# Kotlin
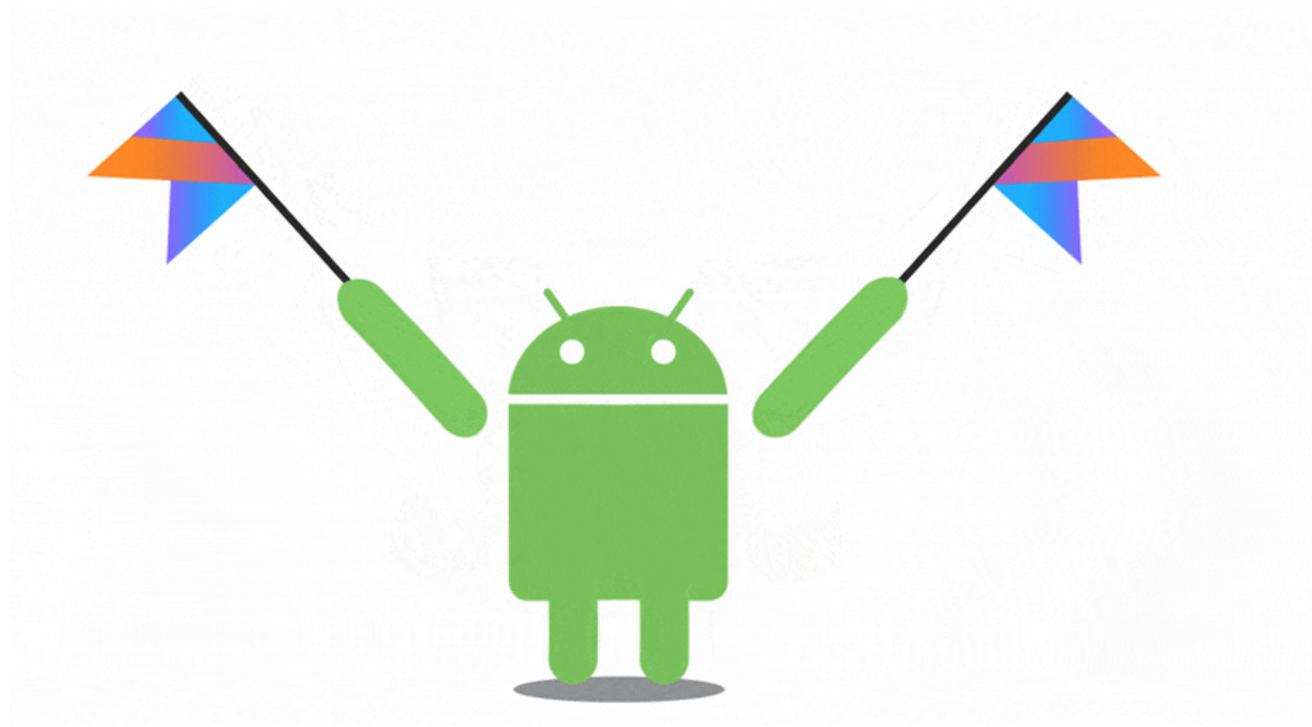
Introduction to Kotlin

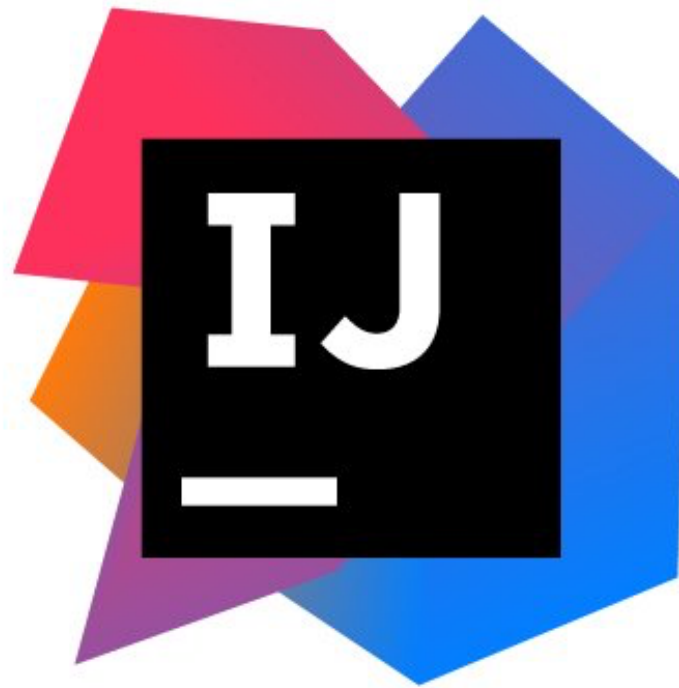"We've built tools to support so many nice languages, and we're still using Java"

*–JetBrains, 2010*

JetBrains and Google create a non-profit foundation to continue Kotlin development

Google officially support Kotlin development on Android

*2017*

# Why should you care?

- JetBrains created Kotlin to improve **Developer Productivity** and **Developer Enjoyment** - both important

- Kotlin comes from industry rather than academia - it's pragmatic and solves problems faced by working programmers

- It costs nothing to adopt, it runs on the JVM* and integrates easily with other Java code

- You can use all of the existing libraries that you are familiar with

- Backing from JetBrains and Google ensures that it won't go away and has great tool support

IDE Time

# Learning More

- Official site: https://kotlinlang.org

- Kotlin Koans: https://kotlinlang.org/docs/tutorials/koans.html

- Read open source:

  - http4k: https://www.http4k.org

  - Exposed: https://github.com/JetBrains/Exposed