

Qt5.5.1USB

1.qdevicediscovery_static.cppdeviceDetected/deviceRemoved
2./dev/input/QFileSystemWatcherdirectoryChanged

Qtqbase/src/platformsupport/input/evdevmouse/

1.qdevicediscovery_static.cppqdevicediscovery_hotplug.cppqdevicediscovery_hotplug_p.hstatichotplug

```
2..cppQStringList
#include <QFileSystemWatcher>
#include <QStringList>
QFileSystemWatcher *m_fileWatcher;
QStringList m_devices;
```

```
private slots:
void handleHotPlugWatch(const QString &path);
```

3.

```
//
m_fileWatcher = new QFileSystemWatcher(this);
m_fileWatcher->addPath(QString::fromLatin1(QT_EVDEV_DEVICE_PATH)); // "dev/input/"
connect(m_fileWatcher, SIGNAL(directoryChanged(QString)), this, SLOT(handleHotPlugWatch(QString)));
```

2

```
void QDeviceDiscoveryHotPlug::handleHotPlugWatch(const QString &path)
{
    if(path.compare(QString::fromLatin1(QT_EVDEV_DEVICE_PATH)))
    {
        return;
    }
    QStringList devices;
    //
    foreach (const QString &device, m_devices)
        deviceRemoved(device);

    //
    //
    // QDeviceDiscovery::Device_Keyboard
    devices = this->scanConnectedDevices();

    //
    foreach (const QString &device, devices)
        deviceDetected(device);
}
```

4.QQStringList QDeviceDiscoveryHotPlug::scanConnectedDevices()

```
QStringList devices;m_devices.clear();devicesm_devices
```

devicediscovery.pri

```
} else: contains(QT_CONFIG, evdev) {  
    SOURCES += $$PWD/qdevicediscovery_hotplug.cpp  
    HEADERS += $$PWD/qdevicediscovery_hotplug_p.h  
}
```

make/make installqt