React Native

RN中文网: http://www.reactnative.cn

RN英文网: http://facebook.github.io/react-native/

查看RN API以及相关的信息 API 目前请看0.36版本.

ES 6 中文文档地址: http://es6.ruanyifeng.com

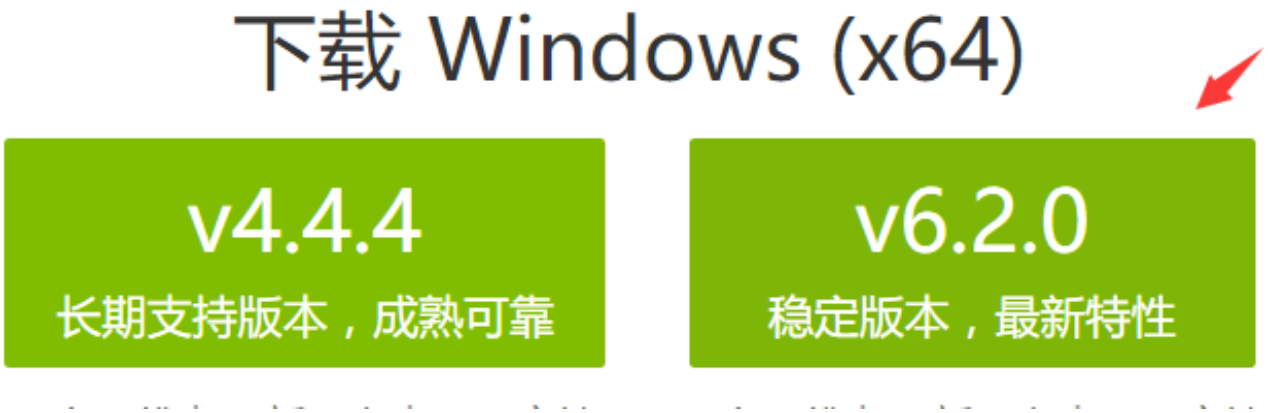
Python2 (注意目前不支持**Python 3**版本)

下载地址: https://www.python.org/downloads/release/python-2712/

Version	Operating System	De
Gzipped source tarball	Source release	
XZ compressed source tarball	Source release	
Mac OS X 32-bit i386/PPC installer	Mac OS X	for
Mac OS X 64-bit/32-bit installer	Mac OS X	for
Windows debug information files	Windows	
Windows debug information files for 64-bit binaries	Windows	
Windows help file	Windows	
Windows x86-64 MSI installer	Windows	for
Windows x86 MSI installer	Windows	

NodeJS(目前请安装**6.2**的版本)

下载地址: http://nodejs.cn/



配置镜像地址为淘宝

```
npm config set registry https://registry.npm.taobao.org --global
npm config set disturl https://npm.taobao.org/dist --global
```

React Native命令行工具（react-native-cli）

```
npm install -g react-native-cli
```

GIt

下载地址:https://tortoisegit.org/download/

Please make sure that you choose the right installer for your PC, otherwise the setup will fail.

for 32-bit OS	for 64-bit OS
Download TortoiseGit 2.3.0 - 32-bit (~16.0 MiB)	Download TortoiseGit 2.3.0 - 64-bit (~18.8 MiB)

Before reporting an issue, please check that your problem isn't fixed in our latest preview release. Also see happened?

Language Packs

The language packs contain no standalone localized version of TortoiseGit, you need TortoiseGit from above download size of 2-6.5 MiB.

Language	Code	Completeness	32 Bit	64 Bit
Bulgarian	bg	56%	Setup	Setup
Catalan	ca	87%	Setup	Setup
Chinese, simplified	zh_CN	100%	Setup	Setup

Android 配置

Android Studio(2.0以上版本, 建议更新到最新版本)

下载地址：http://www.androiddevtools.cn/

2.2.2	Windows	android-studio-bundle-145.3360264-windows.exe (推荐)	1641 MB
		android-studio-ide-145.3360264-windows.exe (不含SDK Tools)	423 MB
	我推荐	android-studio-ide-145.3360264-windows.zip	445 MB
	Mac OS X	android-studio-ide-145.3360264-mac.dmg	440 MB
	Linux	android-studio-ide-145.3360264-linux.zip	445 MB

