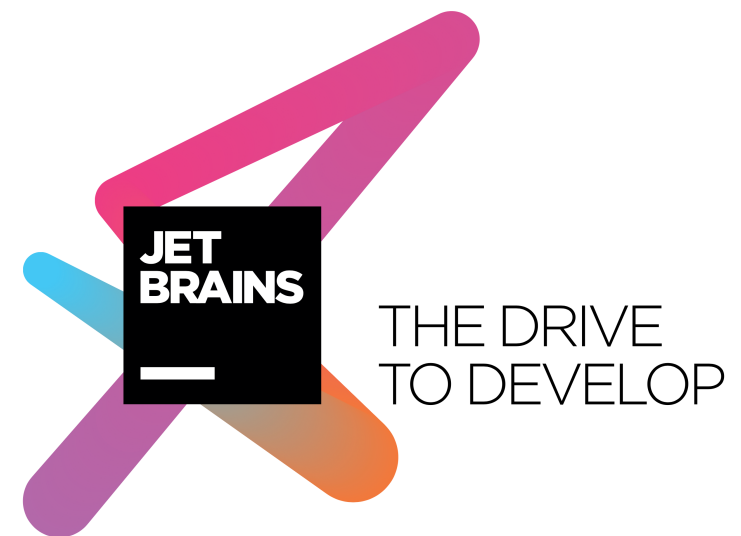# Kotlin programming language

In short…

- General-purpose

- OOP + FP

- Static typing

- Open Source (Apache 2.0)

- Developed by JetBrains

Kotlin Philosophy

- Concise

- Safe

- Interoperable

- Tool-friendly

Design Principles

- Deliberately not a research project

- We learned from

  - Java, Scala, C#, Groovy, Python, C, C++, Objective-C, Delphi, ...

- Pragmatism first: Elegance is great, as long as it's pragmatic
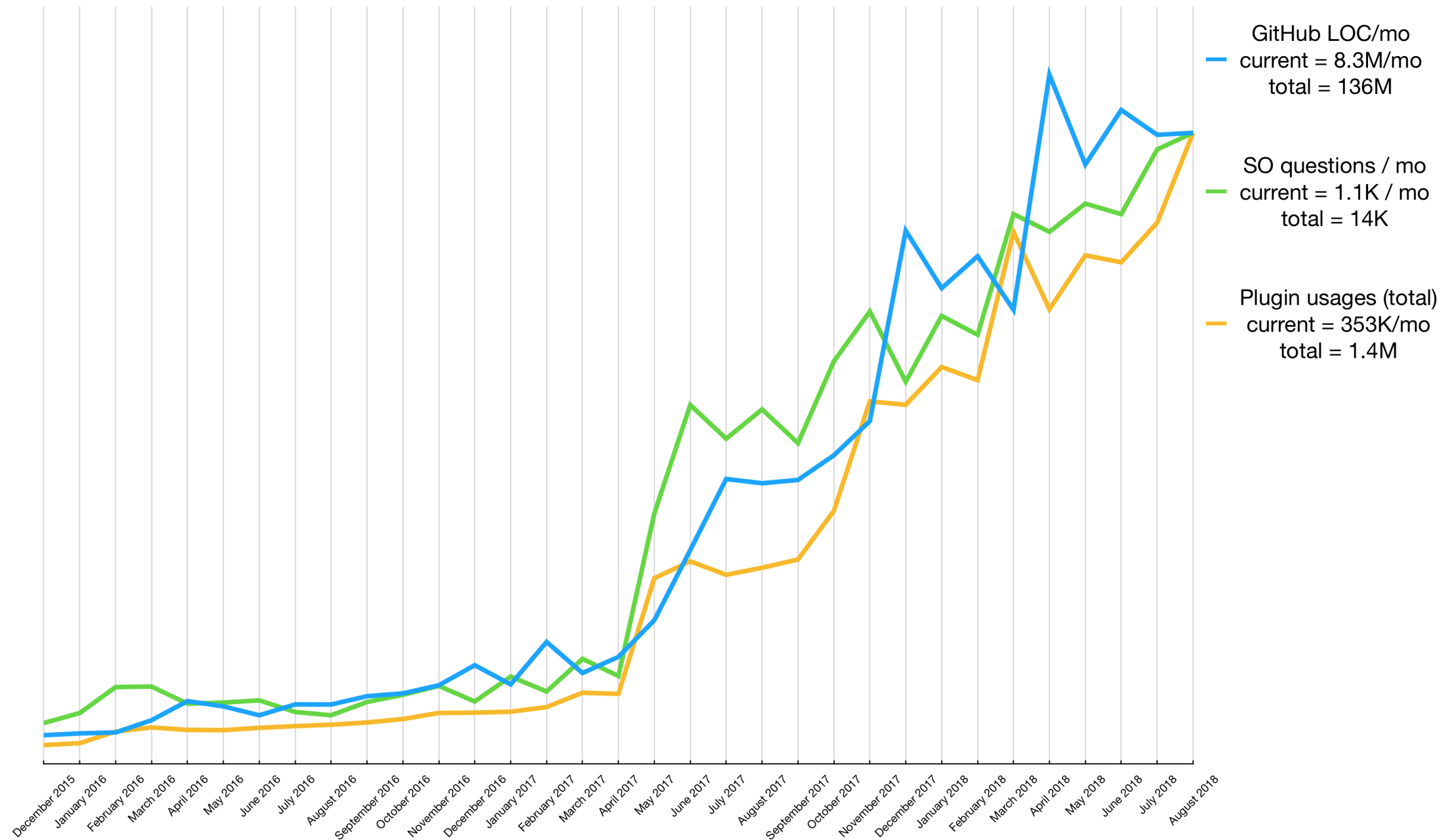
Timeline

