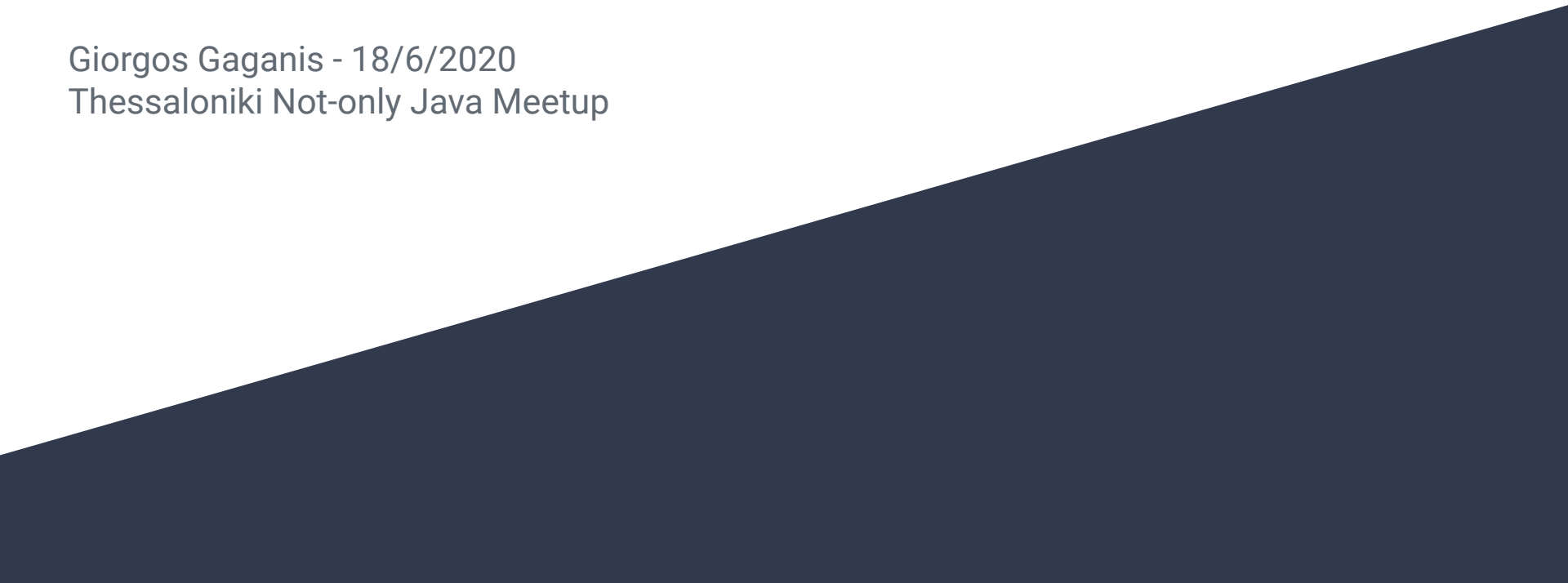


JUnit 5.6 Features & Insights

Giorgos Gaganis - 18/6/2020
Thessaloniki Not-only Java Meetup

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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!

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