JUnit 5.6 Features & Insights

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Thessaloniki Not-only Java Meetup

Reasons for lightning talk

- George Panaretos proposal
  - https://blogs.oracle.com/javamagazine/junit-5-6-makes-testing-easy-with-new-features
- Feb 2017 meetup event Thomas Pliakas talk
  - https://www.meetup.com/Thessaloniki-Not-Only-Java/events/237025729/
- 2017-2018 I followed the project & contributed
- Good opportunity to revisit project

Project Goals

- Main motivation not for end-user changes
- JUnit 4 become a key part of testing on the jvm
- Outgrew it’s original goal by taking on an infrastructural role
- Became a bottleneck on tool development
- Predated java 8, missing on new features of the language

Framework parts
-or-
What is Junit5?

- JUnit Platform
  - Launcher(runner) - TestEngine API
- JUnit Jupiter
  - Programming & extension model
- JUnit Vintage
  - On platform implementation for junit4 & junit3 tests

Setting - up

- The previous complexity can make setup tricky
- User Guide getting started:
  - https://junit.org/junit5/docs/current/user-guide/#overview-getting-started-example-projects
- Gradle example
  - https://github.com/junit-team/junit5-samples/tree/r5.6.2/junit5-jupiter-starter-gradle

IDE Samples

Thanks!