Workshop Preparation

We're looking forward to meeting you at our workshop. There are a few things that you can do to start the day as smoothly as possible.
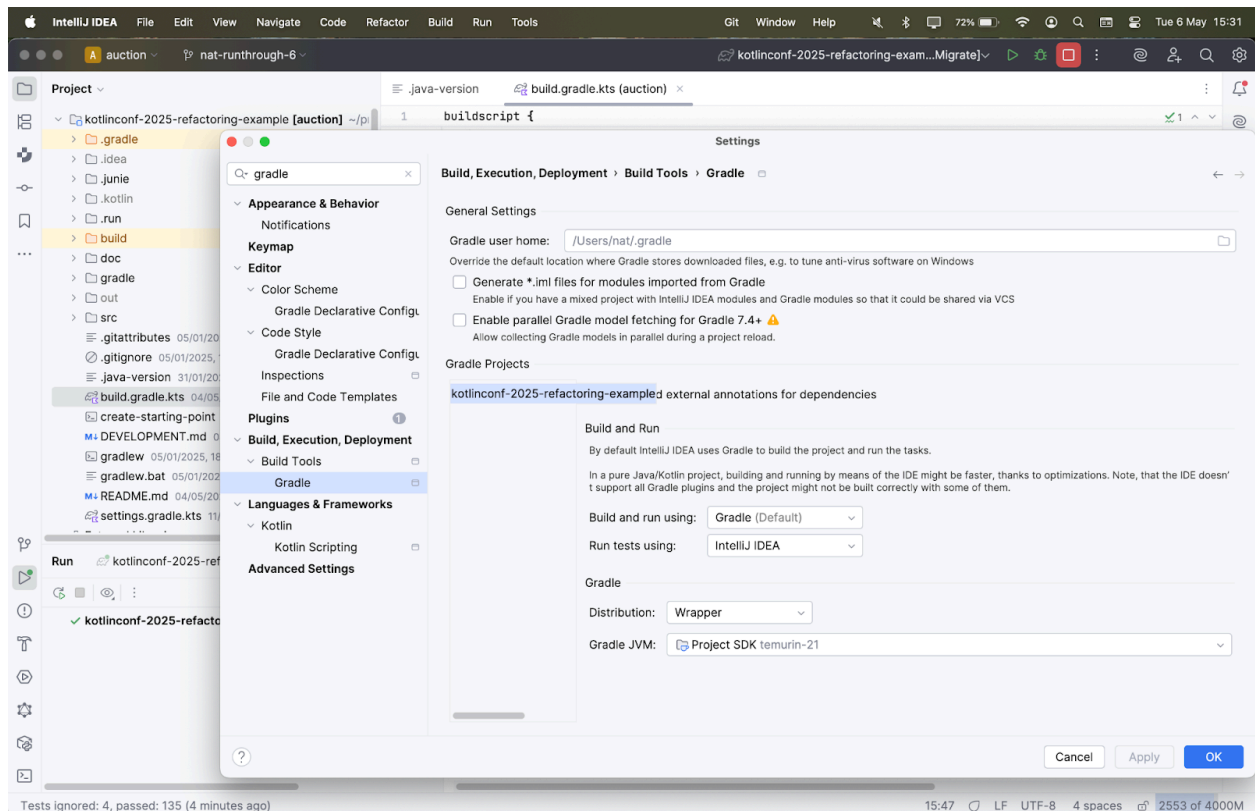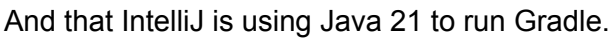
Install tools:

- IntelliJ
- IntelliJ plugins:
    - Kotlin 2.1.20
    - AI Assistant
    - Junie
    - Markdown Plugin for reading the documentation. Install PlantUML support via the Markdown settings to see the diagrams.
- Java JDK 21
- Gradle 8.11.1
- If you have any other LLM coding assistants installed, then you're free to use them in the workshop. We will compare and contrast refactoring with the IDE and with coding agents.
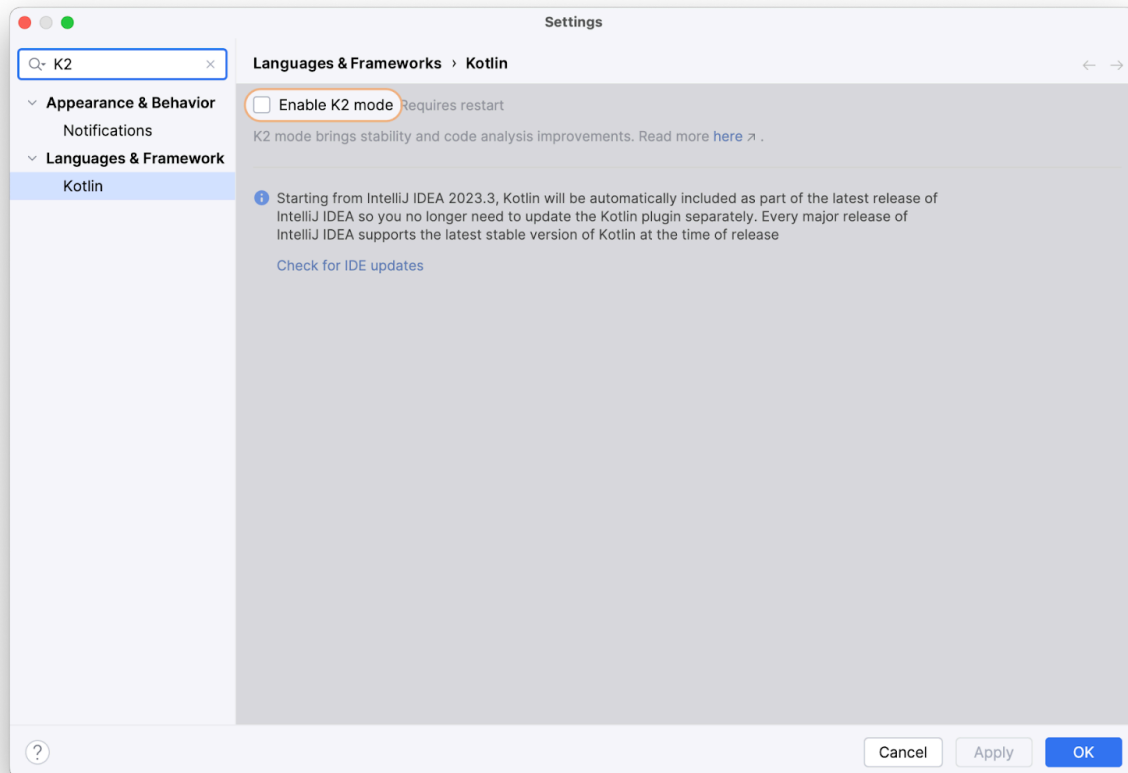
Check out the project: https://github.com/java-to-kotlin/kotlinconf-2025-refactoring

Make sure that it builds with `./gradlew clean test`

Ensure that the IntelliJ project is using a Java JDK 21 as its SDK - eg

And that IntelliJ is using Java 21 to run Gradle.

Confirm you can open the project in IntelliJ and run all the tests. We prefer to have IntelliJ run the tests rather than Gradle, but it's hard to know which is better.

A number of refactorings are not available or do not work when you are using the new K2 Kotlin compiler implementation. Switch to the classic compiler by unchecking the "Enable K2 mode" checkbox in the Kotlin settings.

Or you could try the latest EAP release of IntelliJ to see what has been fixed.