Mindluster Platform

About the course Gradle for Android and Java

Gradle runs on the JVM and you must have a Java Development Kit (JDK) installed to use it. This is a bonus for users familiar with the Java platform as you can use the standard Java APIs in your build logic, such as custom task types and plugins. It also makes it easy to run Gradle on different platforms.

Programming Category's Courses

Course Lesson(65)

Lesson 1 : **Welcome to Gradle for Android and Java**

Lesson 2 : **Java and Android Builds**

Lesson 3 : **Why Gradle**

Lesson 4 : **Intro to Tasks**

Lesson 5 : **Command Line Gradle**

Lesson 6 : **Gradle Installation**

Lesson 7 : **Gradle Build Scripts**

Lesson 8 : **Groovy Fundamentals**

Lesson 9 : **Groovy Closures and Objects**

Lesson 10 : **Task Configuration**

Lesson 11 : **Task Dependencies and Ordering**

Lesson 12 : **Typed Tasks**

Lesson 13 : **Gradle DSL Reference**

Lesson 14 : **Interacting With The File System**

Lesson 15 : **Incremental Builds**

Lesson 16 : **Parameterising Your Build**

Lesson 17 : **Creating Custom Task Types**

Lesson 18 : **Troubleshooting and Logging**

Lesson 19 : **Build Lifecycle**

Lesson 20 : **On to Java**

Lesson 21 : **Untitled**

Lesson 22 : **Gradle Plugins**

Lesson 23 : **Java Build Tasks**

Lesson 24 : **Applying the Java Plugin**

Lesson 25 : **Conventions and Configuration**

Lesson 26 : **Java Plugin Documentation**

Lesson 27 : **Untitled**

Lesson 28 : **Repositories and Dependencies**

Lesson 29 : **Working with Repositories**

Lesson 30 : **Declaring Dependencies**

Lesson 31 : **Dependency Reports**

Lesson 32 : **Configurations**

Lesson 33 : **Automated Testing**

Lesson 34 : **Java Unit Testing**

Lesson 35 : **Finding Gradle Plugins**

Lesson 36 : **Advanced Gradle Wrapper**

Lesson 37 : **On to Android**

Lesson 38 : **The Command Line Cowboy**

Lesson 39 : **Android Studio Gradle and Build Varian**

Lesson 40 : **Android Studio**

Lesson 41 : **4 l Importing Gradle Projects**

Lesson 42 : **The Android Plugin**

Lesson 43 : **Android Build Scripts**

Lesson 44 : **Build Types Flavors and Variants**

Lesson 45 : **Configuring Build Types**

Lesson 46 : **Resource Merging**

Lesson 47 : **Declaring Flavors**

Lesson 48 : **Per Variant Dependency Configurations**

Lesson 49 : **Flavor Dimensions**

Lesson 50 : **Configuring Generated Tasks**

Lesson 51 : **On to Advanced Android Builds**

Lesson 52 : **Building like Doctor Octopus**

Lesson 53 : **Libraries and Android Plugin Features**

Lesson 54 : **Library Overview**

Lesson 55 : **Untitled**

Lesson 56 : **Creating a Java Library**

Lesson 57 : **08 Creating an Android Library**

Lesson 58 : **Wizards and Black Magic**

Lesson 59 : **Application Signing**

Lesson 60 : **Configuring Signing**

Lesson 61 : **Multi Deck Support**

Lesson 62 : **Configuring Proguard**

Lesson 63 : **Android testing**

Lesson 64 : **Setting Up Android Tests Walk Through**

Lesson 65 : **Congratulations**

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