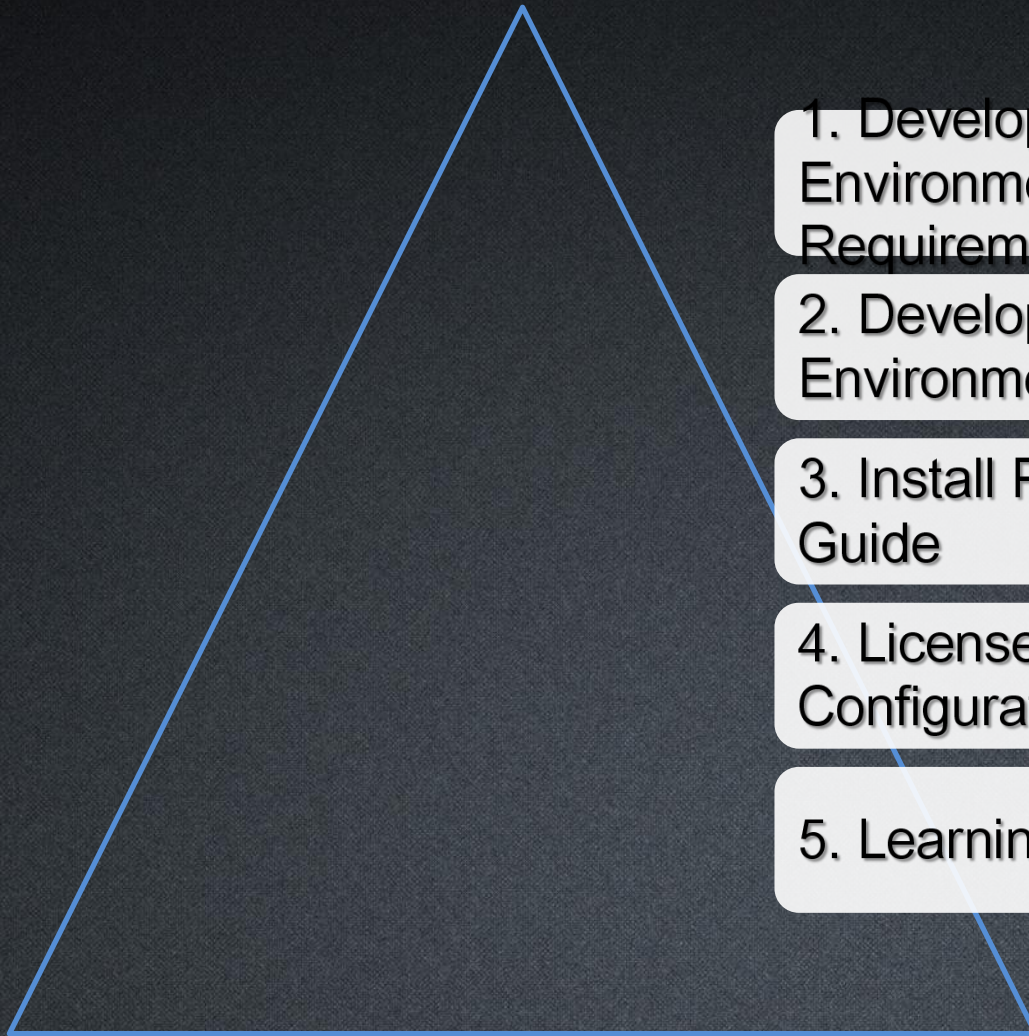


SuperMap iMobile for Android Development Preparation

SuperMap Software Co., Ltd.

