

# **Android for .NET Developers Series**

## **Building an Android App**

### **Activities and the Options Menu**

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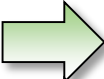



<http://facebook.com/hedgehogjim>

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**pluralsight**  
hardcore developer training

# Outline

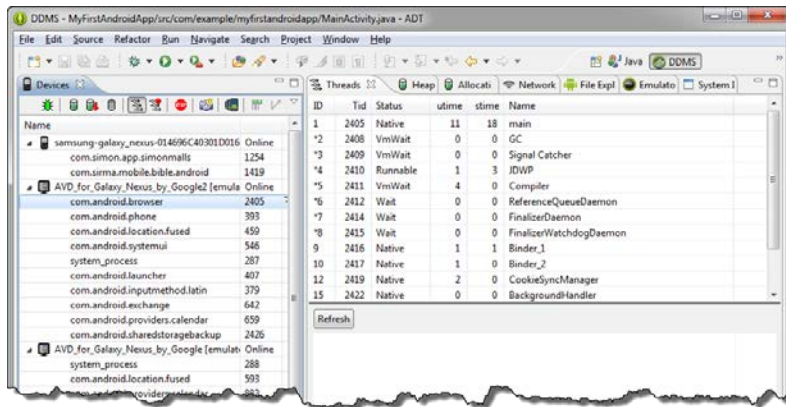
-  Course prerequisites and expectations
-  Activity basics
-  Options menu definitions
-  Options menu handling

# Course prerequisites and expectations



Android for .NET Developers Series  
Getting Started

DDMS



Android Studio

Early Access Preview v0.1.1



Logcat

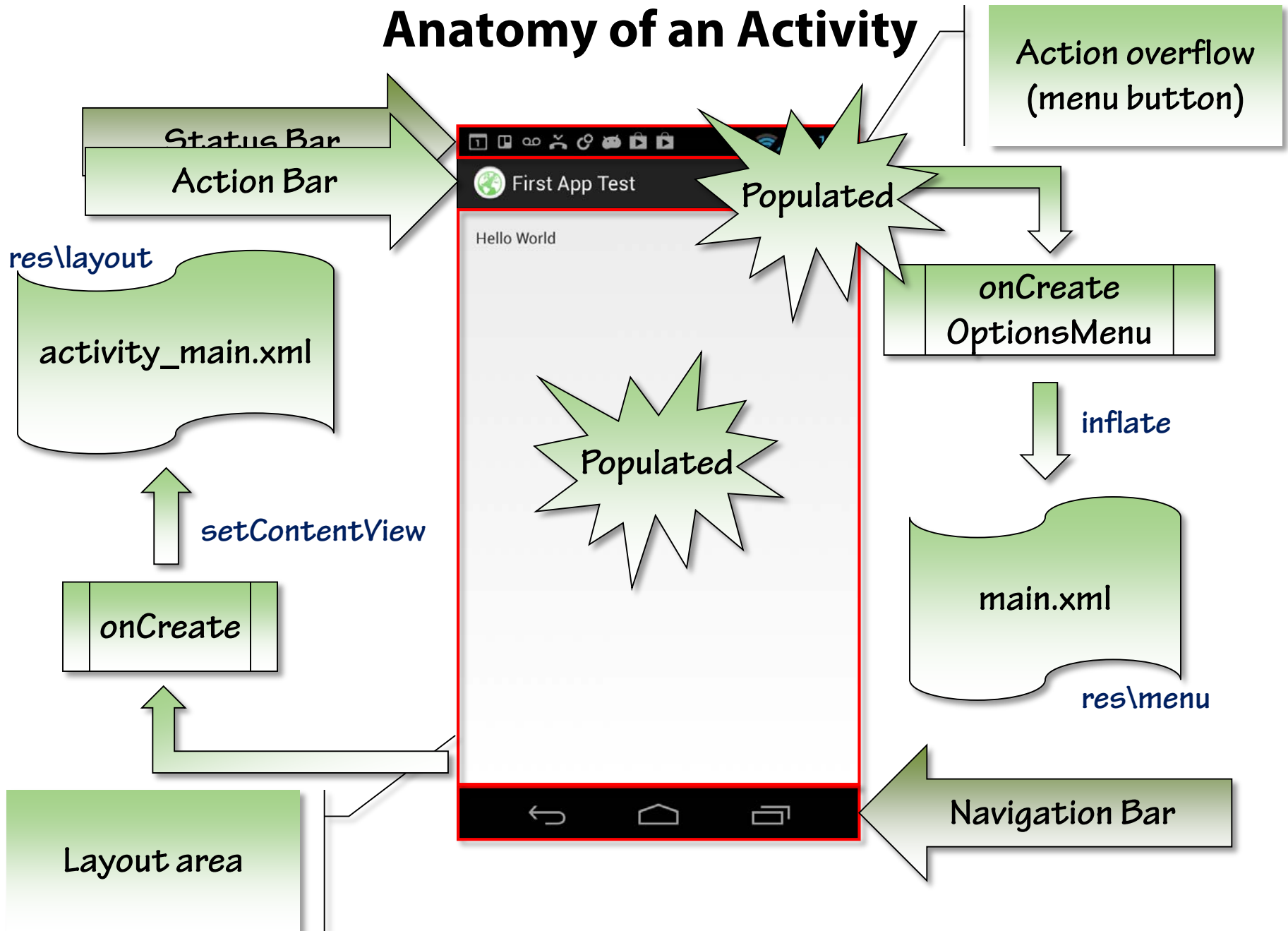
Level	Time	PID	TID	Application	Tag	Text
D	05-02 18:48:51.671	642	737	com.android.exchange	ExchangeService	Received deviceId from Email app: null
D	05-02 18:48:51.671	642	737	com.android.exchange	ExchangeService	!!! deviceId unknown; stopping self and retrying
D	05-02 18:48:56.748	642	642	com.android.exchange	ExchangeService	!!! EAS ExchangeService, onStartCommand, startingUp = f
W	05-02 18:48:56.780	287	476	system_process	ActivityManager	Unable to start service Intent { act=com.android.email.
D	05-02 18:48:56.780	642	657	com.android.exchange	ExchangeService	!!! Email application not found; stopping self
W	05-02 18:48:56.808	287	427	system_process	ActivityManager	Unable to start service Intent { act=com.android.email.
E	05-02 18:48:56.808	642	642	com.android.exchange	ActivityThread	Service com.android.exchange.ExchangeService has leaked

