

KOTLIN /
Everywhere
Beijing

WELCOME



What is Kotlin

- General-purpose
- OOP + FP
- Static typing
- Open source (Apache 2.0)
- Developed by JetBrains



Kotlin Philosophy

- Concise
- Safe
- Interoperable
- Tool-friendly

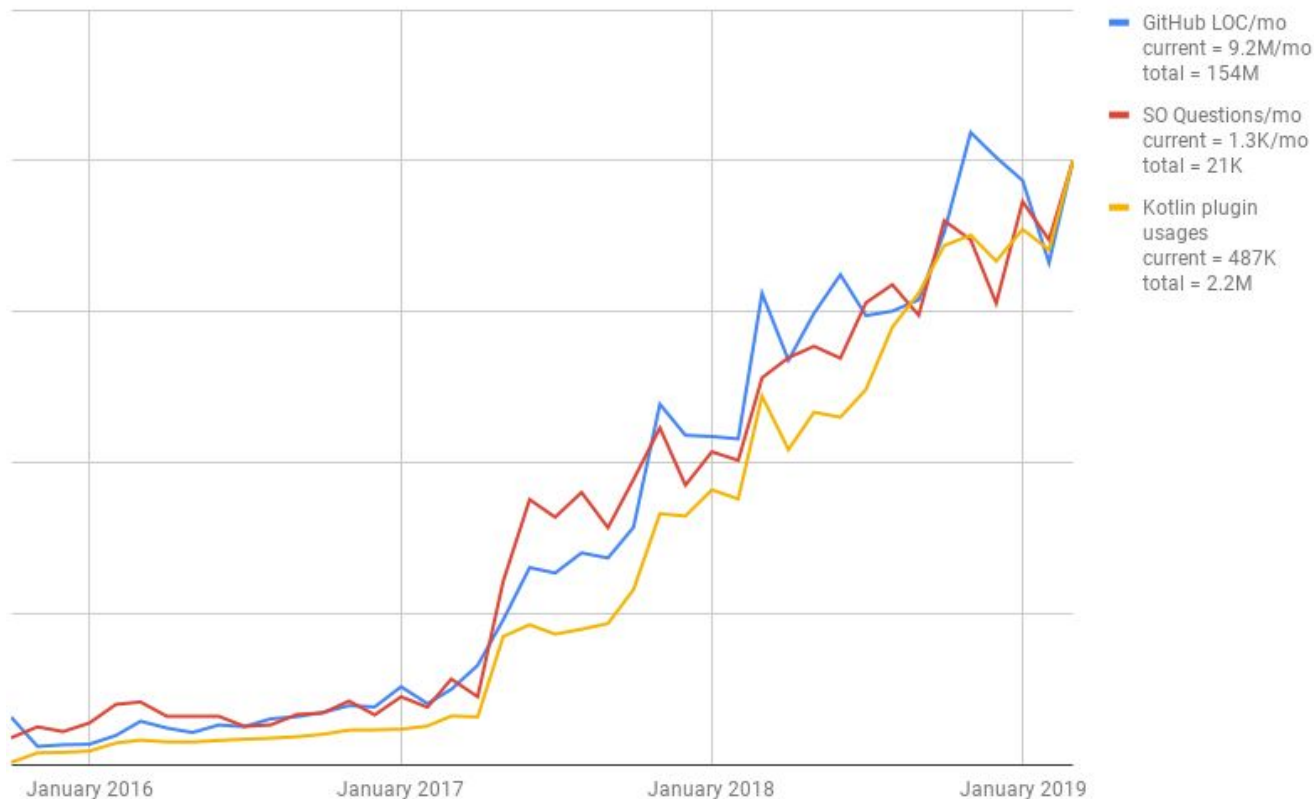


Design Principles

- Deliberately not a research project
- Learned from
 - Java, Scala, C#, Groovy, Python, C, C++, Objective-C, Delphi, ...
- Pragmatism first: Elegance is great, as long as it's pragmatic



