

Trainings

Kotlin Training



This training course introduces you to the Kotlin programming language and helps you find your way around the associated ecosystem.

Dauer: 2 days

Zielgruppe: Software developers

Kotlin is *the* state-of-the-art alternative to Java and can be used in a wide range of scenarios, even outside the Java Virtual Machine (JVM). You can, for example, use Kotlin to implement native Android apps, web backends or cross-platform libraries.

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Participants will use a variety of examples to learn about Kotlin and its special features. Practical exercises are the main focus of this course and provide participants with a solid basis of knowledge for later everyday use.

Agenda

- Kotlin basics
- Kotlin concepts & language features
 - Packages and imports
 - Null safety
 - Coroutines

- Annotations
- High-order functions
- ...

- Kotlin Multiplatform Mobile

- Compose Multiplatform
 - Layouts
 - Navigation
 - ...

- Separation of concerns – separating UI und business logic

- Interconnectivity

- Data storage & persistence

- Testing
 - Unit testing
 - UI testing