Contents



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Environment
Requirements

2. Development
Environment Preparation

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Configuration

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Development Environment Requirement

- Hardware (Recommended)
 - PC
 - CPU: 2GHz or above
 - Memory: 2GB
 - Disk: 40 GB
 - Mobile Device
 - CPU: 1GHz
 - Memory : 2GB
 - Disk : 1 GB

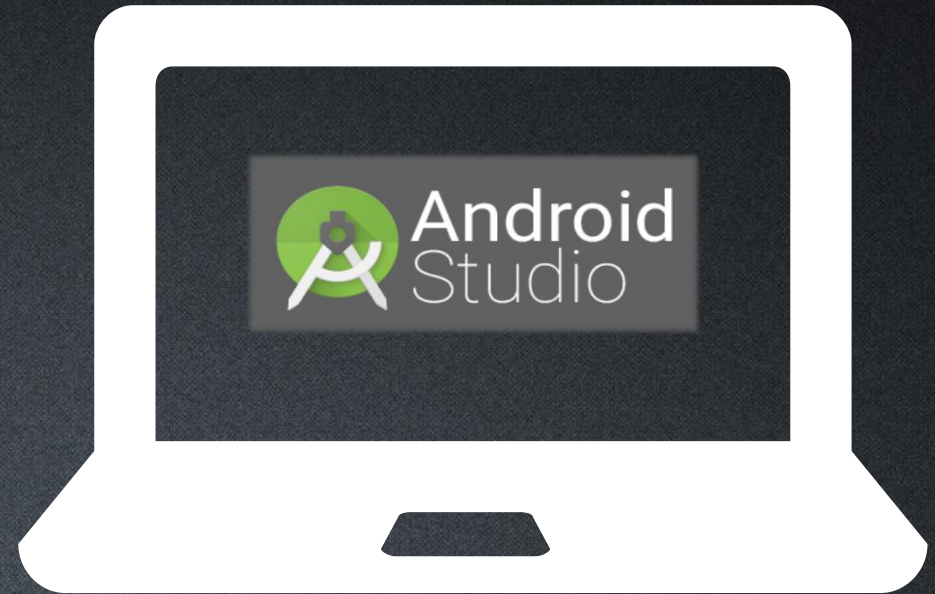
Development Environment Requirement

- Software(Recommended)
 - PC OS
 - Microsoft Windows XP (SP2)
 - Microsoft Windows Server 2003 (SP1) /2008
 - Microsoft Windows Vista
 - Microsoft Windows 7
 - Ubuntu
 - Mobile OS
 - Android 4.1 or above

For details: Help Doc>Developer Guide>Development Environment Configuration for android

