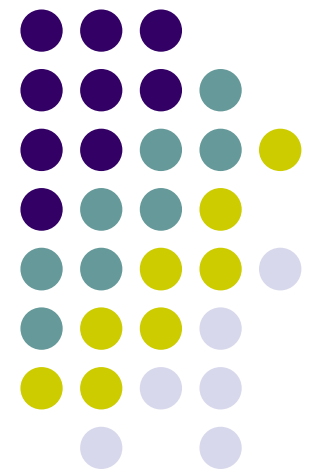


CS 525M Mobile and Ubiquitous Computing

Tutorial 3: Setting up Your Project
by Bucky Roberts (thenewboston)

Emmanuel Agu

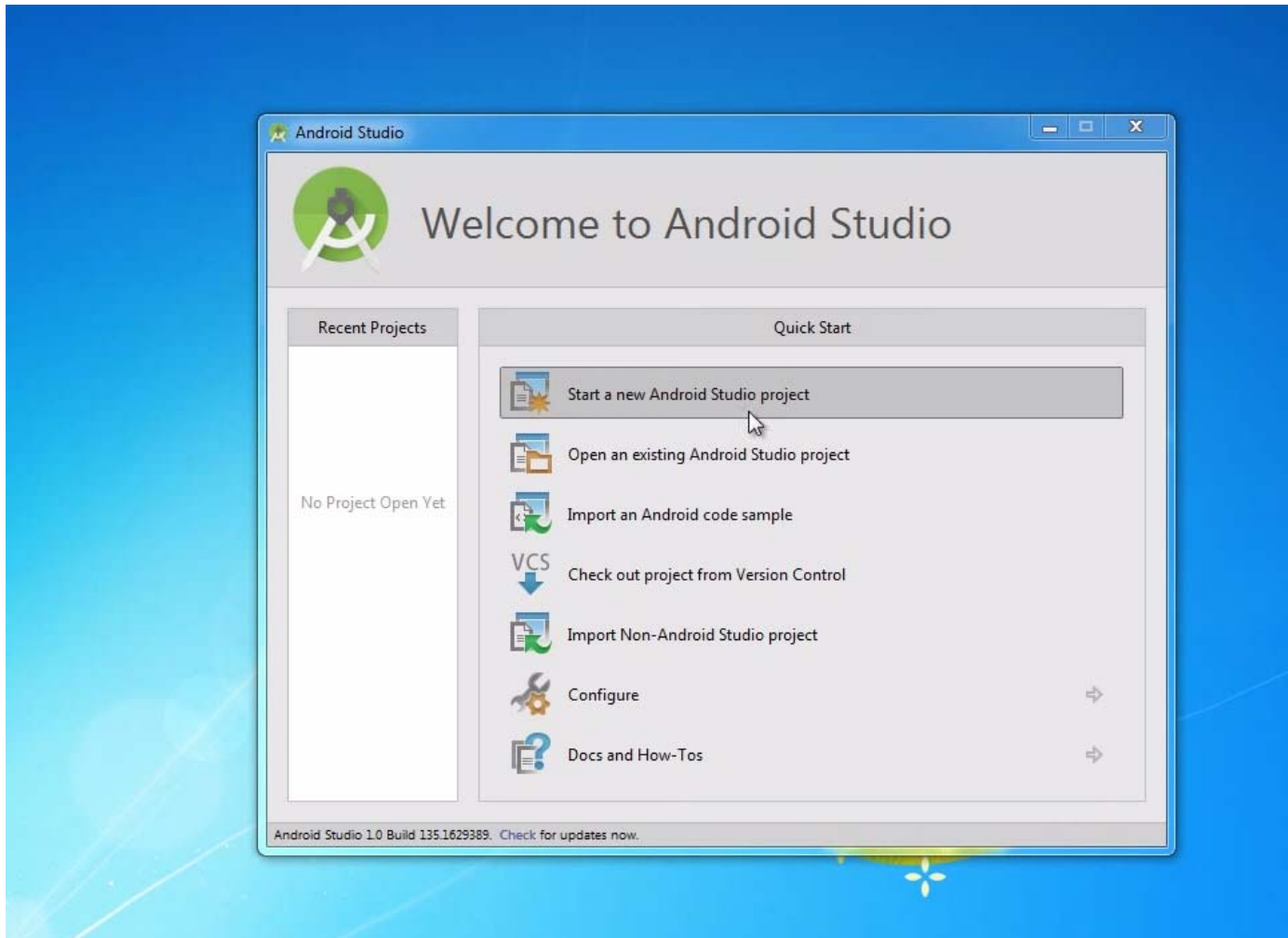
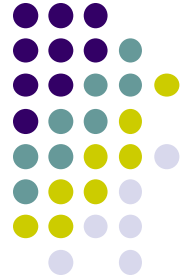




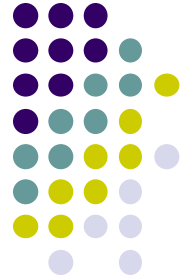
Tutorial 3: Setting up your Project

- Tutorial: Android App Development for Beginners - 3
 - Setting up your project [6:37 mins]
 - <https://www.youtube.com/watch?v=r4olez0sfvY>
- Main steps
 - Start a new Android Project
 - Configure new Android Project (app name, domain name, etc)
 - Set platform and minimum SDK
 - Add an Activity

Start a new Android Project



Configure New Android Project



The screenshot shows the 'Create New Project' dialog in Android Studio. The window title is 'Create New Project'. The header area is green and contains the Android Studio logo and the text 'New Project' and 'Android Studio'. Below the header, the text 'Configure your new project' is displayed. The form contains the following fields:

- Application name:** My Application
- Company Domain:** thenewboston.com
- Package name:** com.thenewboston.myapplication (with an 'Edit' link to the right)
- Project location:** C:\Users\Bucky\Desktop\Android_Projects\MyApplication (with a browse button '...')