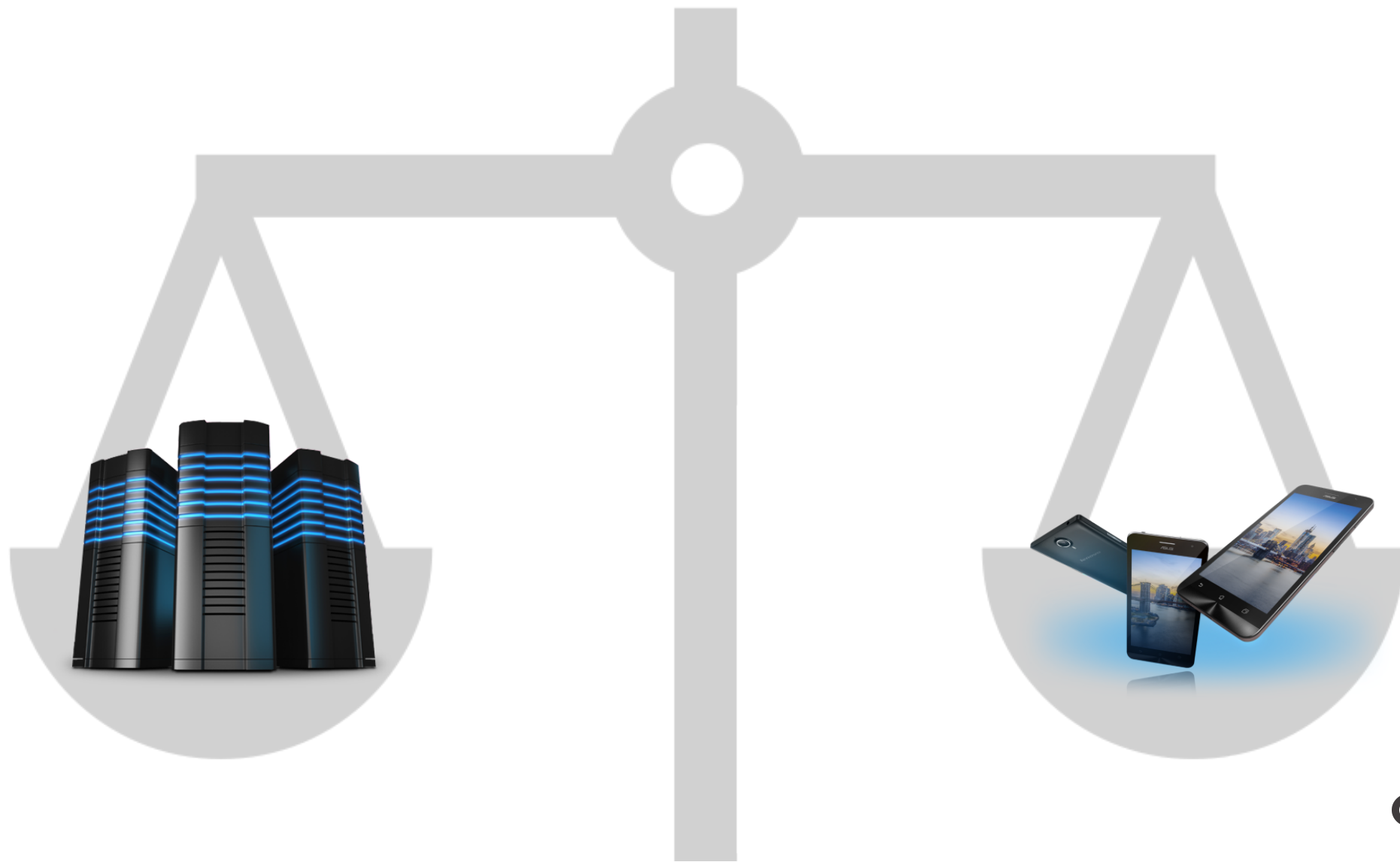2010 Project started

2016 Kotlin 1.0

2017 Official on Android

2018 Kotlin 1.3

Current adoption

GitHub LOC/mo
current = 8.3M/mo
total = 136M

SO questions / mo
current = 1.1K / mo
total = 14K

Plugin usages (total)
current = 353K/mo
