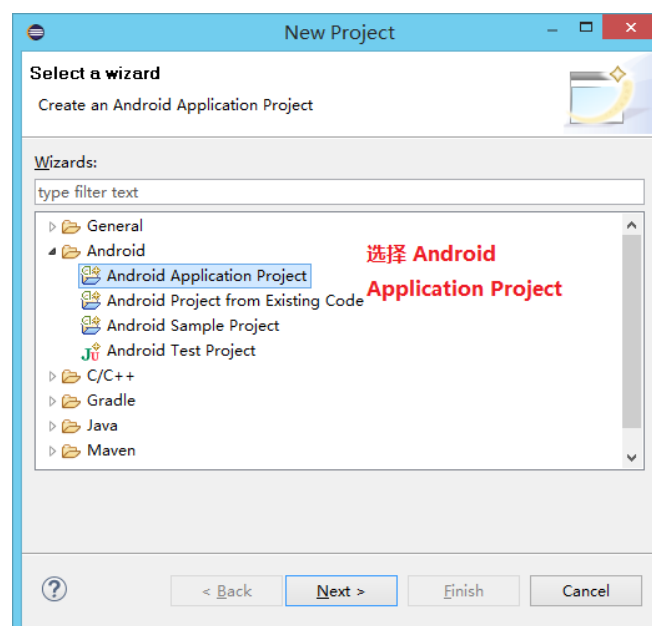
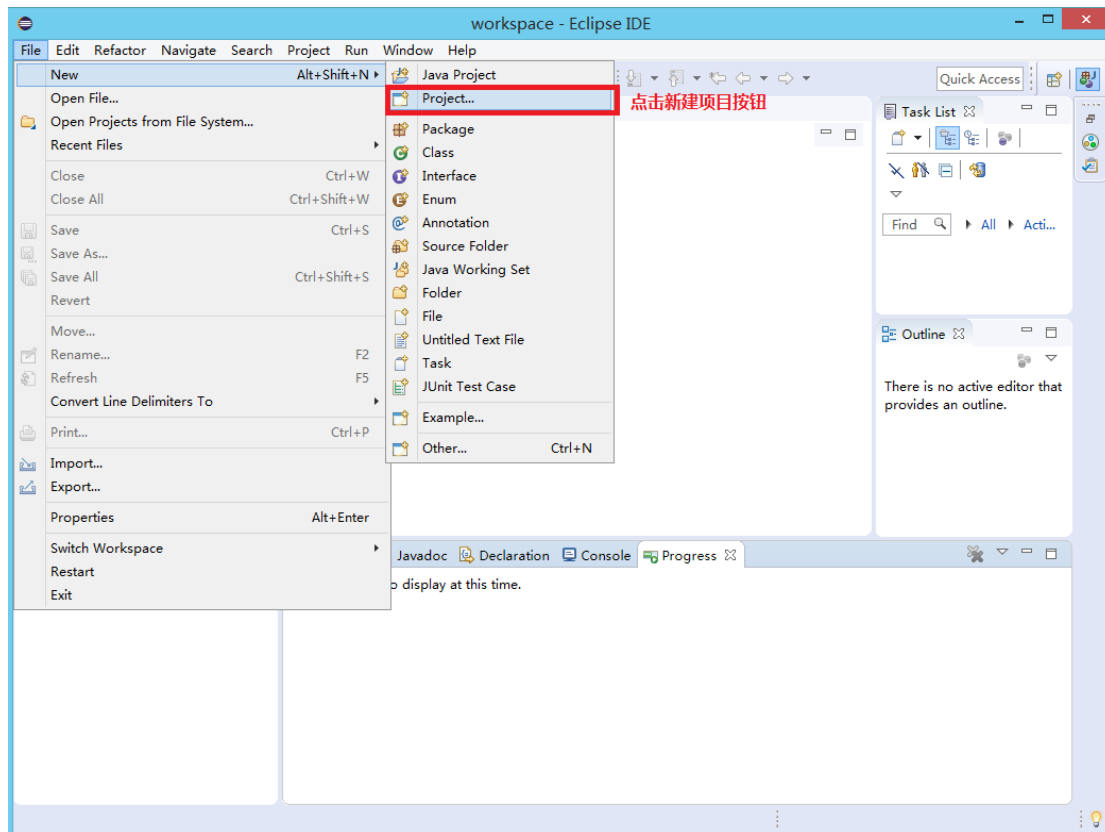


# Android App 开发入门：Hello World

2019 年 8 月 DPS

在搭建完 Android App 开发环境之后，我们就可以构建第一个 Android Application：Hello World 了。本文档将对整个过程进行记录，供大家参考。

首先我们进行项目的新建和项目相关参数的设置，按照以下的过程进行配置：



New Android Application

**New Android Application**

⚠ The prefix 'com.example.' is meant as a placeholder and should not be used

Application Name: HelloWorld

Project Name: HelloWorld

Package Name: com.example.helloworld

Minimum Required SDK: API 14: Android 4.0 (IceCreamSandwich)

Target SDK: API 21: Android 4.X (L Preview)

Compile With: API 19: Android 4.4 (KitKat)

Theme: Holo Light with Dark Action Bar

选择 SDK 版本

💡 The application name is shown in the Play Store, as well as in the Manage Application list in Settings.

