# Java Training: Mastering Android Development (ANDDEV, 4 jours)

## Description

The course Mastering Android Development (Java Training) teaches you how to develop apps on Android. The training includes initial project configuration, HTML5 & CSS and Java programming on Android devices. You learn to publish functional Android apps on Google Play that work on different devices & resolutions.

## Tarifs

- Tarification: $3,750/person
- Rabais de 10% lorsque vous inscrivez 3 personnes.

## Plan de cours

Introduction to Android Development

Overview of the Android platform

  The Dalvik Virtual Machine

  The Android SDK (Eclipse ADT)

  Structure of an Android application

  Online Documentation

Getting Started

  Creating a new Android application with ADT

  Creating a simple Activity

  Setting up the Android Virtual Machine (AVM)

  Running the application using AVM

  Running on a Device

  Debugging an Android Application

Creating the User Interface

  The Activity Lifecycle

  Creating a View

  Responding to Events

  Using the Different Views

  Localization and Application Resources

  Using Lists and Menues

User Interface Best Practices

  Dealing with Screen Sizes

  Ergonomics

  Visual Designs

  Working with Gestures

Under the Hood

  Using the Log

  Using Collection Classes

  Using Intents

  Processes and Threads

  Creating and Using a Library Project

Data Storage

  Shared Preferences

  Internal and External Storage