Android for .NET Developers Series
Getting Started
Series Overview

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hardcore developer training

Outline

➤ **Assumptions**

➤ **Philosophy**

➤ **Who is this guy?**
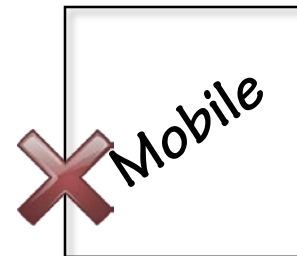
➤ **Approach**

Let's talk assumptions

➡️ **What this course series assumes about you**

➡️ You have experience creating applications in .NET

➡️ You are familiar with using Visual Studio as your development environment

➡️ You are interested in developing apps for Android in an Android-way

➡️ **What this course series does NOT assume about you**

➡️ No prior knowledge of Java programming is assumed

➡️ No experience with Android is assumed

➡️ No experience with any sort of mobile development is assumed

Series philosophy

➡️ **What to expect from this course series**

  ➡️ This series embraces your knowledge and experience as a .NET developer

- ▫ .NET serves as our starting point
- ▫ .NET serves as our common ground for communicating
  - ▫ As much as possible parallels will be drawn between .NET and Android

  ➡️ This series embraces the tools and techniques of the Android platform

- ▫ We will work in the natural environment of Android
- ▫ We will use Eclipse as the development environment
- ▫ We will work in Java
- ▫ We will use the Android SDK consistent with its design

Who is this guy?

➡ **I'm a guy who happens to have already walked this road**

   ➡ I've been through several significant platform shifts

- 80's to 90's Mainframe/Minicomputer to PC
- Early 90's to late 90's desktop to web
- 2000's move to mobile

   ➡ I've been in the .NET/Visual Studio world since the beginning

- Worked with .NET since 2000
  - Before initial release – still known as Project 7
- Worked with Visual Studio since initial release in 1997
- Worked with VS predecessor Visual C++ since initial release in 1992

   ➡ I've lived heavily in the mobile world

- Working in mobile since 2001
- Worked on 5 different mobile platforms
- Worked with Android since 2008
  - Before first release

The approach

Adopting a new platform approach in 4 phases

Tools
- Gain familiarity in the tools of Android development
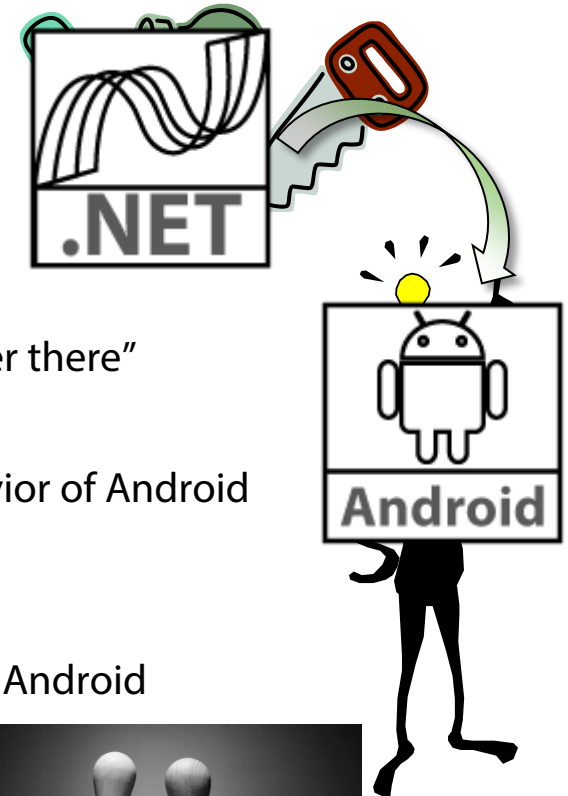- Understand the natural workflow of the tools

Translate
- Translate existing .NET skills to the Android platform
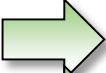- Focus is on the "how do I do the things I do 'here' over there"

Understand
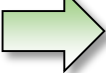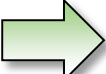- Develop an understanding of the function and behavior of Android
- Use your existing skills but do so in an Android way

Embrace
- Fully embrace the features and development style of Android
- Think like an Android developer
- Work as an Android developer

Summary

➡️ **We're going to build on your .NET background and experience**

➡️ **We do not assume any experience in Android, Java, or mobile dev**

➡️ **The goal is to make you an Android developer**

  ▢ Use the tools, style, and mindset of the Android platform

➡️ **We're using a 4 phase approach**

  ▢ Tools

  ▢ Translate

  ▢ Understand

  ▢ Embrace