< Back Next > Finish Cancel

New Android Application

**Create Activity**

Select whether to create an activity, and if so, what kind of activity.

☒ Create Activity

Blank Activity

Blank Activity with Fragment

Empty Activity

Fullscreen Activity

Master/Detail Flow

Navigation Drawer Activity

Tabbed Activity

选择 Blank Activity

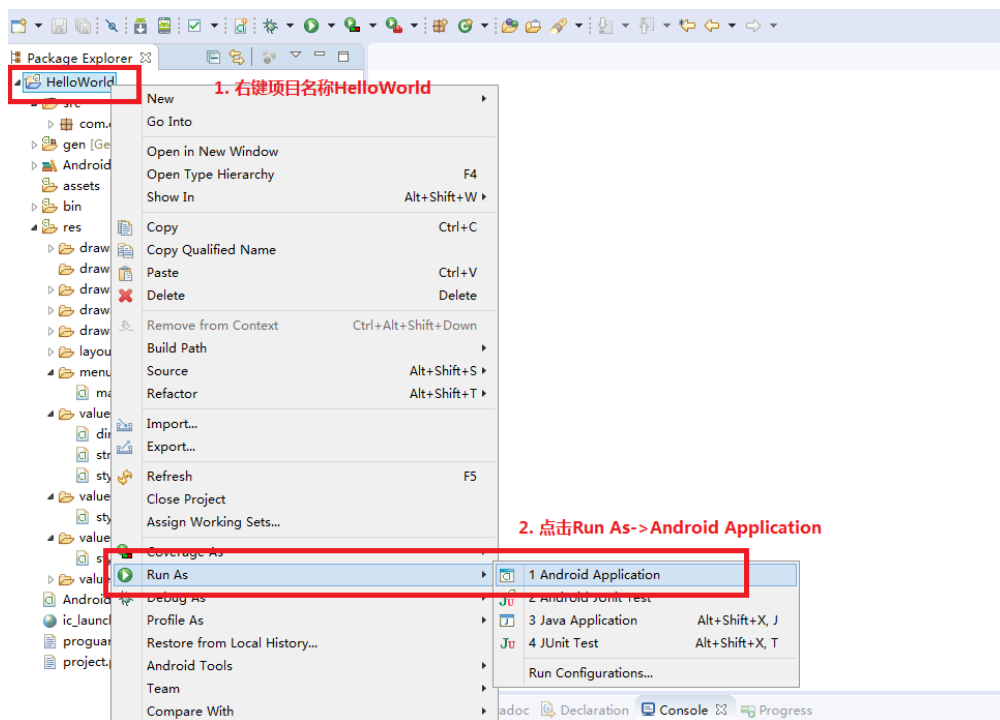
**Blank Activity**

Creates a new blank activity with an action bar.

