

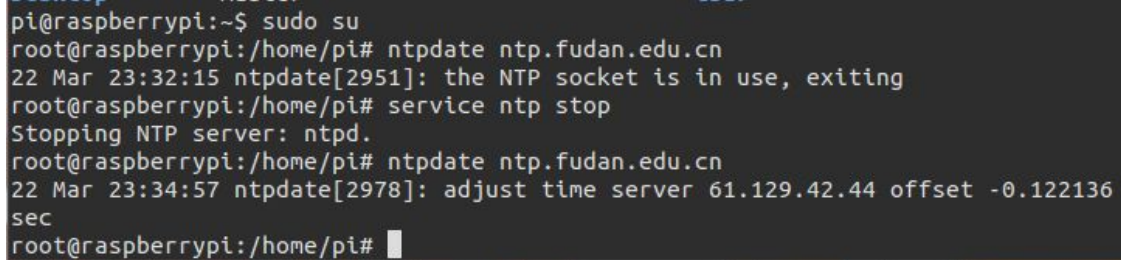
# Task16.Use NTP Service on RPi

Time 3/22 2015 By WangYi (3120101996) Email:zjutiny@gmail.com

Sudo apt-get install ntp # get ntp ntpdate

Then use command: ntpdate server-ip

If the ntp service is already in use, shutdown with: sudo service ntp stop

A terminal window screenshot showing the process of installing and configuring NTP on a Raspberry Pi. The user starts as 'pi' and uses 'sudo su' to become root. Then, 'ntpdate ntp.fudan.edu.cn' is run, which shows a message that the NTP socket is in use and exits. Next, 'service ntp stop' is run, showing the NTP server (ntpd) is stopped. Finally, 'ntpdate ntp.fudan.edu.cn' is run again, which successfully adjusts the time from server 61.129.42.44 by an offset of -0.122136 seconds.

```
pi@raspberrypi:~$ sudo su
root@raspberrypi:/home/pi# ntpdate ntp.fudan.edu.cn
22 Mar 23:32:15 ntpdate[2951]: the NTP socket is in use, exiting
root@raspberrypi:/home/pi# service ntp stop
Stopping NTP server: ntpd.
root@raspberrypi:/home/pi# ntpdate ntp.fudan.edu.cn
22 Mar 23:34:57 ntpdate[2978]: adjust time server 61.129.42.44 offset -0.122136
sec
root@raspberrypi:/home/pi#
```