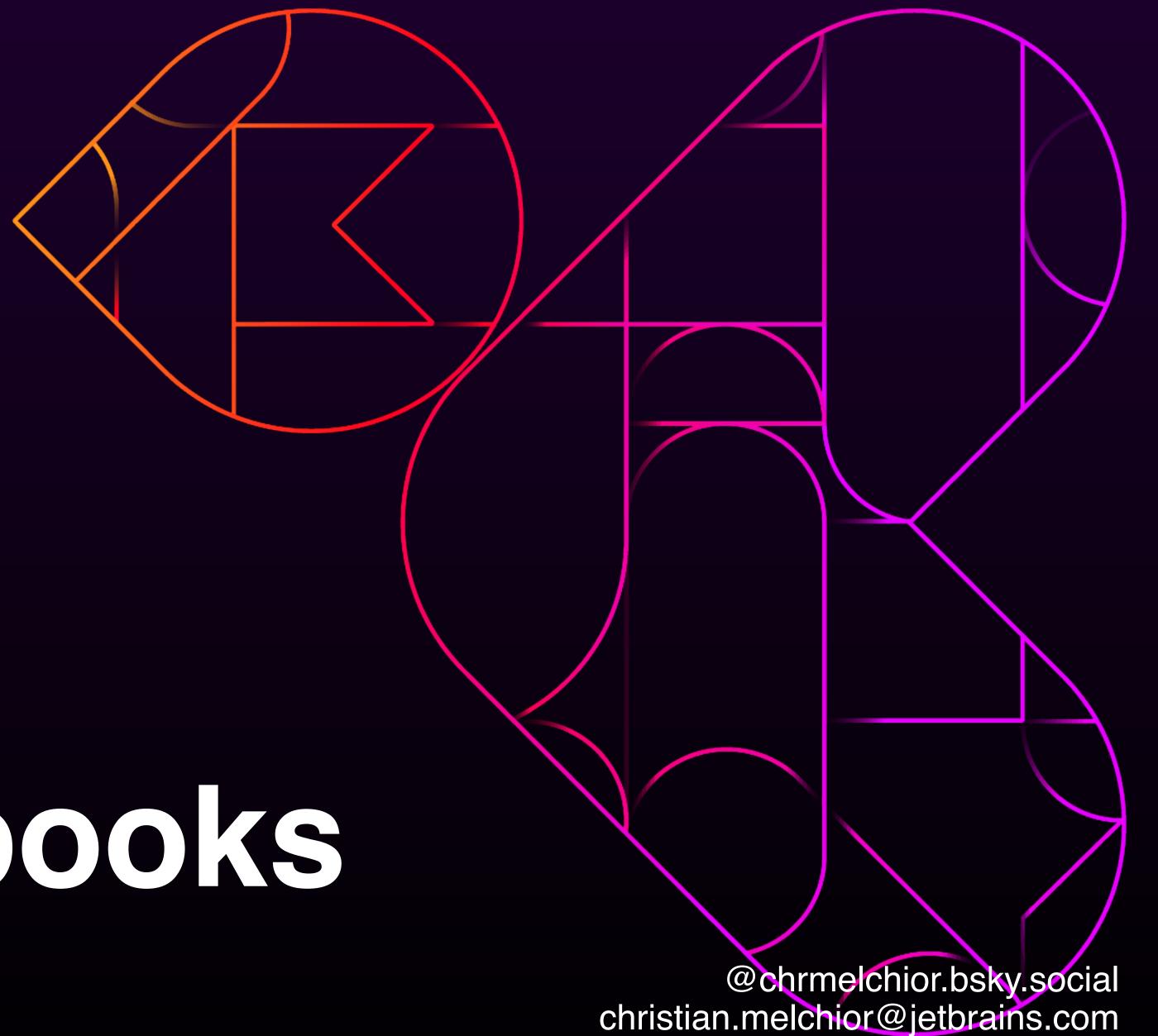
WotlinConf 2025

Compose in Kotlin Notebooks



Demo

- Run App
- @Preview
- Hot Reload
- Kotlin Notebooks

- Run App
- @Preview
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- * Jetpack and Multiplatform
- * No extra setup
- * Doesn't scale to larger projects
- * Long roundtrip if UI is deep inside the app.

Run App

@Preview

Hot Reload

Kotlin Notebooks

* Jetpack and Multiplatform

* @Preview function inside app code

* Only static data

- Run App
- @Preview
- Hot Reload
- Kotlin Notebooks

- * Only Compose Desktop
- * Iterate on existing app
- * Live Data

- Run App
- @Preview
- Hot Reload
- Kotlin Notebooks

- * Only Compose Desktop
- * No project setup required
- * Interactive playground with live data

Current Status

- Compose Support: <u>KTNB-650</u> Still in Development
- Requires K2 REPL <u>KTNB-891</u> Delayed
- Distributing across hardware architectures still needs to be resolved

Take-aways

- Kotlin Notebooks are available for free in IntelliJ (Community and Ultimate) and Android Studio
- Compose support are still "In Development" (sorry). Catch me at KotlinConf if you have a use case for this. Would love to chat.
- Swing support are Experimental. Please report feature requests and bugs at https://youtrack.jetbrains.com/issues/KTNB
- Introduction: https://kotlinlang.org/docs/kotlin-notebook-overview.html
- Getting Started: https://kotlinlang.org/docs/get-started-with-kotlin-notebooks.html

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Thank You, and Don't Forget to Vote