Java Development Kit [JDK] 1.8

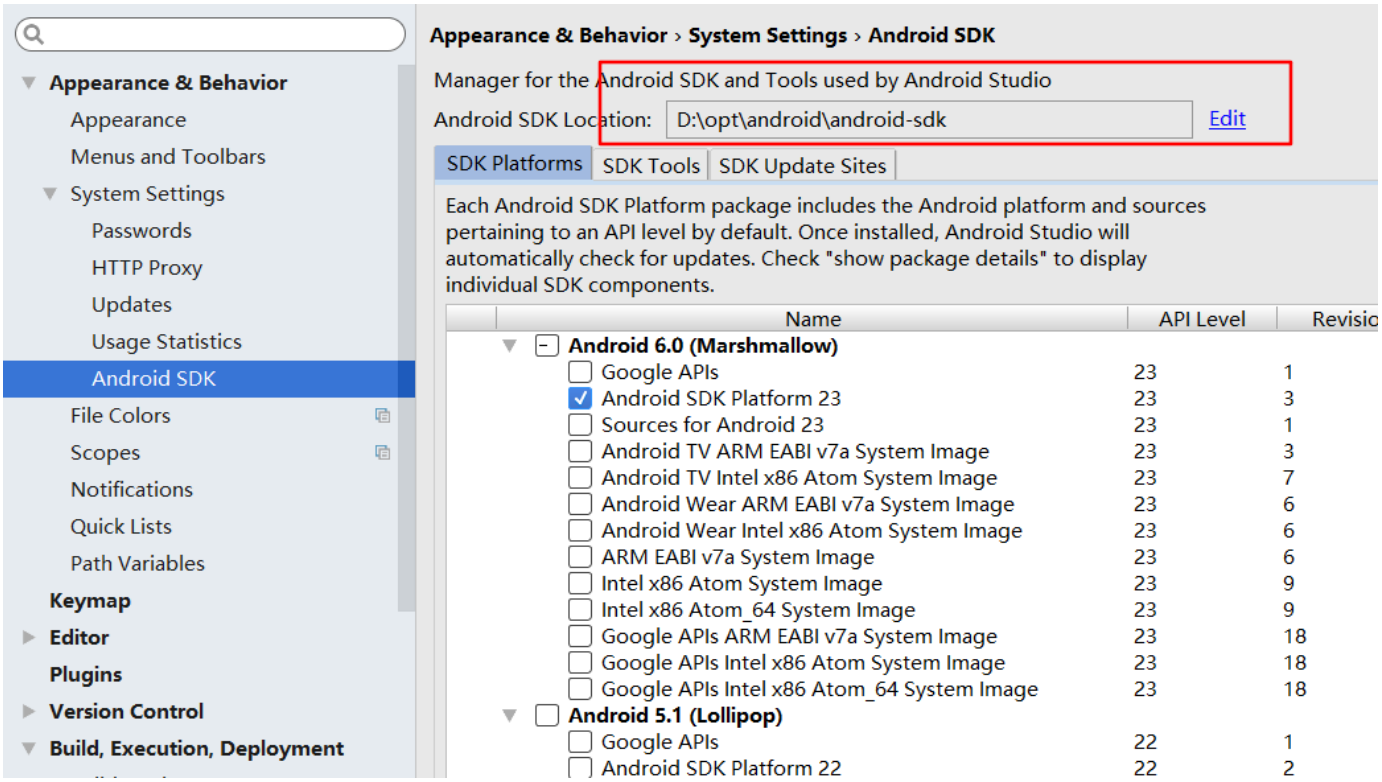
下载地址：http://www.oracle.com/technetwork/java/javase/downloads/jdk8-downloads-2133151.html

