

[PDF] Kotlin In Action

Dmitry Jemerov, Svetlana Isakova - pdf download free book



Books Details:

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Description:

Summary

Kotlin in Action guides experienced Java developers from the language basics of Kotlin all the way through building applications to run on the JVM and Android devices. Foreword by Andrey Breslav, Lead Designer of Kotlin.

Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications.

About the Technology

Developers want to get work done - and the less hassle, the better. Coding with Kotlin

means less hassle. The Kotlin programming language offers an expressive syntax, a strong intuitive type system, and great tooling support along with seamless interoperability with existing Java code, libraries, and frameworks. Kotlin can be compiled to Java bytecode, so you can use it everywhere Java is used, including Android. And with an efficient compiler and a small standard library, Kotlin imposes virtually no runtime overhead.

About the Book

Kotlin in Action teaches you to use the Kotlin language for production-quality applications. Written for experienced Java developers, this example-rich book goes further than most language books, covering interesting topics like building DSLs with natural language syntax. The authors are core Kotlin developers, so you can trust that even the gnarly details are dead accurate.

What's Inside

- Functional programming on the JVM
- Writing clean and idiomatic code
- Combining Kotlin and Java
- Domain-specific languages

About the Reader

This book is for experienced Java developers.

About the Author

Dmitry Jemerov and **Svetlana Isakova** are core Kotlin developers at JetBrains.

Table of Contents

PART 1 - INTRODUCING KOTLIN

1. Kotlin: what and why
2. Kotlin basics
3. Defining and calling functions
4. Classes, objects, and interfaces
5. Programming with lambdas
6. The Kotlin type system

PART 2 - EMBRACING KOTLIN

7. Operator overloading and other conventions
 8. Higher-order functions: lambdas as parameters and return values
 9. Generics
 10. Annotations and reflection
 11. DSL construction
-

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Code samples from the "Kotlin in Action" book. Contribute to Kotlin/kotlin-in-action development by creating an account on GitHub. [README.md](#). This project contains the code samples from the "Kotlin in Action" book (<https://www.manning.com/books/kotlin-in-action>). To build the project import it as Gradle project. Each of the samples is a self-contained file, and most of them contain a "main" function. Kotlin is open source! Kotlin in android. // kotlin code `view.setOnClickListener { showToast(); }` // java code `view.setOnClickListener(new View.OnClickListener() { @Override public void onClick(View v) { showToast(); } });`; no disadvantage in performance. As demonstrate above, Kotlin was designed to be more concise. Kotlin's type system tracks values that can and can't be null and forbids operations that can lead to NPE at runtime. avoids `ClassCastException`. Kotlin in Action teaches you the Kotlin programming language and how to use it to build applications running on the Java virtual machine and Android. It starts with the basic features of the language and proceeds to cover the more distinctive aspects of Kotlin, such as its support for building high-level abstractions and domain-specific languages. Kotlin in Action is primarily focused on developers with some level of Java experience.

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Kotlin in Action. by Dmitry Jemerov and Svetlana Isakova. Sample Chapter 6. By now, you've seen a large part of Kotlin's syntax in action. You've moved beyond creating Java-equivalent code in Kotlin and are ready to enjoy some of Kotlin's productivity features that can make your code more compact and readable. Let's slow down a bit and take a closer look at one of the most important parts of Kotlin: its type system. Kotlin in Action guides experienced Java developers from the language basics of Kotlin all the way through building applications to run on the JVM and Android devices. About the Technology. Developers want to get work done - and the less hassle, the better. Coding with Kotlin means less hassle. The Kotlin programming language offers an expressive syntax, a strong intuitive type system, and great tooling support along with seamless interoperability with existing Java code, libraries, and frameworks. Kotlin in Action teaches you to use the Kotlin language for production-quality applications. Written for experienced Java developers, this example-rich book goes further than most language books, covering interesting topics like building DSLs with natural language syntax. The book is written by Dmitry Jemerov and Svetlana Isakova, developers on the Kotlin team. on Kotlin in Action MEAP V11 Kotlin in Action MEAP V11 Dmitry Jemerov and Svetlana Isako Kotlin for Android Developers : learn Kotlin the easy way while developing an Android App. 191 Pages · 2017 · 1.12 MB · 5,994 Downloads · New! Learn Kotlin the easy way while developing an Android App. Summary Kotlin in Action guides experienced Java developers from the language basics of Kotlin all Pro Android with Kotlin: Developing Modern Mobile Apps. 500 Pages · 2018 · 5.42 MB · 9,152 Downloads · New! Code samples from the "Kotlin in Action" book. Contribute to Kotlin/kotlin-in-action development by creating an account on GitHub. GitHub is where the world builds software. Millions of developers and companies build, ship, and maintain their software on GitHub - the largest and most advanced development platform in the world. Sign up for free. Dismiss.

Thanks for purchasing the MEAP for Kotlin in Action! We're looking forward to introducing you to Kotlin, which is a new programming language that is a pragmatic, safe, concise, and interoperable alternative to Java. With Kotlin, you can implement your projects with less code, a higher level of abstraction, and fewer annoyances. Kotlin lets you program in the functional style but doesn't enforce it. When you need it, you can work with mutable data and write functions that have side effects without jumping through any extra hoops. Kotlin in Action teaches you to use the Kotlin language for production-quality applications. Written for experienced Java developers, this example-rich book goes further than most language books, covering interesting topics like building DSLs with natural language syntax. The book is written by Dmitry Jemerov and Svetlana Isakova, developers on the Kotlin team. Kotlin in Action teaches you the Kotlin programming language and how to use it to build applications running on the Java virtual machine and Android. It starts with the basic features of the language and proceeds to cover the more distinctive aspects of Kotlin, such as its support for building high-level abstractions and domain-specific languages. Kotlin in Action is primarily focused on developers with some level of Java experience.