

KOTLIN

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Summary

- ⬡ What is Kotlin?
- ⬡ JetBrains
- ⬡ Story of Kotlin
- ⬡ Code
- ⬡ Visit of the official website
- ⬡ What about real-world?

What is Kotlin?

- ⬡ **Statically typed** programming language
- ⬡ Running on **JVM**
- ⬡ Developed by **JetBrains** since 2010
- ⬡ A better Java

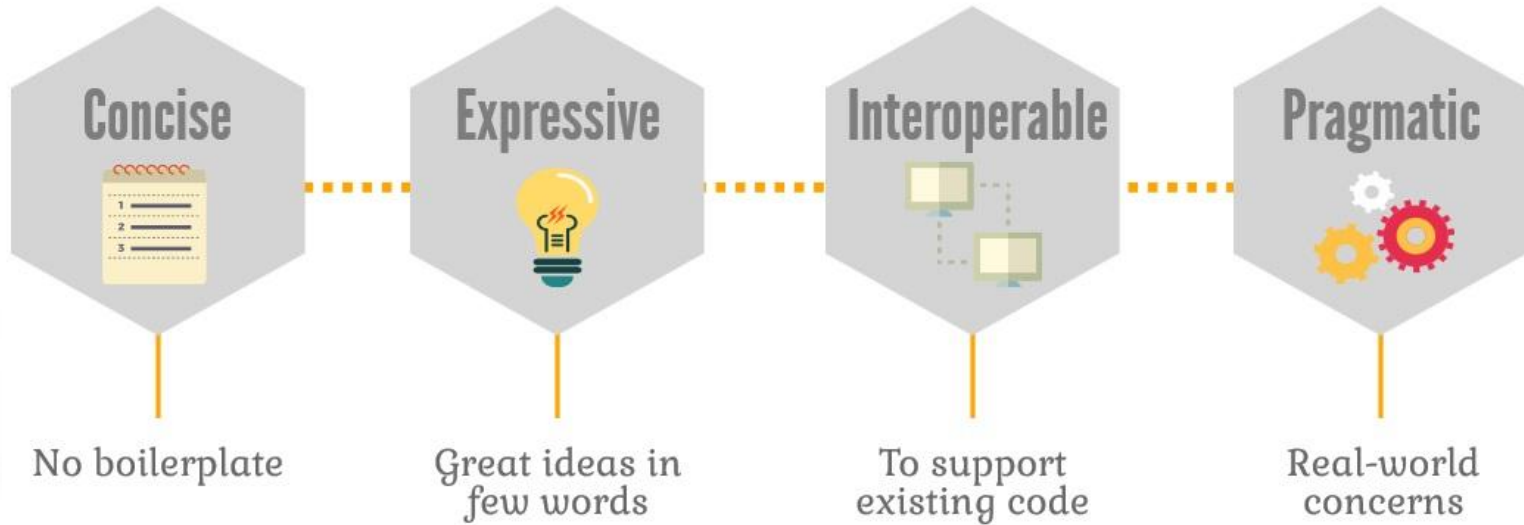


JetBrains

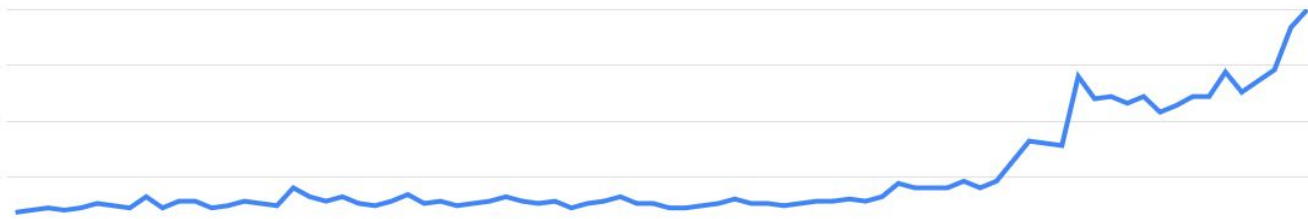
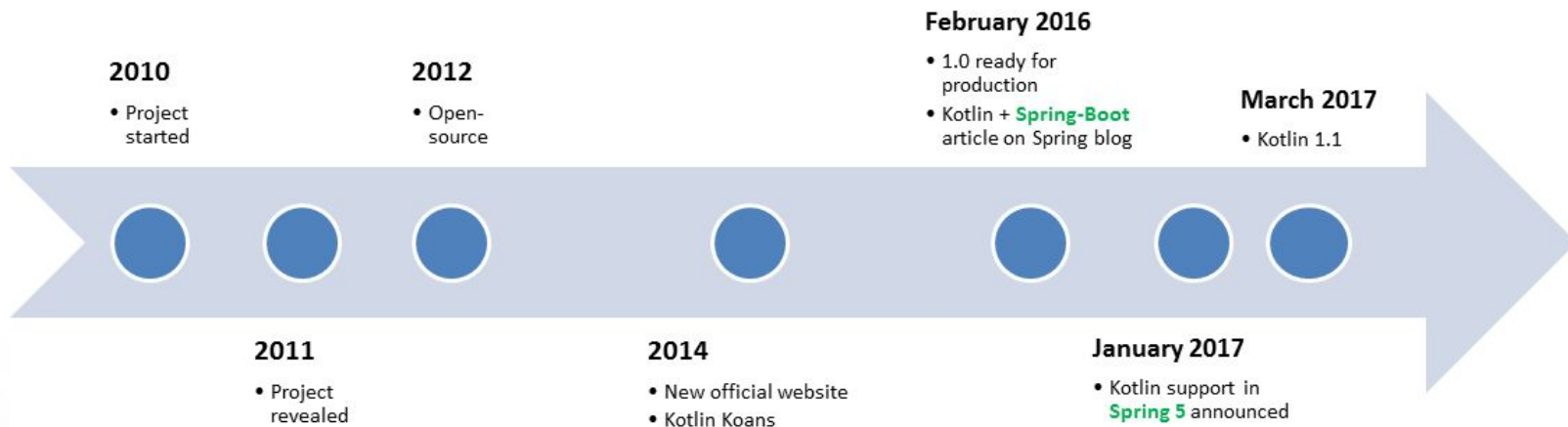
- Making **IDEs** and **tools** for different languages
- Created in **2000**
- *Most Innovative Java Company* award 2012
- Large codebase in **Java**