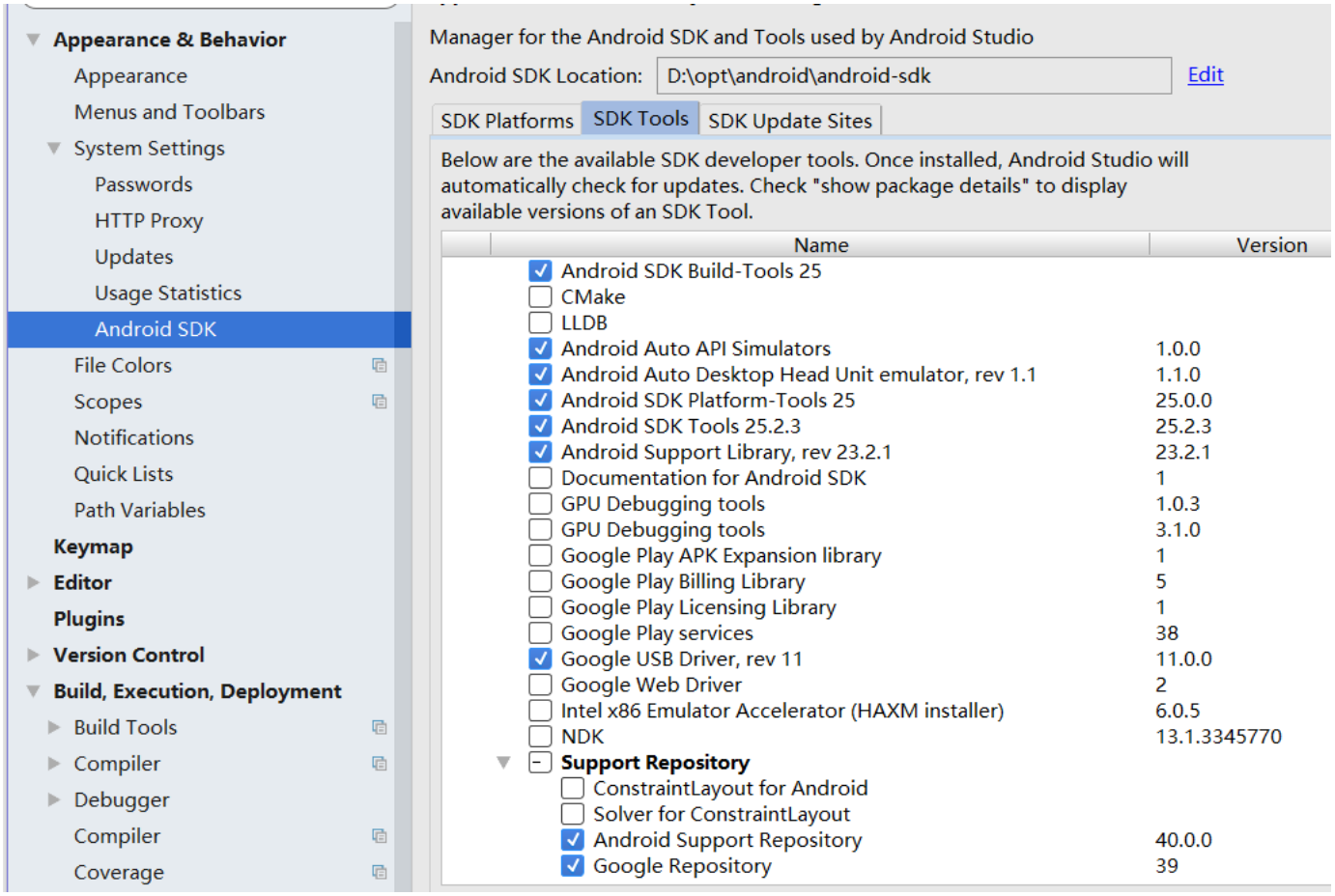
Java SE Development Kit 8u112

You must accept the Oracle Binary Code License Agreement for Java SE to download this software.
Thank you for accepting the Oracle Binary Code License Agreement for Java SE; you may now download this software.

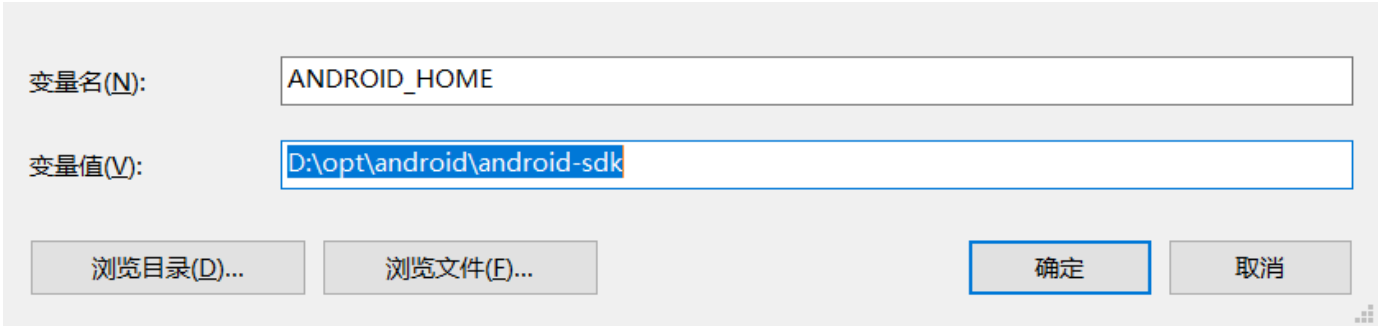
Product / File Description	File Size	Download
Linux x86	162.42 MB	jdk-8u112-linux-i586.rpm
Linux x86	177.12 MB	jdk-8u112-linux-i586.tar.gz
Linux x64	159.97 MB	jdk-8u112-linux-x64.rpm
Linux x64	174.73 MB	jdk-8u112-linux-x64.tar.gz
Mac OS X	223.15 MB	jdk-8u112-macosx-x64.dmg
Solaris SPARC 64-bit	139.78 MB	jdk-8u112-solaris-sparcv9.tar.Z
Solaris SPARC 64-bit	99.06 MB	jdk-8u112-solaris-sparcv9.tar.gz
Solaris x64	140.46 MB	jdk-8u112-solaris-x64.tar.Z
Solaris x64	96.86 MB	jdk-8u112-solaris-x64.tar.gz
Windows x86	188.99 MB	jdk-8u112-windows-i586.exe
Windows x64	195.13 MB	jdk-8u112-windows-x64.exe

