

Recap:
KotlinConf &
Google I/O 2023

KotlinConf 2023





KotlinConf

- [Keynote](#)
 - Kotlin 2.0 with K2 Compiler
 - New features with Kotlin >2.0
 - static extensions
 - collection literals
 - name-based destructuring
 - context receivers
 - explicit fields
 - Kotlin Notebooks
 - Kotlin Multiplatform
 - Compose for iOS Alpha
 - Experimental Compose for Web (WASM)
- [YouTube: Talks Playlist](#)



Kotlin Multiplatform

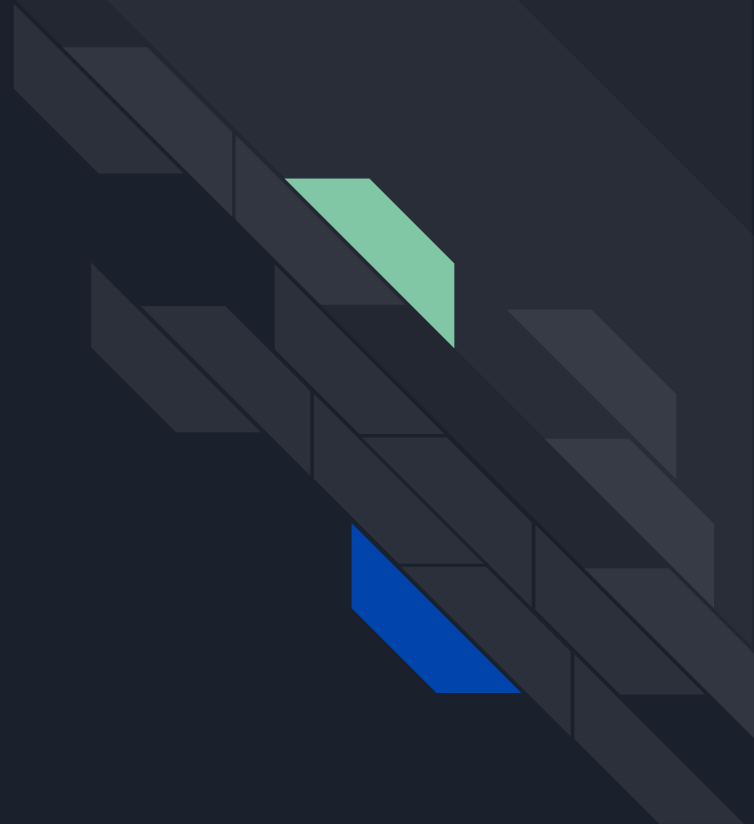
- [Supported by more and more \(Kotlinx\) libraries](#)
- [Kotlin Multiplatform for iOS](#)
- [Kotlin Multiplatform Mobile for Teams](#)
- [Level up on Kotlin Multiplatform](#)
- ... and more



Compose for everywhere?

- [Compose for iOS](#)
 - Alpha
 - Part of Compose Multiplatform 1.4
 - [Fund for multiplatform library authors](#)
- More Compose talks
 - [Reflections on a Year of Compose](#)
 - [Modern Compose Architecture with Circuit](#)
 - ...

Google I/O 2023





Android TLDR

- AI, AI, AI. Everywhere
- [Foldable](#) and [Tablet](#)
- Android 14 Beta 2 (→ [Beta 3 available](#))
- [Wear OS 4](#)
- Compose stuff



Android Dev

- Compose
 - Different form factors
 - [Compose for TV](#)
 - [Jetpack Glance Beta](#)
 - Compose improvements (e.g. performance for Modifiers)
- APIs and Libraries
 - New Compose Material 3 version
 - More Jetpack libs with Multiplatform support



Android Dev

- Android Changes
 - Partial Media Access
 - Security Changes (Intents, Receiver)
 - Health Connect
 - Passkey & Unify sign-in
 - Better Form Factors Support (foldable, Chrome OS)
 - Foreground services changes 🎉 (again)
 - Improved ML Kit APIs for Android 14
 - New Accessibility APIs



Android Tooling

- Studio Bot: Coding assistant
 - Preview (US only)
 - Looks promising so far
- Android Studio improvements
 - Compose state information
 - Visual Lint
 - Accessibility Test Framework support
 - Better debugging for Compose
 - New UI (Opt-In)
 - More debugging and performance monitoring features



Flutter

- Flutter 3.10
 - Impeller now default rendering engine for iOS
 - Skia will be deprecated soon
 - Material 3 and Web performance improvements
 - JNIgen and FFIgen
 - To generate bindings for Java, Kotlin and C interop
- Dart 3
 - 100 % null safety
 - Records, pattern matching and sealed classes
 - Class modifiers (interface class, base class and final class)
- Future
 - WASM support