

Compose in Kotlin Notebooks

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Demo

Working with Compose

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

Working with Compose

- 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.

Working with Compose

- Run App

- @Preview

- Hot Reload

- Kotlin Notebooks

- * Jetpack and Multiplatform
- * @Preview function inside app code
- * Only static data

Working with Compose

- Run App

- @Preview

- Hot Reload

- Kotlin Notebooks

- * Only Compose Desktop

- * Iterate on existing app

- * Live Data

Working with Compose

- Run App
- @Preview
- Hot Reload

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

Current Status

- Compose Support: [KTNB-650](#) - Still in Development 🥲
- Requires K2 REPL - [KTNB-891](#) - 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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and Don't
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