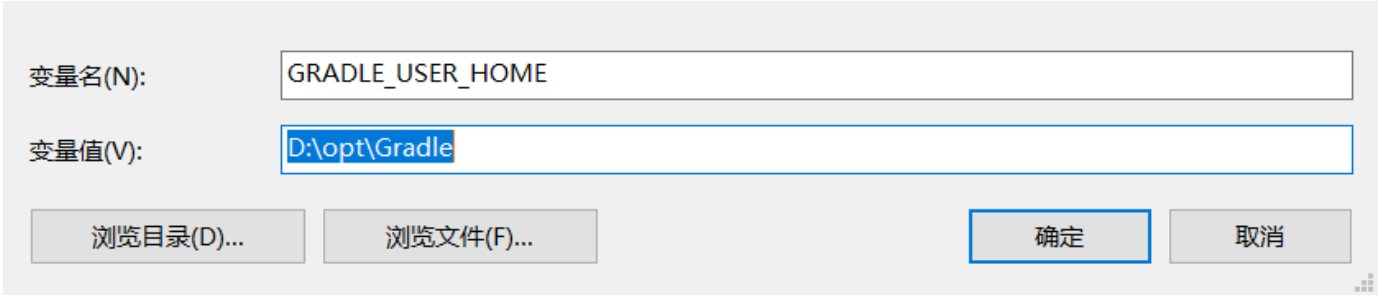
Android SDK


Appearance & Behavior › System Settings › Android SDK
Appearance & Behavior
Appearance
Menus and Toolbars
System Settings
Passwords
HTTP Proxy
Updates
Usage Statistics
Android SDK
File Colors
Scopes
Notifications
Quick Lists
Path Variables
Keymap
Editor
Plugins
Version Control
Build, Execution, Deployment
Manager for the Android SDK and Tools used by Android Studio
Android SDK Location: D:\opt\android\android-sdk
Edit
SDK Platforms
SDK Tools
SDK Update Sites
Each Android SDK Platform package includes the Android platform and sources pertaining to an API level by default. Once installed, Android Studio will automatically check for updates. Check "show package details" to display individual SDK components.
Name
API Level
Revisic
Android 6.0 (Marshmallow)
Google APIs 23 1
Android SDK Platform 23 23 3
Sources for Android 23 23 1
Android TV ARM EABI v7a System Image 23 3
Android TV Intel x86 Atom System Image 23 7
Android Wear ARM EABI v7a System Image 23 6
Android Wear Intel x86 Atom System Image 23 6
ARM EABI v7a System Image 23 6
Intel x86 Atom System Image 23 9
Intel x86 Atom_64 System Image 23 9
Google APIs ARM EABI v7a System Image 23 18
Google APIs Intel x86 Atom System Image 23 18
Google APIs Intel x86 Atom_64 System Image 23 18
Android 5.1 (Lollipop)
Google APIs 22 1
Android SDK Platform 22 22 2

