb
...
Bus 001 Device 019: ID 04e8:6860 Samsung Electronics Co., Ltd Galaxy series,
misc. (MTP mode)
...
```

Paquets à installer

```
aptitude install mtp-tools jmtpfs
```

Connecter l’appareil

Brancher l’appareil via le cable USB puis

Créer dans le /home de l'user un point de montage Exemple

```
$ cd ~
$ mkdir Samsung
```

Monter le téléphone

```
$ jmtpfs Samsung/
Device 0 (VID=04e8 and PID=6860) is a Samsung Galaxy models (MTP).
$ cd Samsung
$ ls
Phone
$ cd Phone
$ ls
Alarms   Documents  Music          Pictures   Ringtones
```

```
Android  Download   Notifications  Playlists  Samsung
DCIM     Movies     PhotoEditor    Podcasts   SMemo
```

Démonter le périphérique

```
$ fusermount -u ~/Samsung
```

Créer des alias

Dans **.bash_aliases**

```
alias samsungOn="jmtpfs ~/Samsung/"
alias samsungOut="fusermount -u ~/Samsung"
alias samsungOutForce="fusermount -uz ~/Samsung"
```

```
$ source .bashrc
```

Problème(s)

Bon si soucis lors du démontage, utiliser l'alais de secours (**-uz**)

Alternatives

Jeter un oeil sur le paquet suivant :

```
aptitude show android-file-transfer
Paquet : android-file-transfer
Version : 3.9+dfsg-1+b1
État: non installé
Priorité : optionnel
Section : misc
Responsable : Dylan Aïssi <daissi@debian.org>
Architecture : amd64
Taille décompressée : 1 623 k
Dépend: libc6 (>= 2.14), libfuse2 (>= 2.6), libgcc1 (>= 1:3.0), libqt5core5a
(>=
       5.12.2), libqt5gui5 (>= 5.7.0) | libqt5gui5-gles (>= 5.7.0),
       libqt5widgets5 (>= 5.0.2), libreadline8 (>= 6.0), libstdc++6 (>= 9)
Description : reliable MTP client with minimalistic UI
 Android-File-Transfer is a reliable MTP client with minimalistic UI. Its
 features are: 1. Simple Qt UI with progress dialogs. 2. FUSE wrapper,
 supporting partial read/writes, allowing instant access
     to your files.
```

```
 3. No file size limits. 4. Automatically renames album cover to make it
visible
 from media player. 5. USB ‘Zerocopy’ support found in recent Linux kernel
(no
 user/kernel
     data copying).
 6. No extra dependencies (e.g. libptp/libmtp). 7. Available as
static/shared
 library. 8. Command line tool (aft-mtp-cli).
Site : https://whoozle.github.io/android-file-transfer-linux/
```

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Last update: **2020/11/01 16:55**