

# Developer Mode of iOS and iDeviceInstaller

## Developer Mode

I was once an iOS developer for some time. But my career focus has shifted to other technologies. However, it is still very useful to apply iOS development knowledge even though I am not a professional iOS developer now.

Recently, I wanted to share my installed apps. But if I took screenshots of all apps from the home screen or from the app list in settings, it would be a mess. So I needed to find a way to view all installed apps.

Here are the steps to view all installed apps using Xcode:

1. Connect your iPhone to your Mac via USB
2. Open Xcode
3. Go to Window → Devices and Simulators (or press Shift + Cmd + 2)
4. Select your iPhone from the left sidebar
5. In the main panel, scroll down to the “Installed Apps” section

It has other useful functions:

1. Taking screenshots
2. Opening recent logs
3. Opening the console

## xcrun

```
(base) lzwjava@192 Downloads % xcrun devicectl device info apps --device 00008120-xxxx --verbose
Using verbose logging.

2024-12-03 16:24:18.579+0800 Enabling developer disk image services.
2024-12-03 16:24:18.637+0800 Acquired usage assertion.

Apps installed:
- 0 elements

Command Completed, took 0.120 seconds
```

## iDeviceInstaller

```
brew install iDeviceInstaller
iDeviceInstaller -l

(base) lzwjava@192 Downloads % iDeviceInstaller -l
```

```
CFBundleIdentifier, CFBundleVersion, CFBundleDisplayName  
com.huawei.smarthome-ios, "14.1.1.325", "HUAWEI AI Life"  
com.sf-express.waybillcn, "9.70.0.1", "顺丰速运"  
com.roblox.robloxmobile, "2.652.762", "Roblox"  
co.alphaexploration.clubhouse, "3273", "Clubhouse"  
com.dbs.mbanking.cn, "11", "DBS digibank"  
global.longbridge.ios, "59579", "Longbridge"  
imgurmobile, "416", "Imgur"  
com.creditkarma.mobile, "17316145", "Credit Karma"  
...
```