Development Environment Requirement

- Android development platform selection



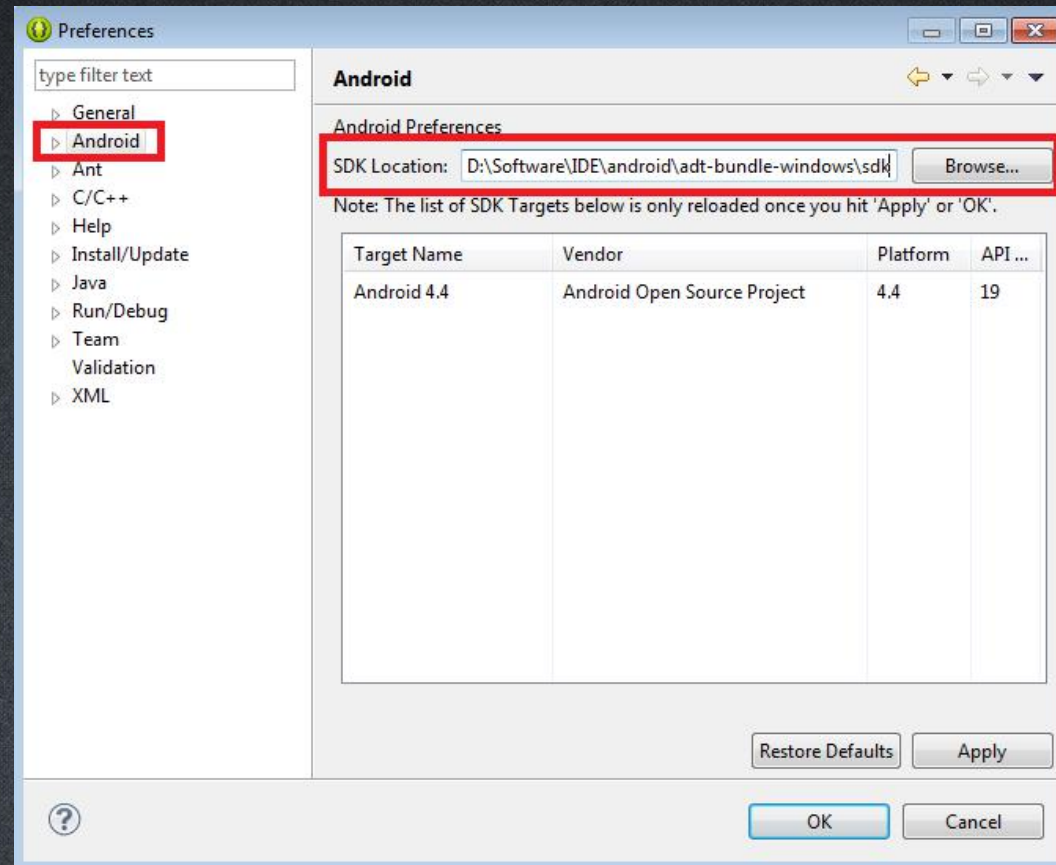
Eclipse + ADT Configuration

- Java Environment Configure
 - JDK Download and install
 - <https://www.oracle.com/technetwork/java/javase/downloads/jdk8-downloads-2133151.html>
 - Set Java environment variable
 - Add JDK bin path to the system path variable
 - Right click "Computer" -> "Properties" -> "Advanced system settings" -> "Environment Variables..."
 - Find Path variable in System variables, add C:\Program Files\Java\jdk1.8.0_151\bin
- Android environment configuration
 - Download ADT Bundle for Windows
 - http://dl.google.com/android/adt/adt-bundle-windows-x86_64-20131030.zip
 - Unzip adt-bundle-windows-x86.zip, which contains:



