JUnit 5: The Rise of Jupiter

# About me

## Yaroslav Yermilov


**Senior Software Engineer**
**EPAM Systems**

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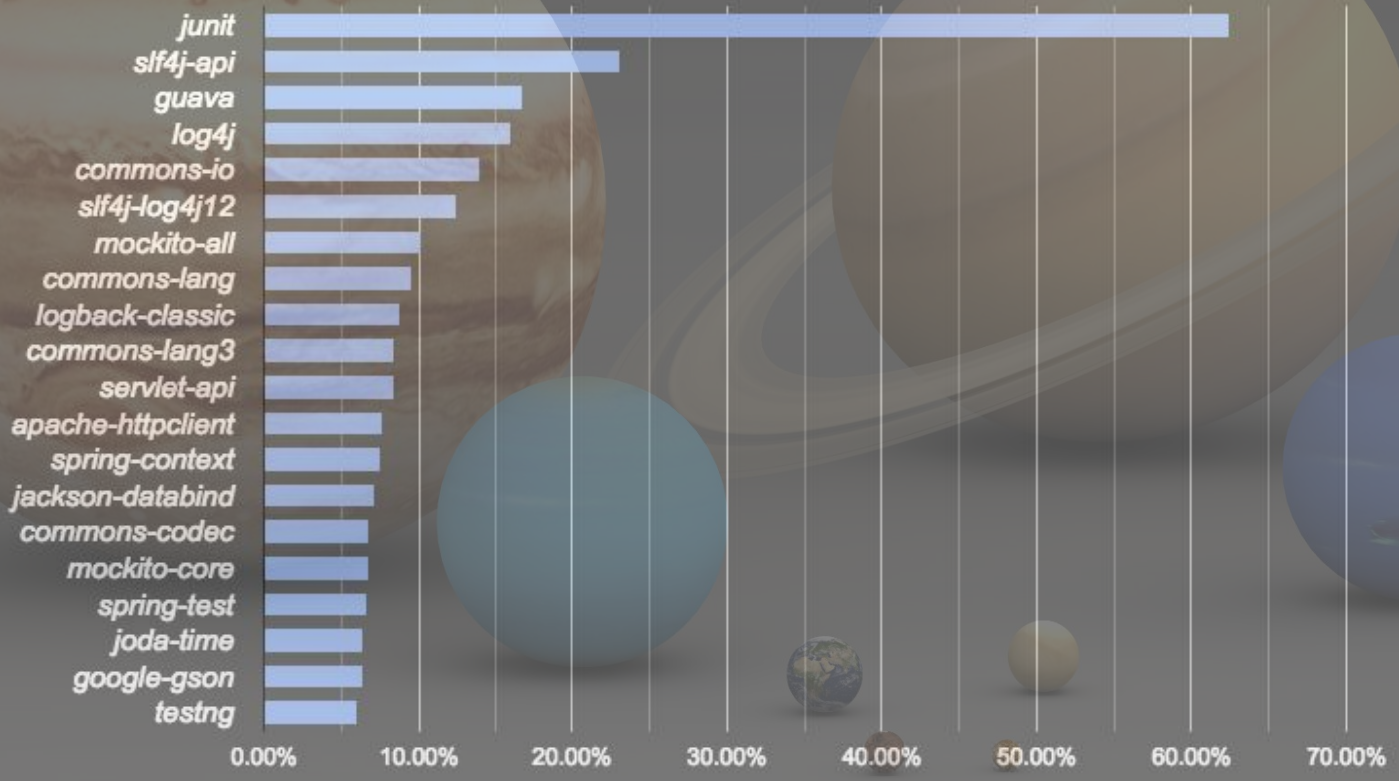
**Worked on Big Data projects since 2012**
**Among other tasks, responsible for test automation**
**Out of office is a big Groovy ecosystem fan**

