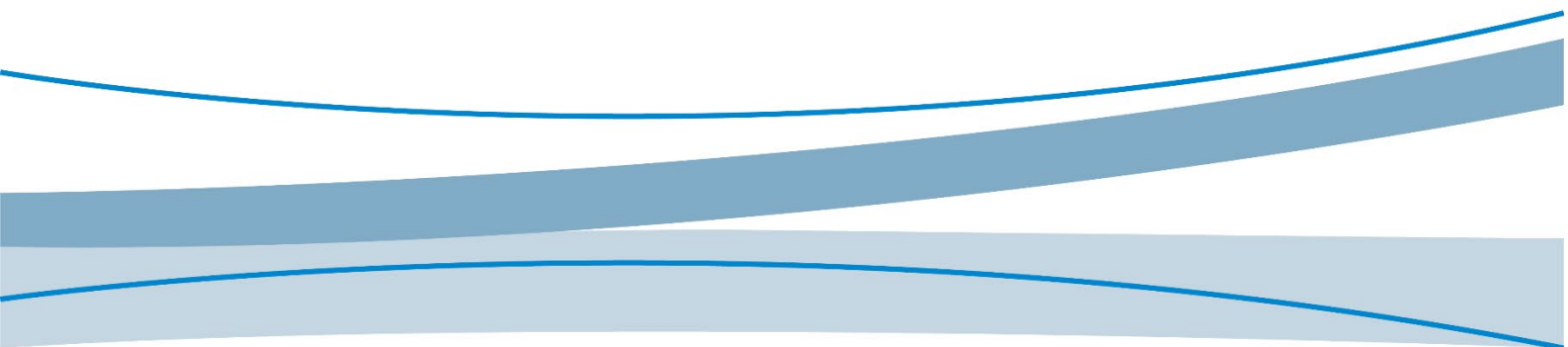




QT 功能测试（SC171 开发套件 V3）

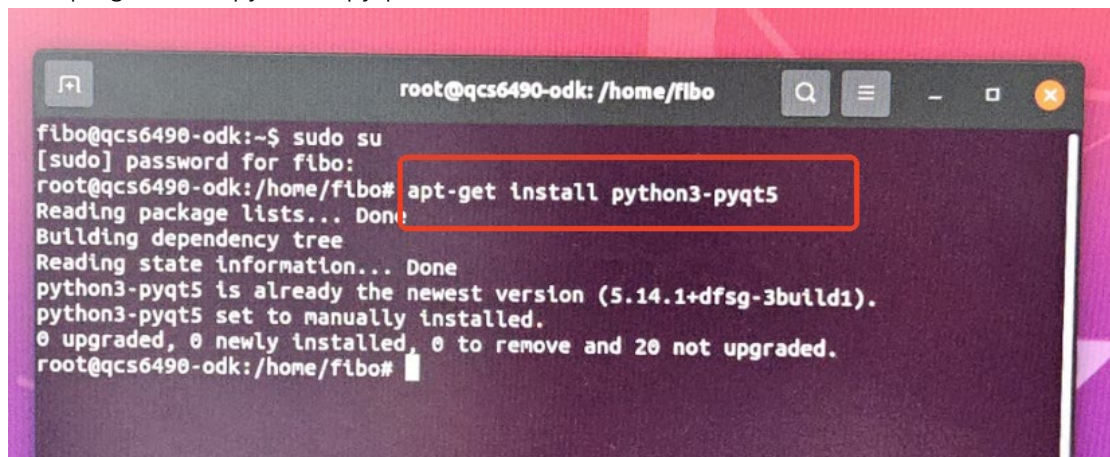
V1.1



1、注：使用 QT 功能时，SC171 开发套件需连接显示器

2、打开开发板终端，输入以下命令下载 PyQt5 库

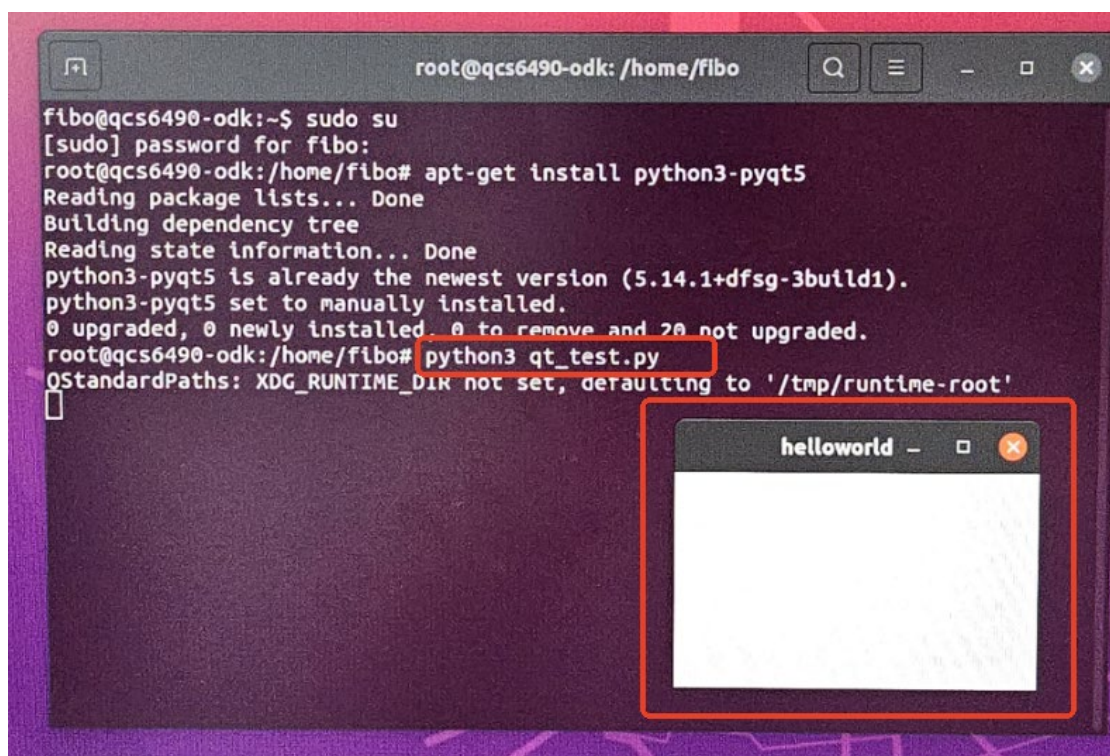
`apt-get install python3-pyqt5`



A terminal window on a QCS6490-odk board. The user runs `sudo su` to become root. Then, the command `apt-get install python3-pyqt5` is entered and highlighted with a red box. The terminal output shows that the package is already the newest version (5.14.1+dfsg-3build1) and is set to manually installed. The prompt returns to `root@qcs6490-odk:/home/fibo#`.

```
root@qcs6490-odk:/home/fibo
fibo@qcs6490-odk:~$ sudo su
[sudo] password for fibo:
root@qcs6490-odk:/home/fibo# apt-get install python3-pyqt5
Reading package lists... Done
Building dependency tree
Reading state information... Done
python3-pyqt5 is already the newest version (5.14.1+dfsg-3build1).
python3-pyqt5 set to manually installed.
0 upgraded, 0 newly installed, 0 to remove and 20 not upgraded.
root@qcs6490-odk:/home/fibo#
```

3、将 QT 测试文件 `qt_test.py` 复制到板卡中，直接运行，可以看到 helloworld 框，QT 测试成功



The same terminal window as before. The user runs `python3 qt_test.py`, which is highlighted with a red box. The output shows the Qt standard paths and a warning about the XDG_RUNTIME_DIR. A small window titled "helloworld" appears on the right, also highlighted with a red box. The window contains the text "Hello World".

```
root@qcs6490-odk:/home/fibo
fibo@qcs6490-odk:~$ sudo su
[sudo] password for fibo:
root@qcs6490-odk:/home/fibo# apt-get install python3-pyqt5
Reading package lists... Done
Building dependency tree
Reading state information... Done
python3-pyqt5 is already the newest version (5.14.1+dfsg-3build1).
python3-pyqt5 set to manually installed.
0 upgraded, 0 newly installed, 0 to remove and 20 not upgraded.
root@qcs6490-odk:/home/fibo# python3 qt_test.py
QStandardPaths: XDG_RUNTIME_DIR not set, defaulting to '/tmp/runtime-root'
```