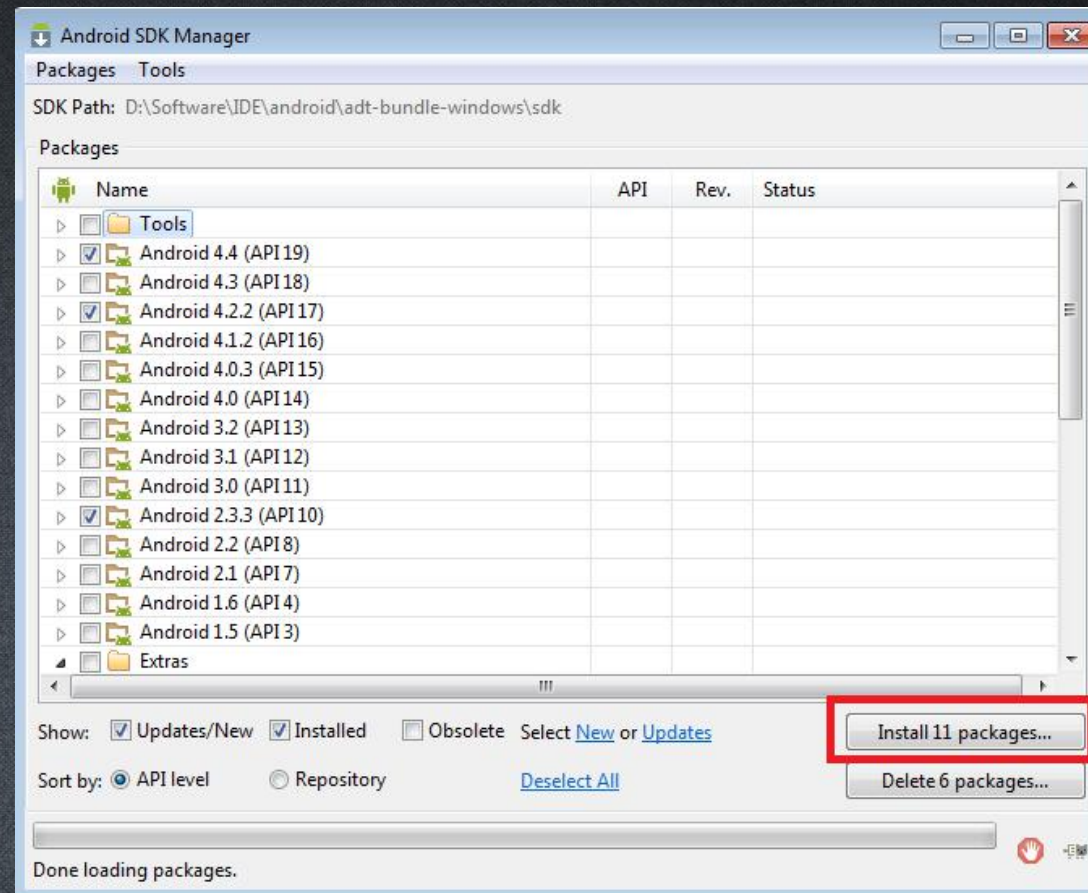
Eclipse + ADT Configuration

- Android environment configuration
 - Open eclipse, choose “Window” -> “Preferences ” , set the path of Android SDK