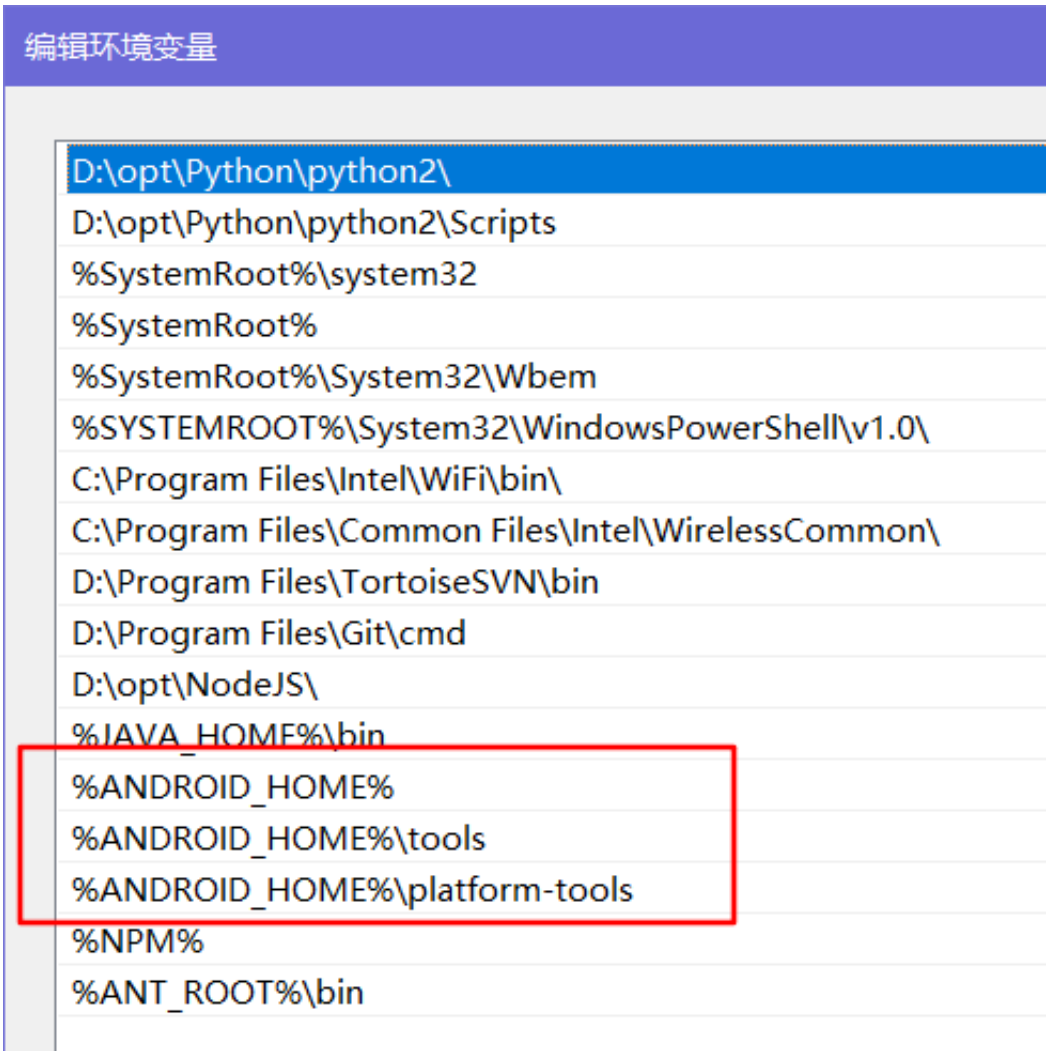

Appearance & Behavior
Appearance
Menus and Toolbars
System Settings
Passwords
HTTP Proxy
Updates
Usage Statistics
Android SDK
File Colors
Scopes
Notifications
Quick Lists
Path Variables
Keymap
Editor
Plugins
Version Control
Build, Execution, Deployment
Build Tools
Compiler
Debugger
Compiler
Coverage
Manager for the Android SDK and Tools used by Android Studio
Android SDK Location: D:\opt\android\android-sdk
Edit
SDK Platforms
SDK Tools
SDK Update Sites
Below are the available SDK developer tools. Once installed, Android Studio will automatically check for updates. Check "show package details" to display available versions of an SDK Tool.
Name
Version
Android SDK Build-Tools 25
CMake
LLDB
Android Auto API Simulators 1.0.0
Android Auto Desktop Head Unit emulator, rev 1.1 1.1.0
Android SDK Platform-Tools 25 25.0.0
Android SDK Tools 25.2.3 25.2.3
Android Support Library, rev 23.2.1 23.2.1
Documentation for Android SDK 1
GPU Debugging tools 1.0.3
GPU Debugging tools 3.1.0
Google Play APK Expansion library 1
Google Play Billing Library 5
Google Play Licensing Library 1
Google Play services 38
Google USB Driver, rev 11 11.0.0
Google Web Driver 2
Intel x86 Emulator Accelerator (HAXM installer) 6.0.5
NDK 13.1.3345770
Support Repository
ConstraintLayout for Android
Solver for ConstraintLayout
Android Support Repository 40.0.0
Google Repository 39

环境变量配置





在环境变量 PATH 中添加相应的配置



配置Gradle

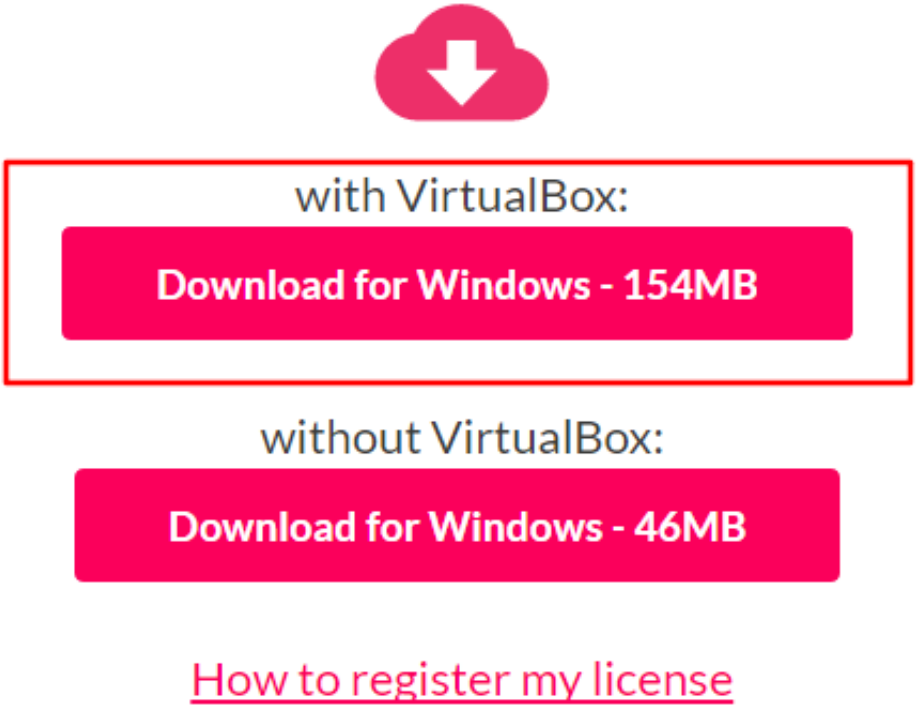
在Gradle的目录新建文件: **init.gradle** 在其中添加如下代码后保存