Current adoption



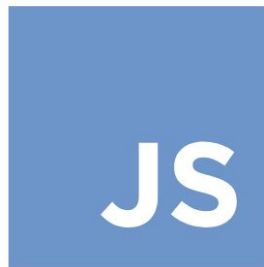
Build Applications For



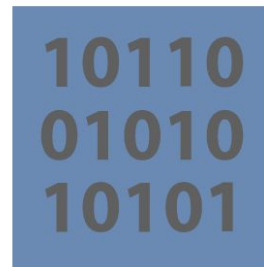
JVM



Android



Browser



Native

Kotlin/JVM

- Supports JVM 1.6+
- 100% Java Interop
 - You can use all the existing Java frameworks & libraries
- Automatic Java to Kotlin conversion

Kotlin/Android

- 2017 I/O Officially Supported
- 2019 I/O Kotlin First
- Android KTX

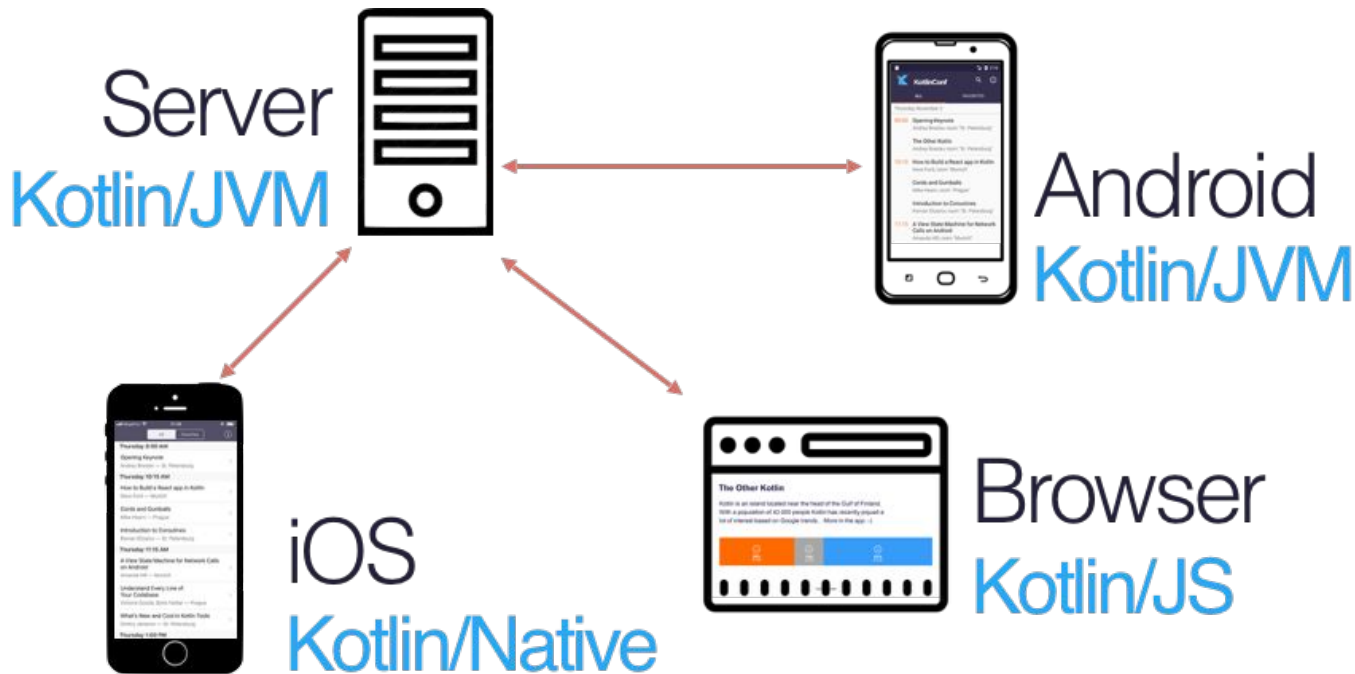
Kotlin/JS

- Transpile to JavaScript
- Readable generated JS code
- JS interop

Kotlin/Native

- Compiles to native binaries using LLVM
- No Virtual Machine!
- Targets
 - iOS / Android
 - Windows, Linux, Mac
 - Small Devices
- C, Swift, Objective-C

