

Description of Raspberry Pi resistance touch flip problem

Phenomenon:

Part of the resistive screen Raspberry Pi module installed after the driver has a touch flip problem

Analyze:

If the touch flip occurs, the display driver installation will be abnormal, take 3.5-inch-MPI3501 as an example, as shown below:

```
pi@raspberrypi:~ $ sudo rm -rf LCD-show
pi@raspberrypi:~ $ git clone https://github.com/goodtft/LCD-show.git
Cloning into 'LCD-show'...
remote: Enumerating objects: 30, done.
remote: Counting objects: 100% (30/30), done.
remote: Compressing objects: 100% (20/20), done.
Receiving objects: 100% (883/883), 466.80 KiB | 299.00 KiB/s, done.
remote: Total 883 (delta 13), reused 24 (delta 10), pack-reused 853
Resolving deltas: 100% (560/560), done.
pi@raspberrypi:~ $ chmod -R 755 LCD-show
pi@raspberrypi:~ $ cd LCD-show/
pi@raspberrypi:~/LCD-show $ sudo ./LCD35-show
this is raspberrypi kernel
1200
need to update touch configuration
E: Could not get lock /var/lib/dpkg/lock - open (11: Resource temporarily unavailable)
E: Unable to lock the administration directory (/var/lib/dpkg/), is another process using it?
cp: cannot stat '/usr/share/x11/xorg.conf.d/10-evdev.conf': No such file or directory
reboot
```

There was an exception in the process of installing the touch driver package, and the resources were occupied by the system (Raspberry Pi background update resource).

The above question is a probabilistic one, depending on whether the Raspberry Pi is being updated in the background.

Solution:

Re-execute the installation driver and confirm that the installation is successful. The following results should be obtained after successful installation:

```
pi@raspberrypi:~$ sudo rm -rf LCD-show
pi@raspberrypi:~$ git clone https://github.com/goodtft/LCD-show.git
Cloning into 'LCD-show'...
remote: Enumerating objects: 30, done.
remote: Counting objects: 100% (30/30), done.
remote: Compressing objects: 100% (20/20), done.
remote: Total 883 (delta 13), reused 24 (delta 10), pack-reused 853
Receiving objects: 100% (883/883), 466.80 KiB | 204.00 KiB/s, done.
Resolving deltas: 100% (560/560), done.
pi@raspberrypi:~$ chmod -R 755 LCD-show
pi@raspberrypi:~$ cd LCD-show/
pi@raspberrypi:~/LCD-show$ sudo ./LCD35-show
mkdir: cannot create directory '/etc/X11/xorg.conf.d': File exists
this is raspberrypi kernel
1200
need to update touch configuration
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following NEW packages will be installed:
  xserver-xorg-input-evdev
0 upgraded, 1 newly installed, 0 to remove and 0 not upgraded.
Need to get 117 kB of archives.
After this operation, 169 kB of additional disk space will be used.
Get:1 http://mirrors.zju.edu.cn/raspbian/raspbian stretch/main armhf xserver-xorg-input-evdev armhf 1:2.10.5-1 [117 kB]
Fetched 117 kB in 5s (20.2 kB/s)
Selecting previously unselected package xserver-xorg-input-evdev.
(Reading database ... 132855 files and directories currently installed.)
Preparing to unpack .../xserver-xorg-input-evdev_1%3a2.10.5-1_armhf.deb ...
Unpacking xserver-xorg-input-evdev (1:2.10.5-1) ...
Setting up xserver-xorg-input-evdev (1:2.10.5-1) ...
Processing triggers for man-db (2.7.6.1-2) ...
reboot
```