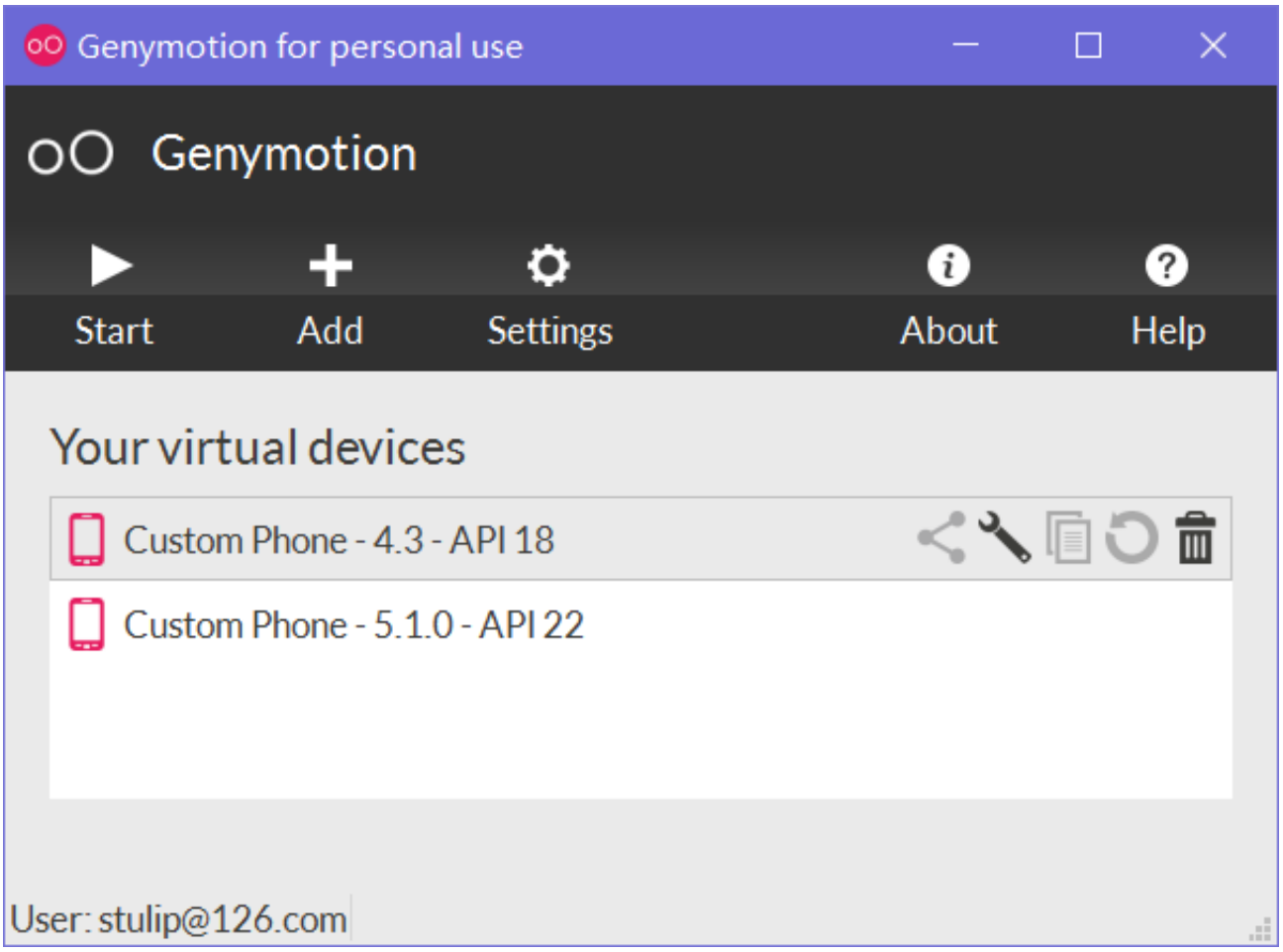
```
allprojects{
    repositories {
        def REPOSITORY_URL = 'http://maven.aliyun.com/nexus/content/groups/public/'
        all { ArtifactRepository repo ->
            if(repo instanceof MavenArtifactRepository){
                def url = repo.url.toString()
                if (url.startsWith('https://repo1.maven.org/maven2') || url.startsWith('https://jcenter.bintray.com/')) {
                    project.logger.lifecycle "Repository ${repo.url} replaced by $REPOSITORY_URL."
                    remove repo
                }
            }
        }
        maven {
            url REPOSITORY_URL
        }
    }
}
```

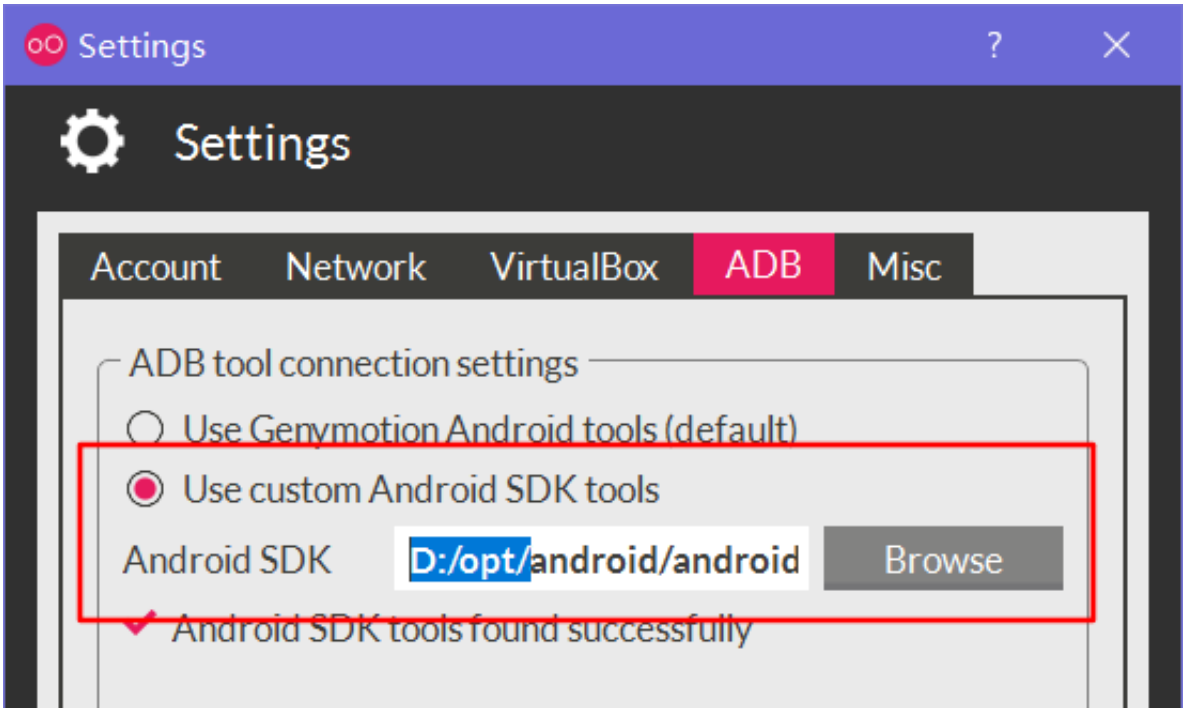
Android 模拟器 (推荐 Genymotion)