Eclipse + ADT Configuration

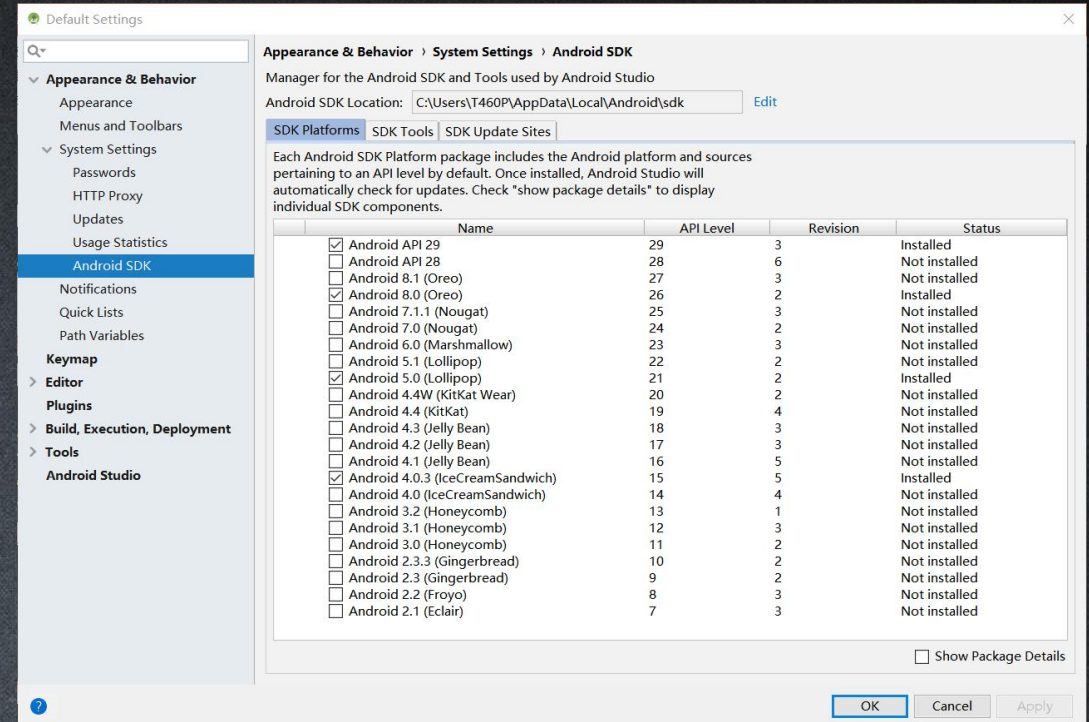
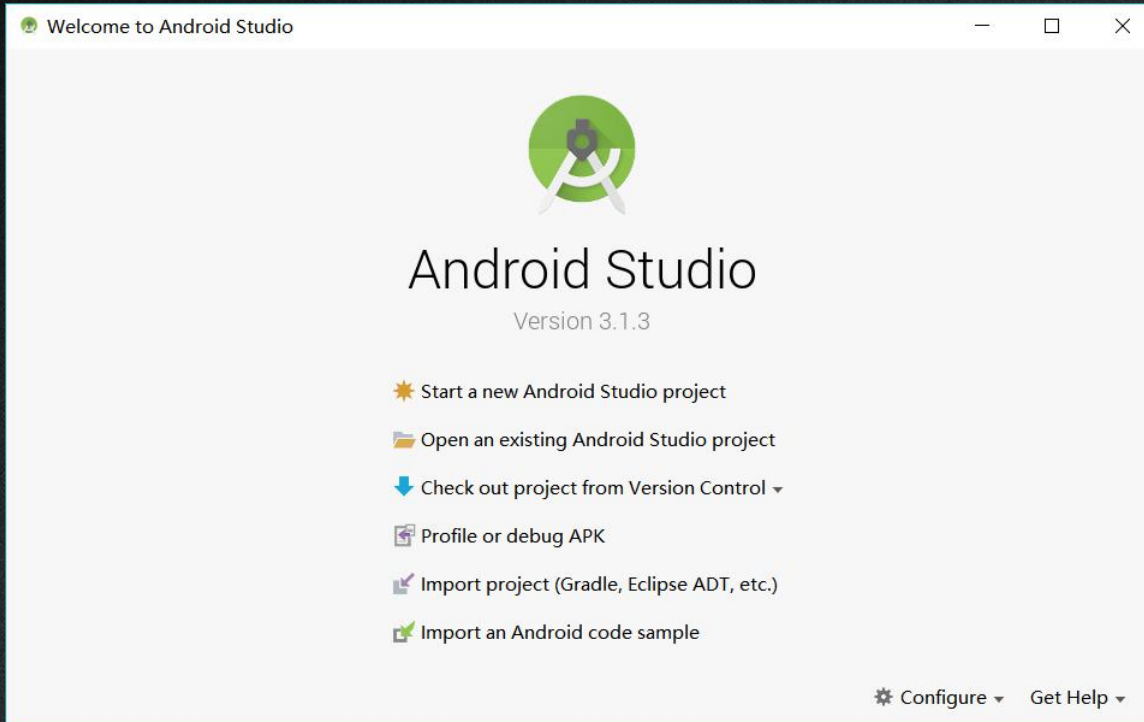
- Install Android SDK
 - Launch SDK Manager.exe, choose the needed Android SDK, install it