Multiplatform projects



主办方



GDG Beijing

DevFest 2018 谷歌开发者节

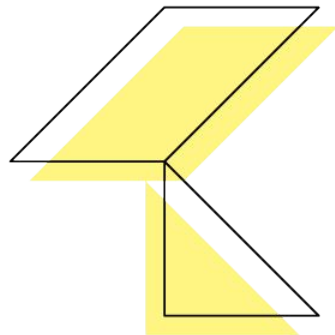


TensorFlow Codelab 活动

技术分享和代码实践



Android 沙龙



关注北京GDG社区

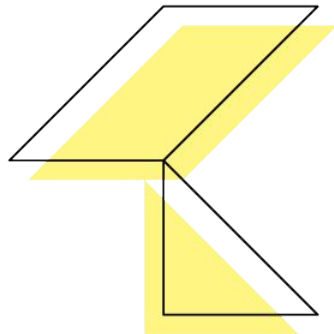
1) Meetup:

<https://www.meetup.com/GDG-Beijing/>



2) 微信公众号: 北京GDG / GDG_Beijing

3) 微博: @北京GDG

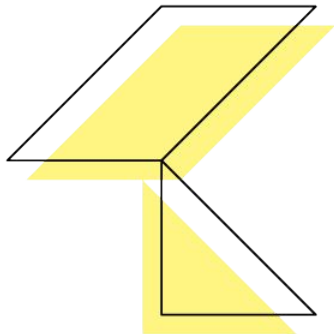


主办方: Kotlin中文社区

Kotlin中文社区是国内最大的 Kotlin 社区, 维护有 Kotlin中文站、Kotlin中文博客、Kotlin中文论坛、Kotlin 公众号以及QQ群等。