ADB Command  
Line Utility

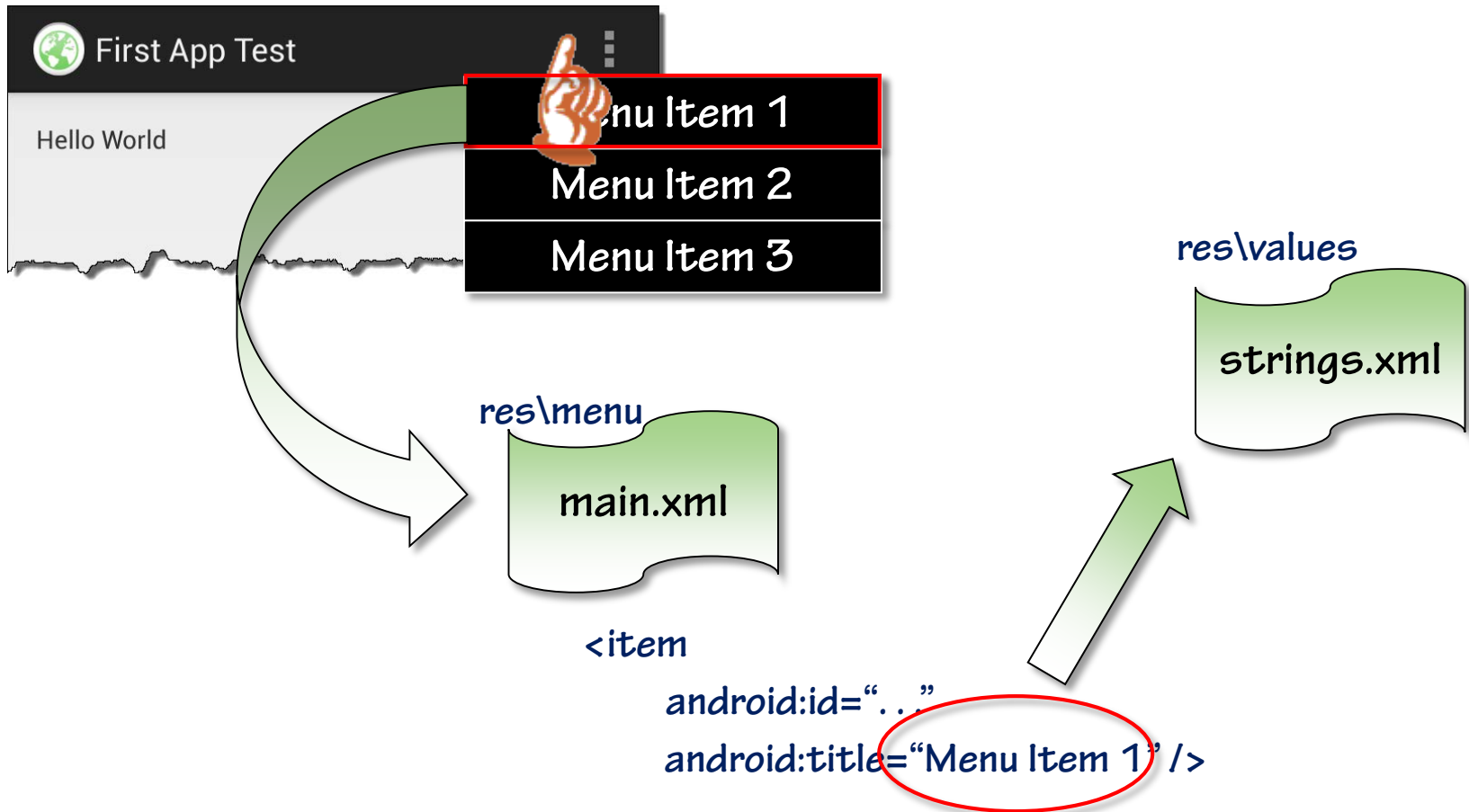
ADB  
Server

ADB  
Daemon

# Anatomy of an Activity



# Options menu



# Summary

- ➡ Activities use methods and resources to describe menus and layout
- ➡ Menu items normally have at least an id and a title
- ➡ Use string resources to avoid literal strings
- ➡ Prefer the `onOptionsItemSelected` method over the `onClick` attribute