

1. Record Nr.	UNINA9910270960003321
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Titolo	Expert Android Studio / / Murat Yener, Onur Dunder
Pubbl/distr/stampa	Indianapolis, Indiana : , : Wrox, a Wiley brand, , [2016] ©2016
ISBN	1-119-11073-4 1-119-41931-X 1-119-11071-8
Edizione	[First edition]
Descrizione fisica	1 online resource (456 pages)
Collana	Wrox programmer to programmer. THEi Wiley ebooks.
Disciplina	005.382
Soggetti	Application software - Development Programari d'aplicació - Desenvolupament
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Cover; Title Page; Copyright; About the Authors; About the Technical Editor; Credits; Acknowledgments; Contents; Foreword; Introduction; Chapter 1: Getting Started ; System Requirements for Windows, Mac OS X, and Linux; Installing Java; Installing Java for Windows OS; Install Java; Setting Paths for Java on Windows 10; Installing Java for MacOS X; Installing Java for Linux; Installing Android Studio; Installing Android Studio for Microsoft Windows 10; Installing Android Studio for Mac OS X; Installing Android Studio for Linux; Launching Android Studio for the First Time Welcome to Android StudioStandalone SDK Installation; Summary; Chapter 2: Android Studio Basics ; Creating a New Sample Project; Using Different SDKs; Android Project Structure; Building and Running a Project; Android Emulator; Installing HAXM; Creating a New Android Virtual Device; Using ADB; Migrating Projects from Eclipse; Summary; Chapter 3: Android Application Development With Android Studio ; Android Projects; Creating a New Android Project; Creating a Project with Multiple Target Devices; Launching Android Applications; Android Activities; The Intent Event Handler Adding Template Activities to Android ProjectsAdding a Blank Activity;

Android Fragments; Understanding the Fragment Lifecycle; Adding a Tabbed Activity; Android Services; Adding a Service Template with Android Studio; Add Assets for Android Project; Adding Images Assets; Adding Sound Assets; Adding Video Assets; Adding XML Files to an Android Project; Android Manifest File; Android Modules; Summary; Chapter 4: Android Studio In Depth ; Android Studio Menu Items; Android Studio; File; Edit; View; Navigate; Code; Analyze; Refactor; Build; Run; Tools; Version Control System Window and Help MenuAndroid Studio Shortcuts; Android Studio Tool Views; Messages; Android Studio Project Structure; Favorites; Android Monitor; Structure; Android Model; Gradle and Gradle Console; Run; Debug; Event Logs; Terminal; Android Studio Editor; Code Assist; Commenting Out Code Blocks; Moving Code Blocks; Navigating Inside the Editor; Refactoring; Android Studio Live Templates; Inserting a Live Template; Creating Live Templates; Creating a Live Template; Create a Surrounding Template; Code Refactoring in Android Studio Creating a Signing Key for Android Applications in Android StudioBuilding APKs in Android Studio; Summary; Chapter 5: Layouts with Android Studio ; Layouts with Android Studio; Adding a New Layout File; Layout Design Structure in Android Studio; Layout Previews; Layout Rendering Options; Previewing Virtual Device Views; Previewing on Different Android SDK Versions; Selecting Themes; Designing Layouts with Android Studio; Managing Resources; Using Strings; Using Styles; Using Dimens; Using Colors; Using Drawables; Using Layout Tools; Translation; Activity Association; Asset Management; Summary Chapter 6: Android Build System

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## Sommario/riassunto

Take your Android programming skills to the next level by unleashing the potential of Android Studio Expert Android Studio bridges the gap between your Android programming skills with the provided tools including Android Studio, NDK, Gradle and Plugins for IntelliJ Idea Platform. Packed with best practices and advanced tips and techniques on Android tools, development cycle, continuous integration, release management, testing, and performance, this book offers professional guidance to experienced developers who want to push the boundaries of the Android platform with the developer tools. You'll discover how to use the tools and techniques to unleash your true potential as a developer. Discover the basics of working in Android Studio and Gradle, as well as the application architecture of the latest Android platform Understand Native Development Kit and its integration with Android Studio Complete your development lifecycle with automated tests, dependency management, continuous integration and release management Writing your own Gradle plugins to customize build cycle Writing your own plugins for Android Studio to help your development tasks. Expert Android Studio is a tool for expert and experienced developers who want to learn how to make use of the tools while creating Android applications for use on mobile devices.

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