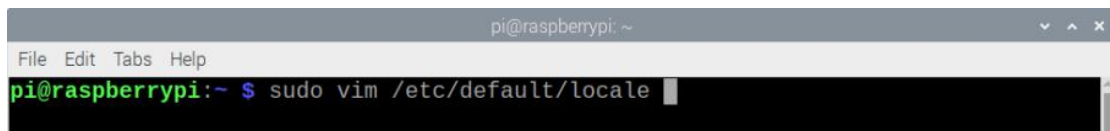


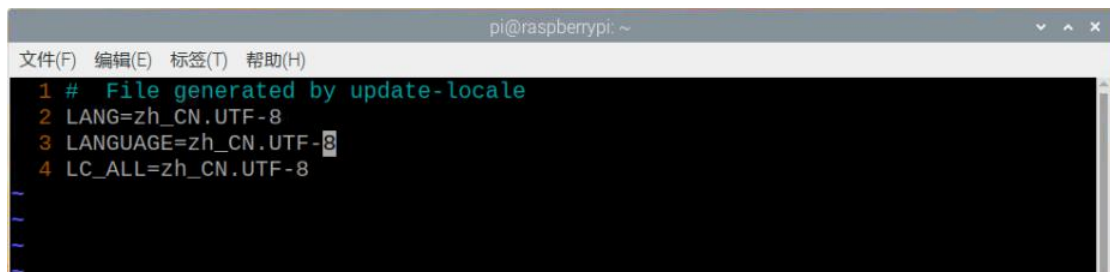
## Raspberry Pi System Language Setting

The steps of switching Raspberry Pi system language to English:

- 1) Enter command "sudo vim /etc/default/locale" to open folder "locale".



```
pi@raspberrypi: ~  
File Edit Tabs Help  
pi@raspberrypi:~ $ sudo vim /etc/default/locale
```



```
pi@raspberrypi: ~  
文件(F) 编辑(E) 标签(T) 帮助(H)  
1 # File generated by update-locale  
2 LANG=zh_CN.UTF-8  
3 LANGUAGE=zh_CN.UTF-8  
4 LC_ALL=zh_CN.UTF-8
```

- 2) The third line in the file is to set the display language of the Raspberry Pi desktop. Revise the language to English. Press "i" to the editing mode, and then modify the third line to "LANGUAGE=en\_US.en".



```
pi@raspberrypi: ~  
文件(F) 编辑(E) 标签(T) 帮助(H)  
1 # File generated by update-locale  
2 LANG=zh_CN.UTF-8  
3 LANGUAGE=en_US.en  
4 LC_ALL=zh_CN.UTF-8
```

- 3) Exit the folder after the modification is completed. Press "Esc", then press "shift+:" at the same time to jump to the last line of the program. Enter "wq" in turn to exit and save the modified file.



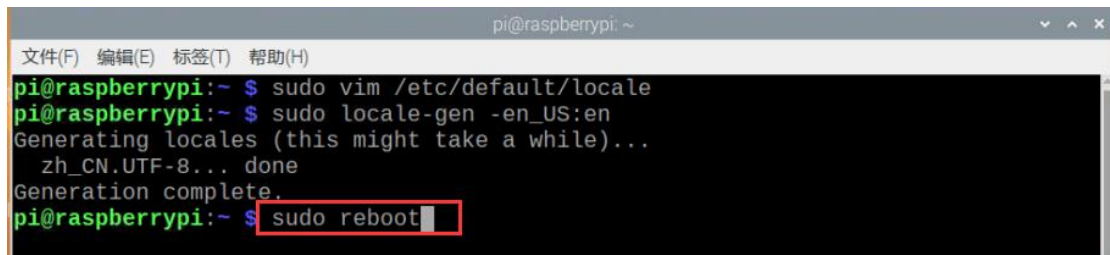
```
:wq
```

4) If we want the modified “local” file to take effect, we also need to set the corresponding environment variable. Enter the command in the terminal: "sudo locale-gen -en\_US:en".



```
pi@raspberrypi: ~  
文件(F) 编辑(E) 标签(T) 帮助(H)  
pi@raspberrypi:~ $ sudo vim /etc/default/locale  
pi@raspberrypi:~ $ sudo locale-gen -en_US:en
```

5) Enter command “sudo reboot” to restart the robot. Or switch off Raspberry Pi directly and turn on again to update the system.



```
pi@raspberrypi: ~  
文件(F) 编辑(E) 标签(T) 帮助(H)  
pi@raspberrypi:~ $ sudo vim /etc/default/locale  
pi@raspberrypi:~ $ sudo locale-gen -en_US:en  
Generating locales (this might take a while)...  
  zh_CN.UTF-8... done  
Generation complete.  
pi@raspberrypi:~ $ sudo reboot
```

---

Note: The hardware must be restarted here, and the soft restart is invalid(command: sudo systemctl restart tonypi.service).

---

6) After starting, connect the hotspot to enter the VNC again. The interface will be changed to English.