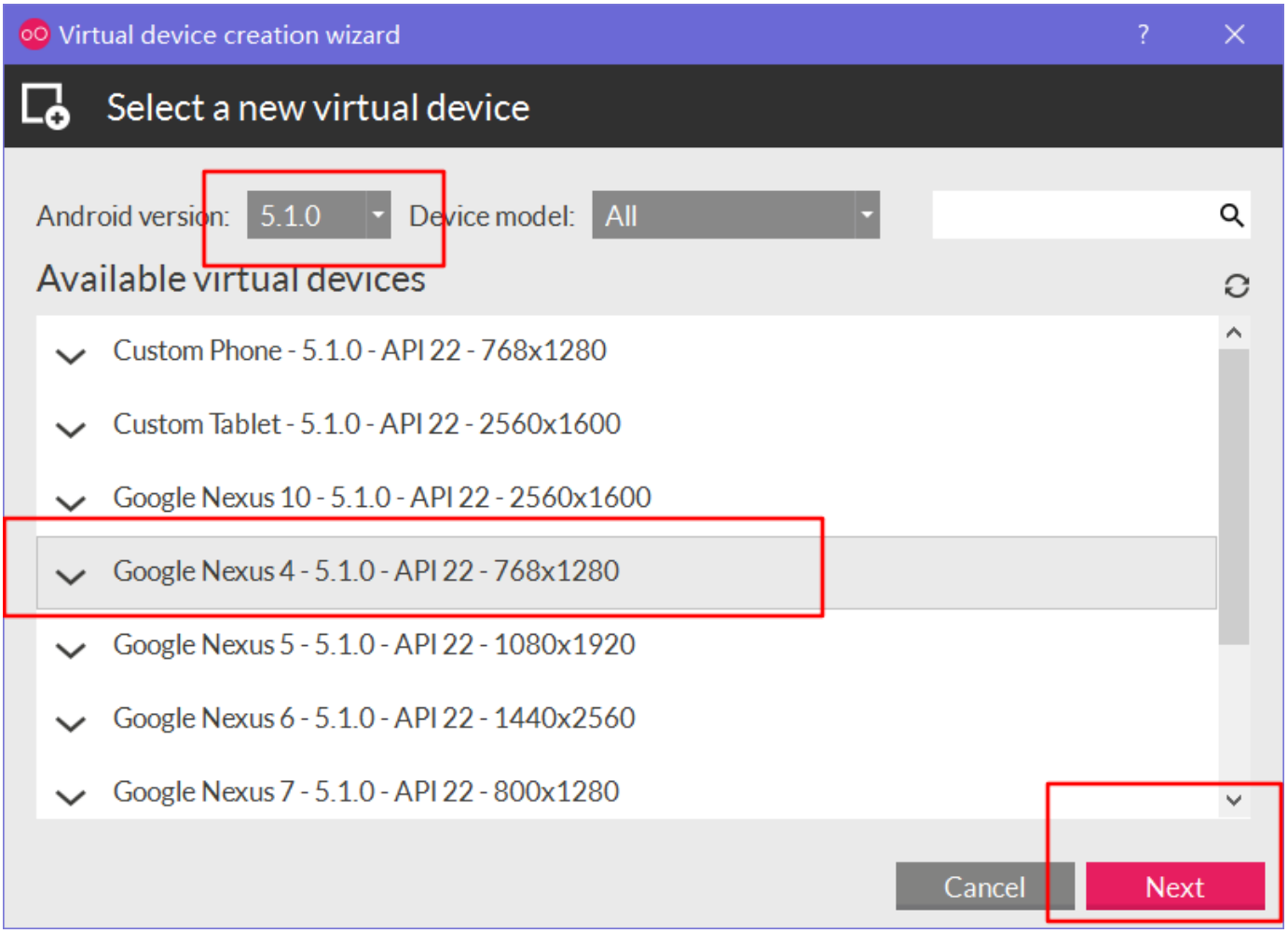
下载地址(需要注册账号登陆): https://www.genymotion.com/download/