Android Studio Configuration

- Java Environment Configure
 - JDK Download and install
 - <https://www.oracle.com/technetwork/java/javase/downloads/jdk8-downloads-2133151.html>
 - Set Java environment variable
 - Add JDK bin path to the system path variable
- Android Studio Installation
 - Android Studio download and install
 - <https://dl.google.com/dl/android/studio/install/3.1.3.0/android-studio-ide-173.4819257-windows.exe>
 - Download SDK packages
 - Welcome page -> Configure -> SDK manager -> Choose platforms -> Apply -> Finish -> OK

Android Studio Configuration



SuperMap iMobile Installation Guide

- Libs
 - SuperMap iMobile API package: contains core dll files and API jar file
- SampleCodes, SampleData
 - Sample codes and sample data used in codes
- SuperMap iMobile for Android.chm
 - Help document
- What's new.htm
 - What's new in this version
-



License Configuration

- License type
 - Trial
 - Official
- License configuration ways
 - Online license (Official)
 - License file (Trial, official)

License Configuration

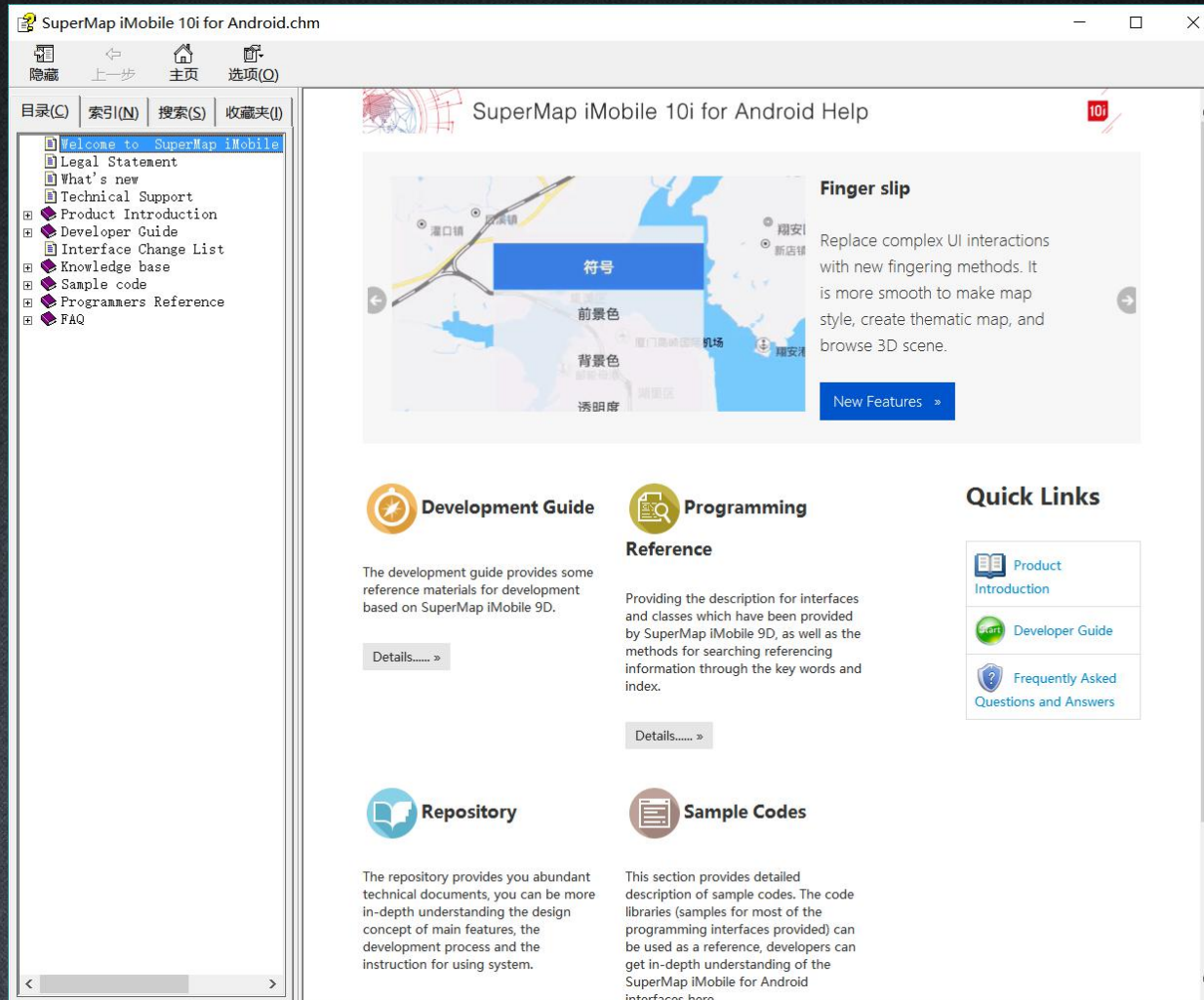
- Configure trial license
 - Apply for a trial license via <http://support.supermap.com.cn/>
 - Get a license file, e.g. "SuperMap iMobile Trial.slm"
 - Then set the location where stores the trial license when initializing the program
 - Push the license file into the specified location of mobile virtual machine or the mobile device

Trail License configure code:

```
//Set the location  
Environment.setLicensePath("/sdcard/SuperMap/license/");  
//Initialize Environment object  
Environment.initialization(this);
```

Learning Resources

- Help Document
- Sample Codes



Thank You!

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