在知乎、掘金、CSDN、简书、开发者头条等技术社区也有开设账号。

曾在北京、成都等地多次举办线下活动。



关注Kotlin中文社区

Kotlin 中文站: <https://kotlincn.net>

Kotlin 中文博客: <https://www.kotliner.cn/>

Kotlin 中文论坛: <https://discuss.kotliner.cn/>

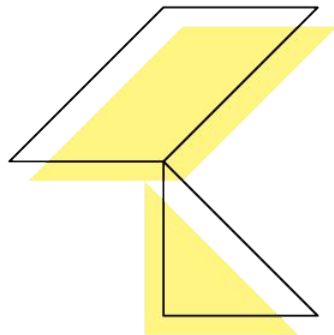


Kotlin

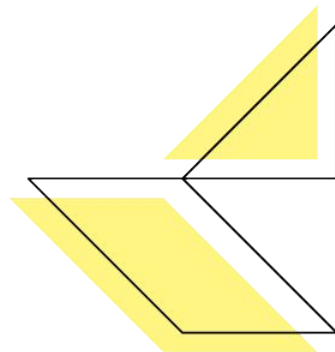
微信公众号: Kotlin



QQ 群: 603441485



支持单位



媒体宣传



segmentfault | 思否

V2EX



谷歌开发者



JetBrains



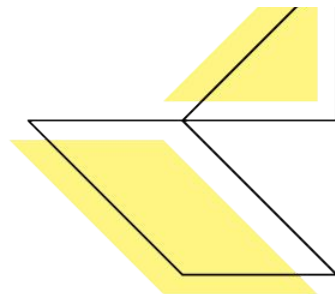
Kotlin开发者联盟



Kotlin



灰蓝时光



媒体宣传



HenCoder



扔物线学堂



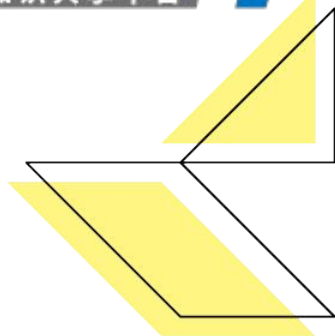
华章计算机



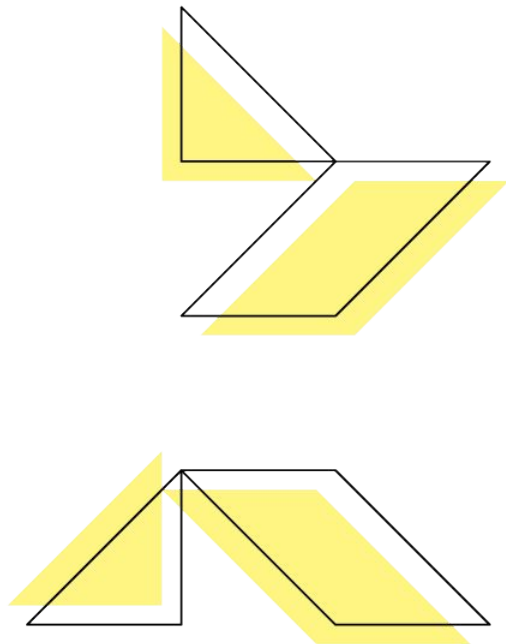
Android | Kotlin



承香墨影

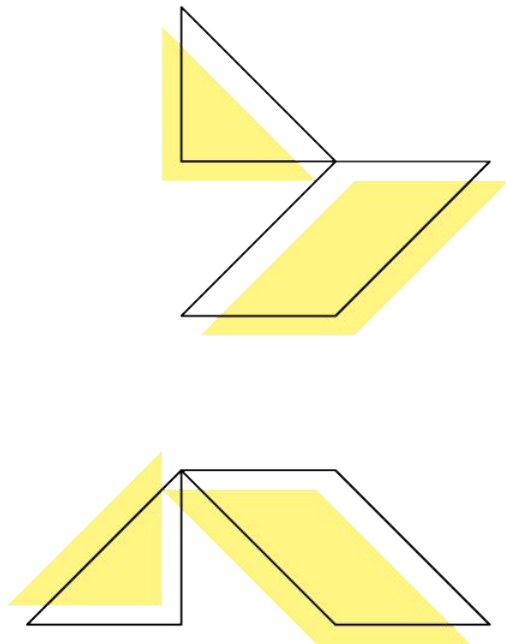


提问送书



日程安排

10:10-10:50	What's New in Kotlin	Svetlana Isakova
10:50-11:30	携程 Kotlin Multiplatform 工程实践	陈琦
11:30-12:10	潜力无限：Kotlin 用于服务端与 WebAssembly	贾彦伟
12:10-13:40	中午午休	-
13:40-14:20	Boost Your Productivity with Kotlin	陈龙博
14:20-15:00	Be Friends with kotlin	段建华
15:00-15:20	下午茶歇	-
15:20-16:00	Kotlin High-Performance Programming	朱涛
16:00-16:40	Kotlin Coroutine	朱凯
16:40-17:20	Kotlin 函数式编程	乔禹昂



感谢

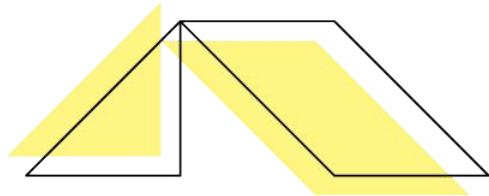
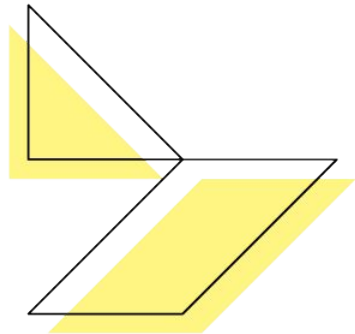
讲师: Svetlana Isakova、陈琦、贾彦伟、陈龙博、段建华、朱涛、朱凯、乔禹昂、高杰。

Google: Tracy Wang

JetBrains: 范圣佑、赵磊

组织者: 韩国恺、高冰

志愿者: 王盟盟、侯林、朱向东、黄钰、倪启航、郑子天、胡泊



Welcome our first speaker



Svetlana Isakova
Developer Advocate, JetBrains