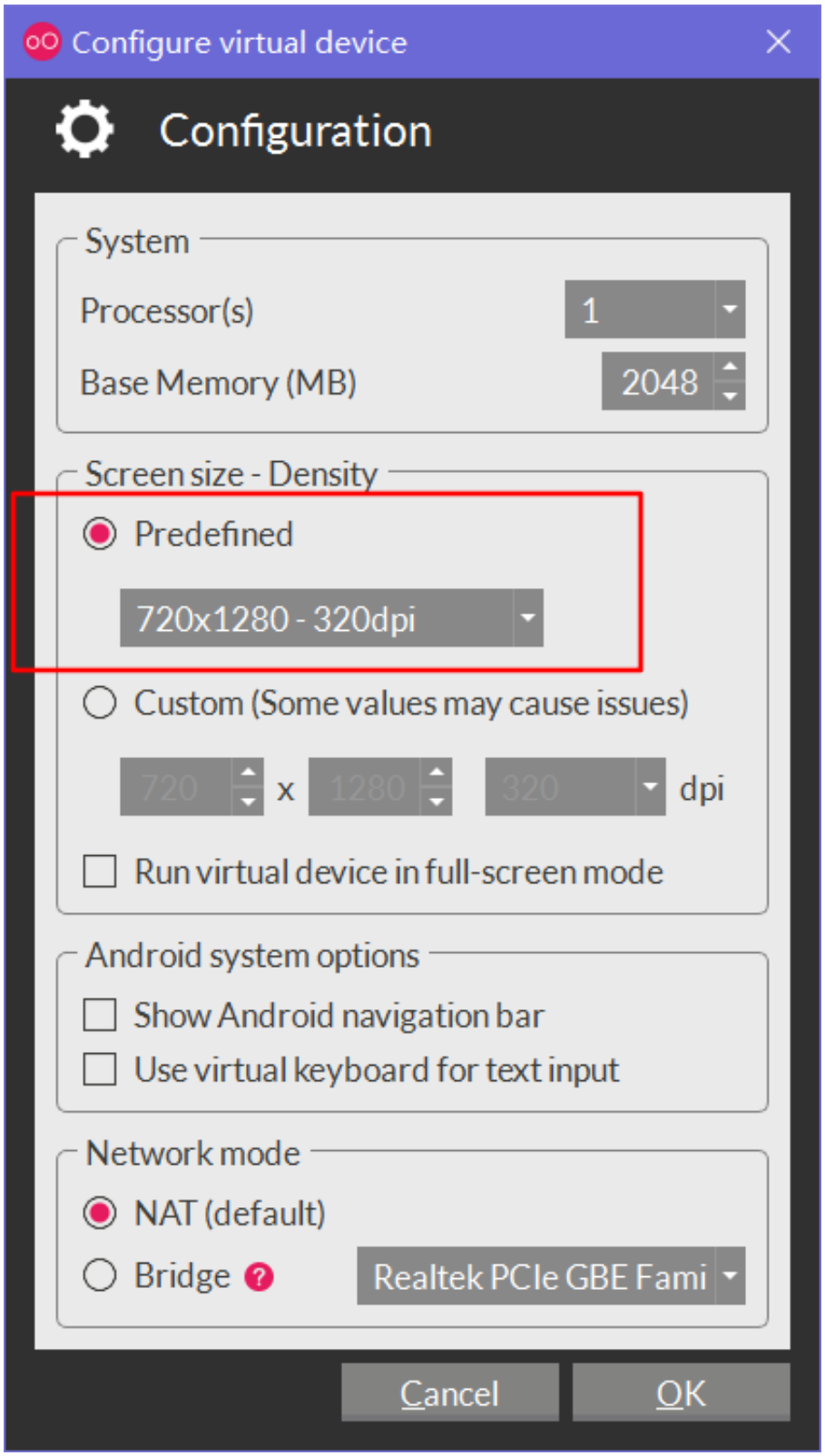
国外的模拟器访问会比较慢. 下载模拟器也会很慢, 但是模拟器很好用. 需要电脑开启VT
如果此模拟器不能安装,可使用Google 自带的Android模拟器, 或者VS Android 模拟器,
国内的一些模拟器最后考虑,比如<夜神模拟器><海马玩>等.




Genymotion for personal use
Genymotion
Start
Add
Settings
About
Help
Your virtual devices
Custom Phone - 4.3 - API 18
Custom Phone - 5.1.0 - API 22
User: stulip@126.com


Settings
Settings
Account
Network
VirtualBox
ADB
Misc
ADB tool connection settings
Use Genymotion Android tools (default)
Use custom Android SDK tools
Android SDK
D:/opt/android/android
Browse
Android SDK tools found successfully


Virtual device creation wizard
Select a new virtual device
Android version:
5.1.0
Device model:
All
Available virtual devices
Custom Phone - 5.1.0 - API 22 - 768x1280
Custom Tablet - 5.1.0 - API 22 - 2560x1600
Google Nexus 10 - 5.1.0 - API 22 - 2560x1600
Google Nexus 4 - 5.1.0 - API 22 - 768x1280
Google Nexus 5 - 5.1.0 - API 22 - 1080x1920
Google Nexus 6 - 5.1.0 - API 22 - 1440x2560
Google Nexus 7 - 5.1.0 - API 22 - 800x1280
Cancel
Next



开发IDE

目前官方的IDE只是支持Mac系统, 这里推荐使用WebStorm或者VS CODE

WebStorm 最新2016.3版本

下载地址: https://www.jetbrains.com/webstorm/download/#section=windows-version