At the bottom right, there are four buttons: 'Previous', 'Next' (highlighted in blue), 'Cancel', and 'Finish'.

Set Platform & Minimum SDK



Create New Project

New Project
Android Studio

Select the form factors your app will run on

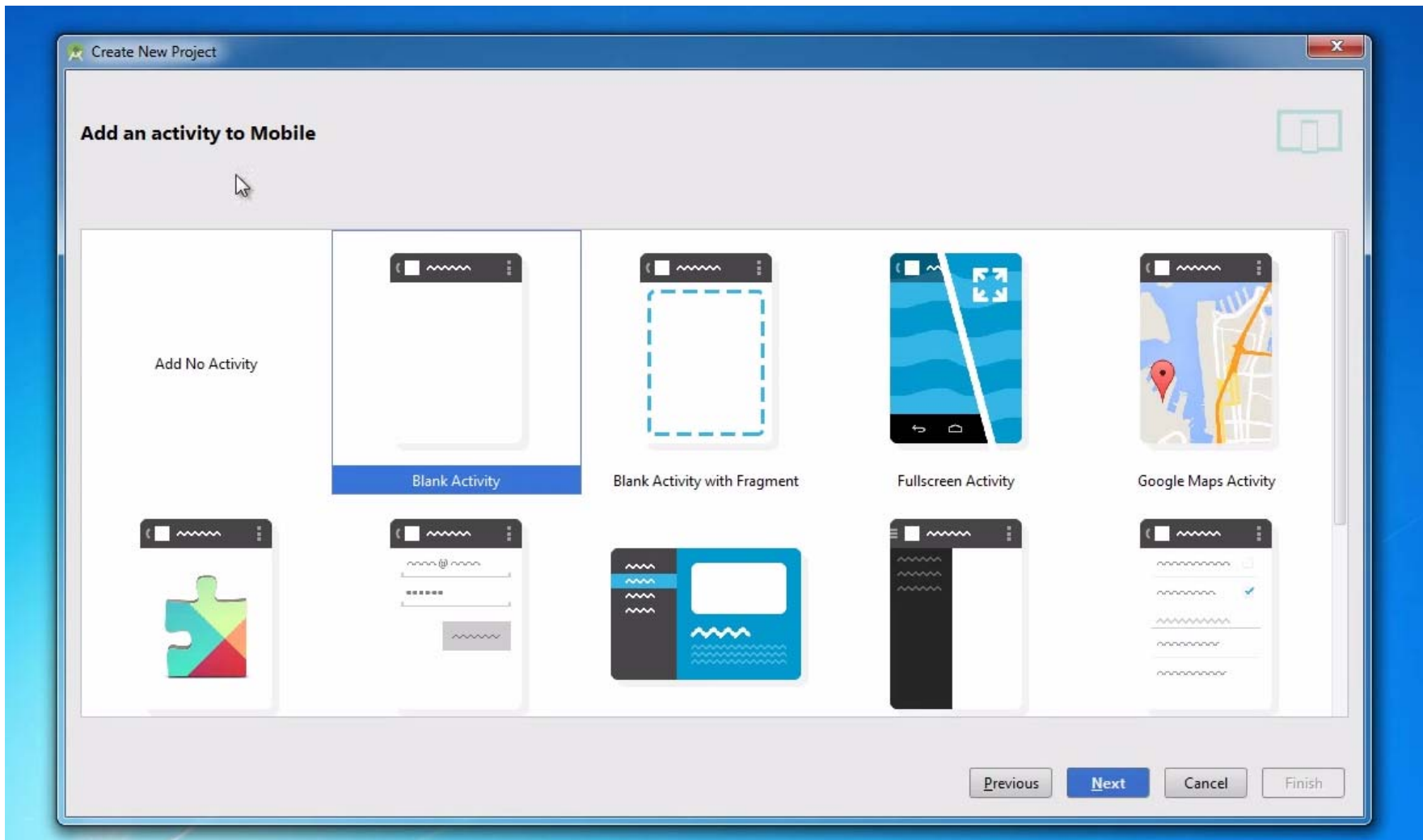
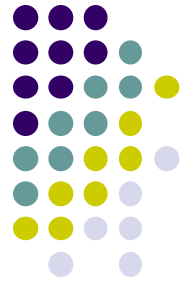
Different platforms require separate SDKs

- Phone and Tablet
Minimum SDK: API 8: Android 2.2 (Froyo)
- TV
Minimum SDK:
- Wear
Minimum SDK:
- Glass (Not Installed)
Minimum SDK:

API 8: Android 2.2 (Froyo)
API 13: Android 3.2 (Honeycomb)
API 14: Android 4.0 (IceCreamSandwich)
API 15: Android 4.0.3 (IceCreamSandwich)
API 16: Android 4.1 (Jelly Bean)
API 17: Android 4.2 (Jelly Bean)
API 18: Android 4.3 (Jelly Bean)
API 19: Android 4.4 (KitKat)
API 21: Android 5.0 (Lollipop)

Previous Next Cancel Finish

Add an Activity (Blank Activity is Simplest)



References



- Bucky Roberts, Android App Development for Beginners - 3 – Setting up your project [6:38 mins]
 - <https://www.youtube.com/watch?v=r4olez0sfvY>