

GIVE KOTLIN THE BOOT?

Pros and cons of using Kotlin vs. Java with Spring Boot

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WHO AM I?

- Architect & Developer
- Advocate
- Author
- Java Champion, Rockstar
- Kotlin Developer Expert
- Pilot



LATEST BOOK

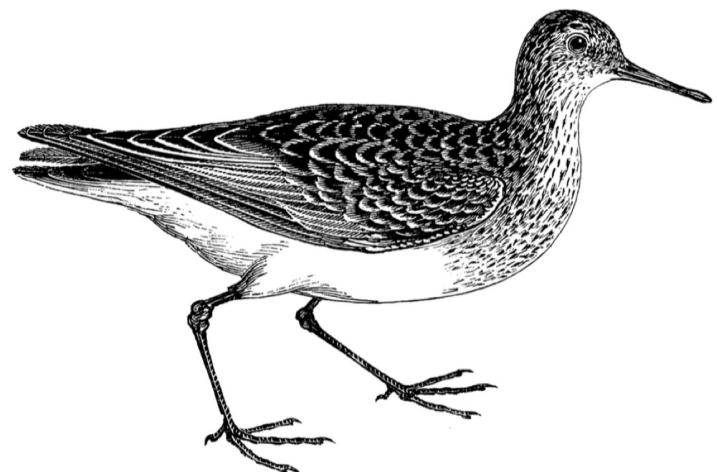
<https://bit.ly/springbootbook>

@springbootbook

O'REILLY®

Spring Boot Up & Running

Building Cloud Native Java and
Kotlin Applications



Mark Heckler

THE PLAN

“To achieve great things, two things are needed:
a plan, and not quite enough time.”

- *Leonard Bernstein*

THE PLAN

- Kotlin vis-à-vis Java
- Spring Boot: a quick examination of your (many) options
- Pros and Cons: facts and opinions
- CODE

THE DISCLAIMER

- There will be facts
- These will be referenceable (they ARE facts after all)
- There will be opinions
- I will do my best to clearly state which is which
- My opinions may differ from your opinions

KOTLIN AND JAVA

- Kotlin's raison d'être: "Modern, Concise, and Safe"
- The wins
- The losses
- If you're using Java now, why might you make the switch?

ADD SOME SPRING BOOT

- You have MANY options...but there ARE opinions
- Groovy?
- Kotlin
- Java

Some horrifying glorious combination!

PROS AND CONS

- The facts
- Some opinions
- YMMV



LET'S
CODE!!!

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SOME THOUGHTS

- Syntax is very, very similar in most (Spring) cases due to excellent APIs
- Compiler performance now basically equivalent
- Spring code examples in Java and Kotlin
- Actual Spring code is Java (except key Kotlin DSL extensions)
- Do you – or do you want to – use Kotlin elsewhere?

RESOURCES

- <https://github.com/mkheck/give-kotlin-the-boot>
- <https://kotlinlang.org/>
- <https://spring.io/projects/spring-boot>
- markheckler@microsoft.com, mark@thehecklers.com
- **@mkheck on Twitter**