Looking for a new language



Timeline



What if I told you that



you already know Kotlin

Official website

kotlinlang.org

Spring support

- ⬡ Many articles on spring.io blog
 - ⬡ Springboot + Kotlin for the 1.0
 - ⬡ Guide and tips
 - ⬡ **Exclusive** support for Kotlin in Spring Framework 5.0
 - ⬡ Custom implementations/extensions
 - ⬡ Code comparisons

Spring + Kotlin > Spring + Java

Current state

- ⬡ 40 JetBrains developers working full-time on Kotlin
- ⬡ Used in 10 products
- ⬡ New tools are written in Kotlin
- ⬡ IntelliJ has parts written in Kotlin

Community

- ⬡ 1 year since 1.0
- ⬡ 160,000 devs
- ⬡ 50% server-side, 50% Android



Roadmap

- ⬡ Support Java 9 (Jigsaw)
- ⬡ Incremental compilation for JavaScript
- ⬡ Tool and support for multi-platform target
- ⬡ Performance, maintenance

Sustainability

Our commitment to Kotlin is that it's here to stay because we're using it in our products. The business model around Kotlin is JetBrains tooling, not consulting.

Hadi Hariri, developer and speaker at JetBrains

They use Kotlin



NETFLIX



coursera

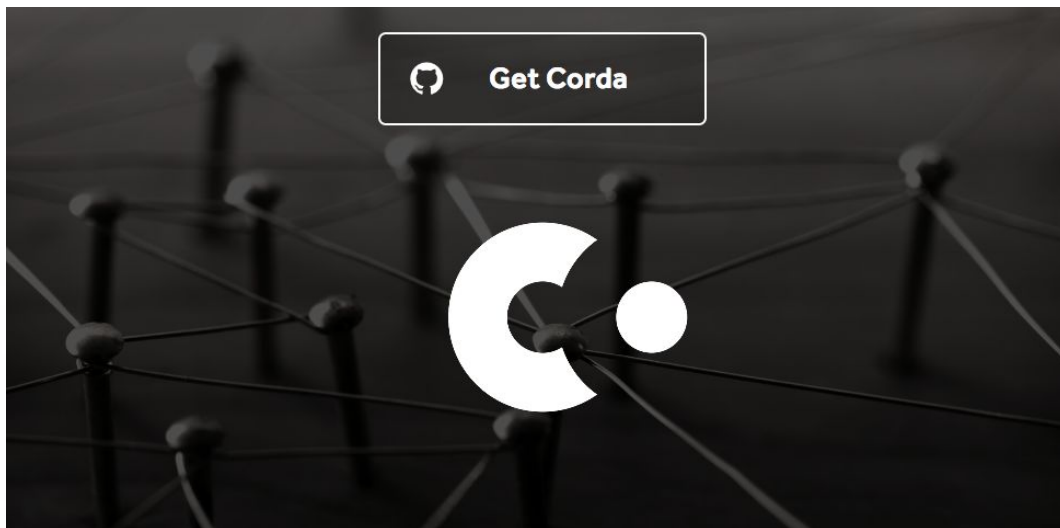


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Kotlin in the bank?

Yeah! Luxembourgish banks are already using it!



Conclusion

- ⬡ Nice syntax for Java developers
- ⬡ Safety
- ⬡ No boilerplate
- ⬡ Easy to learn
- ⬡ Seamless interoperability
- ⬡ Support from Spring



Mindmap