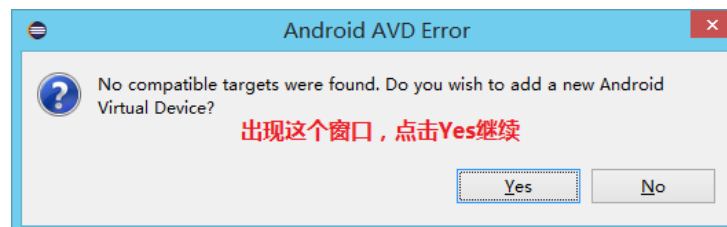
< Back Next > Finish Cancel

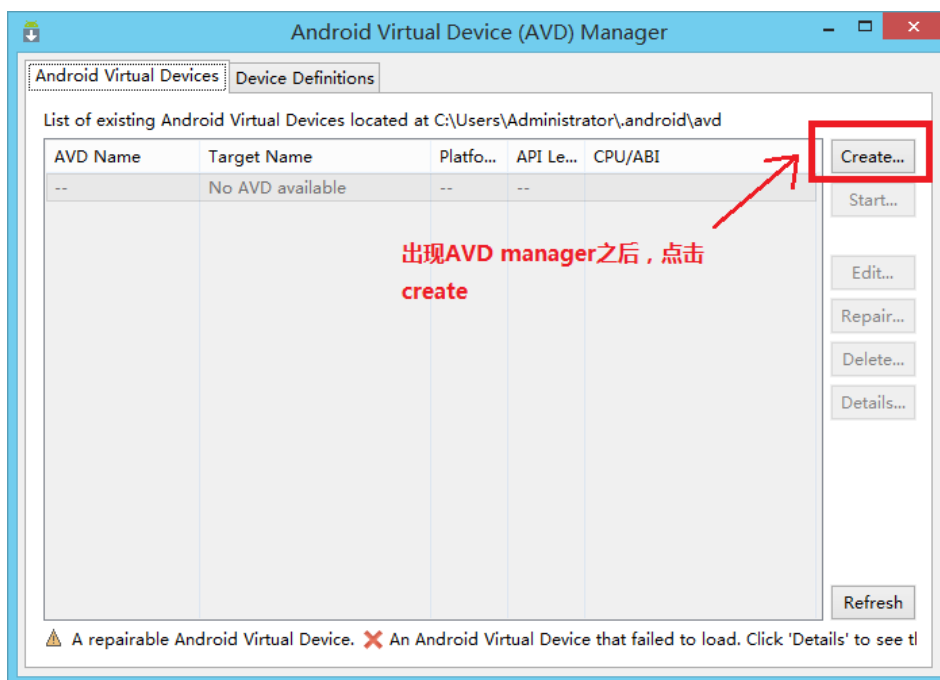
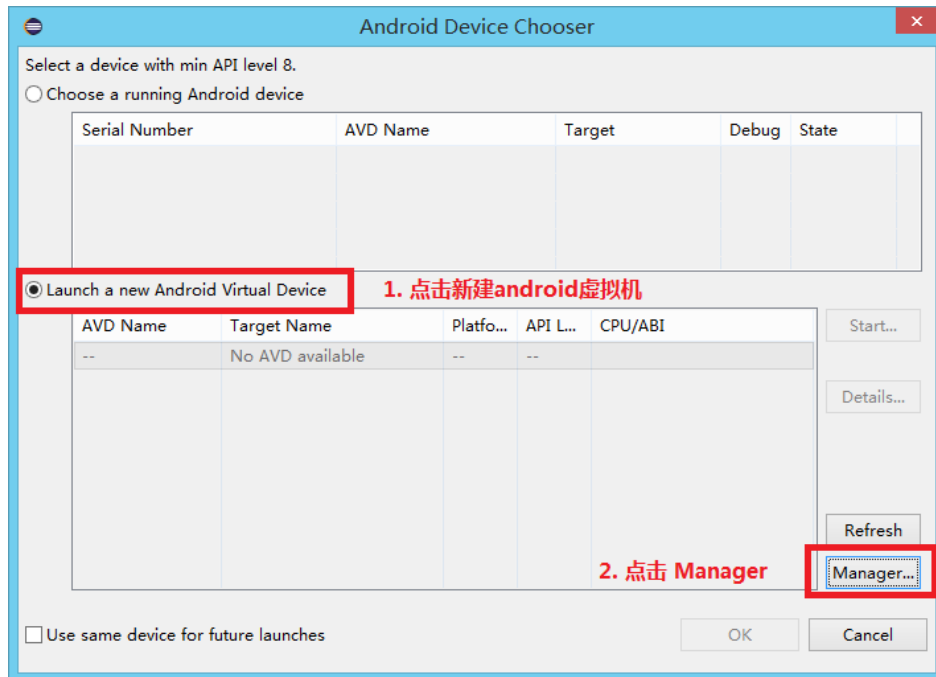
新建项目之后，我们在 Eclipse 左侧的 Package Explorer 中即可看见这个新建的 Android App 项目。

下一步，我们直接右键 HelloWorld 这个项目，点击运行：



然而，由于我们没有设置运行 App 的虚拟机，ADT 会报错。我们按照下面的顺序进行虚拟机的设置：





在弹出来的窗口中，按照这个配置新建虚拟机即可，注意虚拟的参数需要和本图保持一致。

AVD Name: MyAndroid

Device: Nexus 4 (4.7", 768 × 1280: xhdpi)

Target: Android 4.4.2 - API Level 19

CPU/ABI: Intel Atom (x86)

Keyboard: ☒ Hardware keyboard present

Skin: Skin with dynamic hardware controls

Front Camera: None

Back Camera: None

Memory Options: RAM: 1907 VM Heap: 64

Internal Storage: 200 MiB

SD Card:

☒ Size:  MiB  
Size of the new SD Card file (must be at least 9 MiB)

☐ File:  Browse...

Emulation Options: ☐ Snapshot ☒ Use Host GPU

☐ Override the existing AVD with the same name

⚠ On Windows, emulating RAM greater than 768M may fail depending on the system load. Try progressively smaller values of RAM if the emulator fails to launch.

OK Cancel

新建完毕之后，选择该虚拟机进行 HelloWorld App 的运行，等待片刻后出现下图的界面，就说明 HelloWorld 运行成功。