total = 1.4M

Kotlin/JVM: Server & Android

Different target platforms

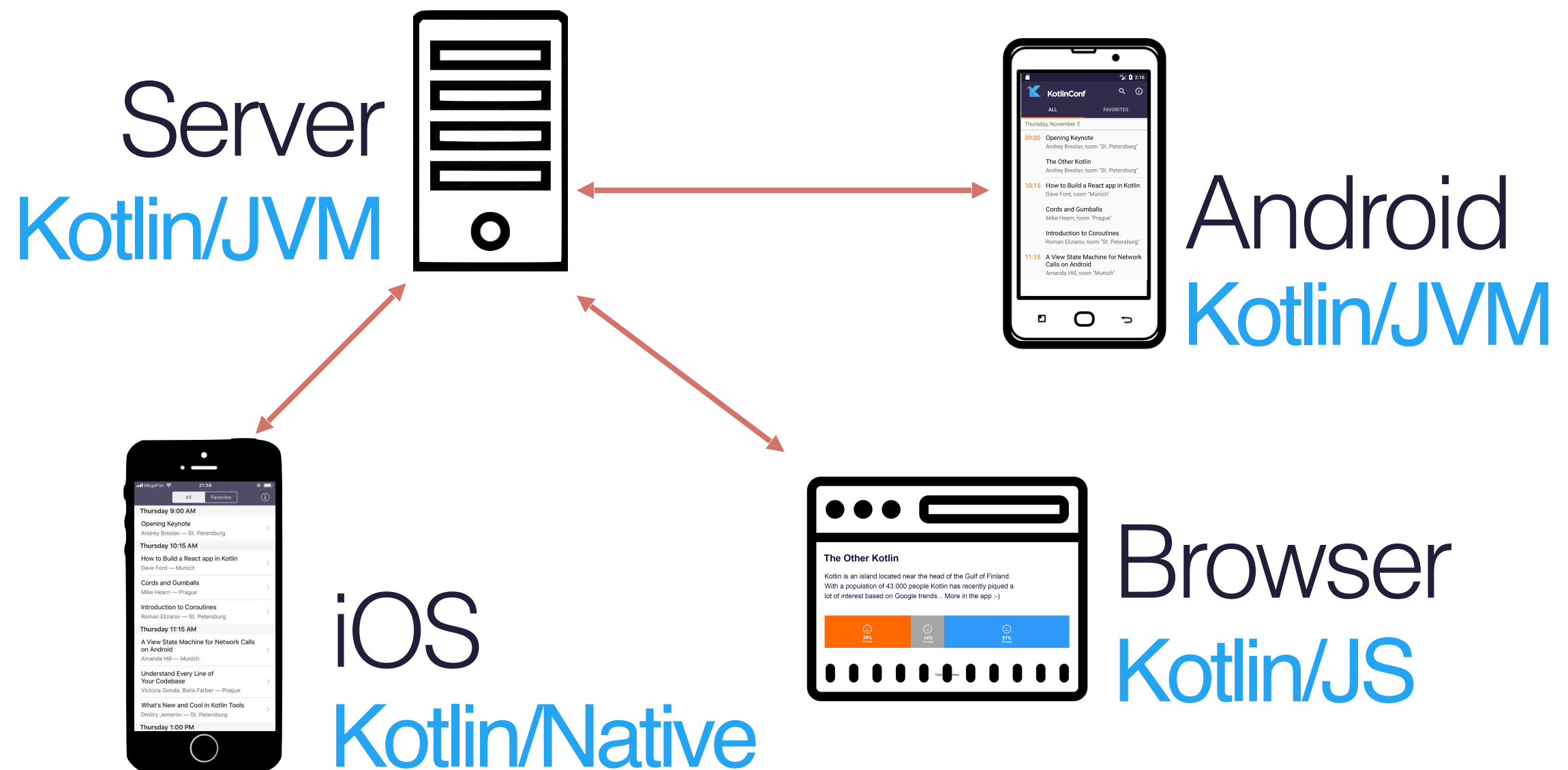Kotlin/JVM   Kotlin/JS   Kotlin/Native

Multiplatform projects

Server
Kotlin/JVM

Android
Kotlin/JVM

iOS
Kotlin/Native

Browser
Kotlin/JS

Kotlin/JVM