# The Top 20 Libraries Used by Github's Most Popular Java Projects

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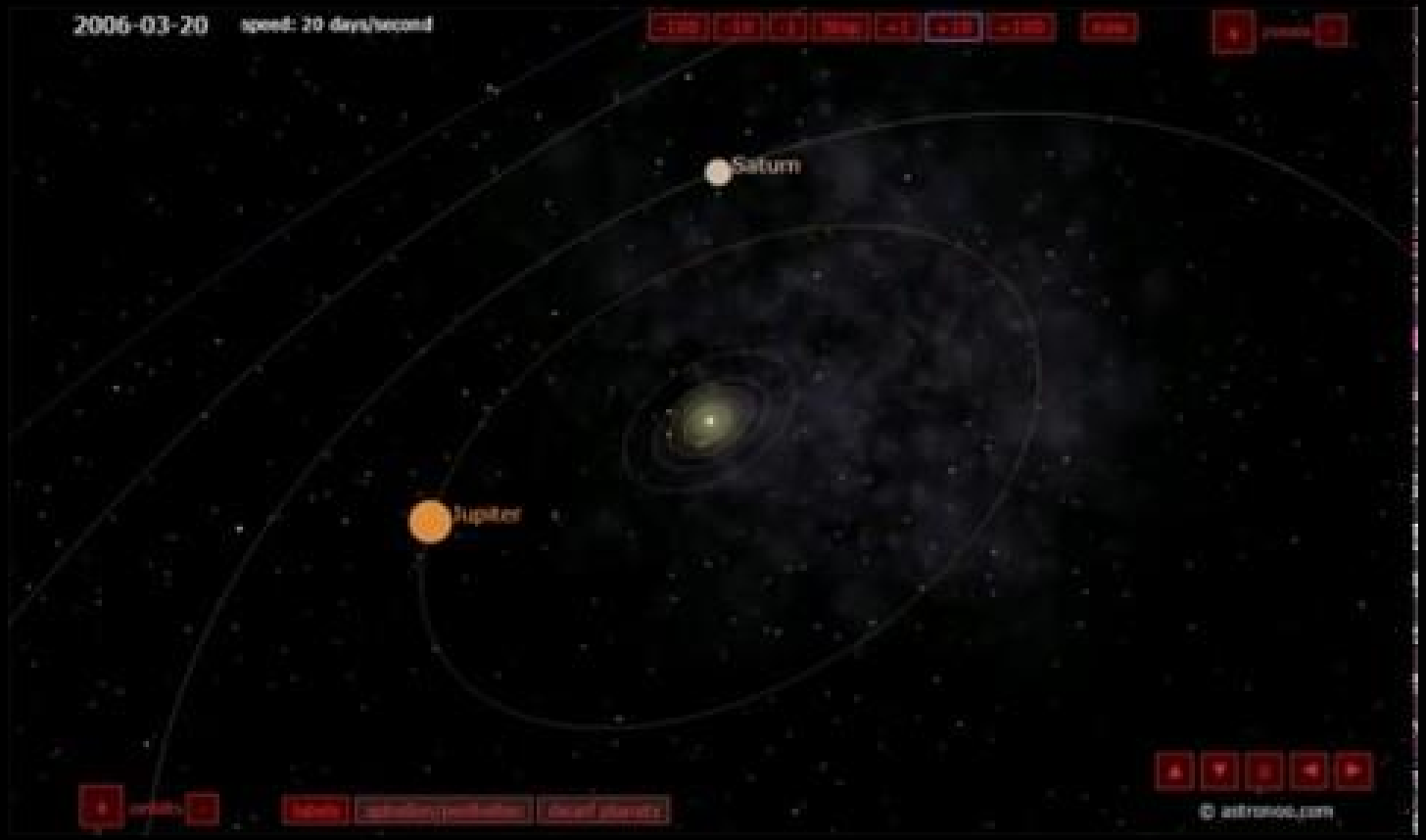
2006-03-20
speed: 20 days/second
Saturn
Jupiter
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Closed

# JUnit Lambda

Shaping the future of testing on the JVM

Marc Philipp
Karlsruhe, Germany
About

**€53,937** EUR raised by 474 backers

216% of €25,000 fixed goal

STORY UPDATES (5) COMMENTS (67) BACKERS (474)

## Why JUnit needs your support

With 43 million downloads from Maven Central in 2014 **JUnit** still is the default testing library for Java. Millions of projects rely on it being both stable and allowing to test the latest features of the latest JDK. Moreover, many other testing libraries hook into JUnit as a way to enable IDE and build tool integration. Keeping JUnit in shape is a major task for those maintaining and evolving the library.

As of today, none of the active JUnit maintainers are payed by their employer to do this work. Not surprisingly many unresolved issues have piled up and, what's worse,

PERKS

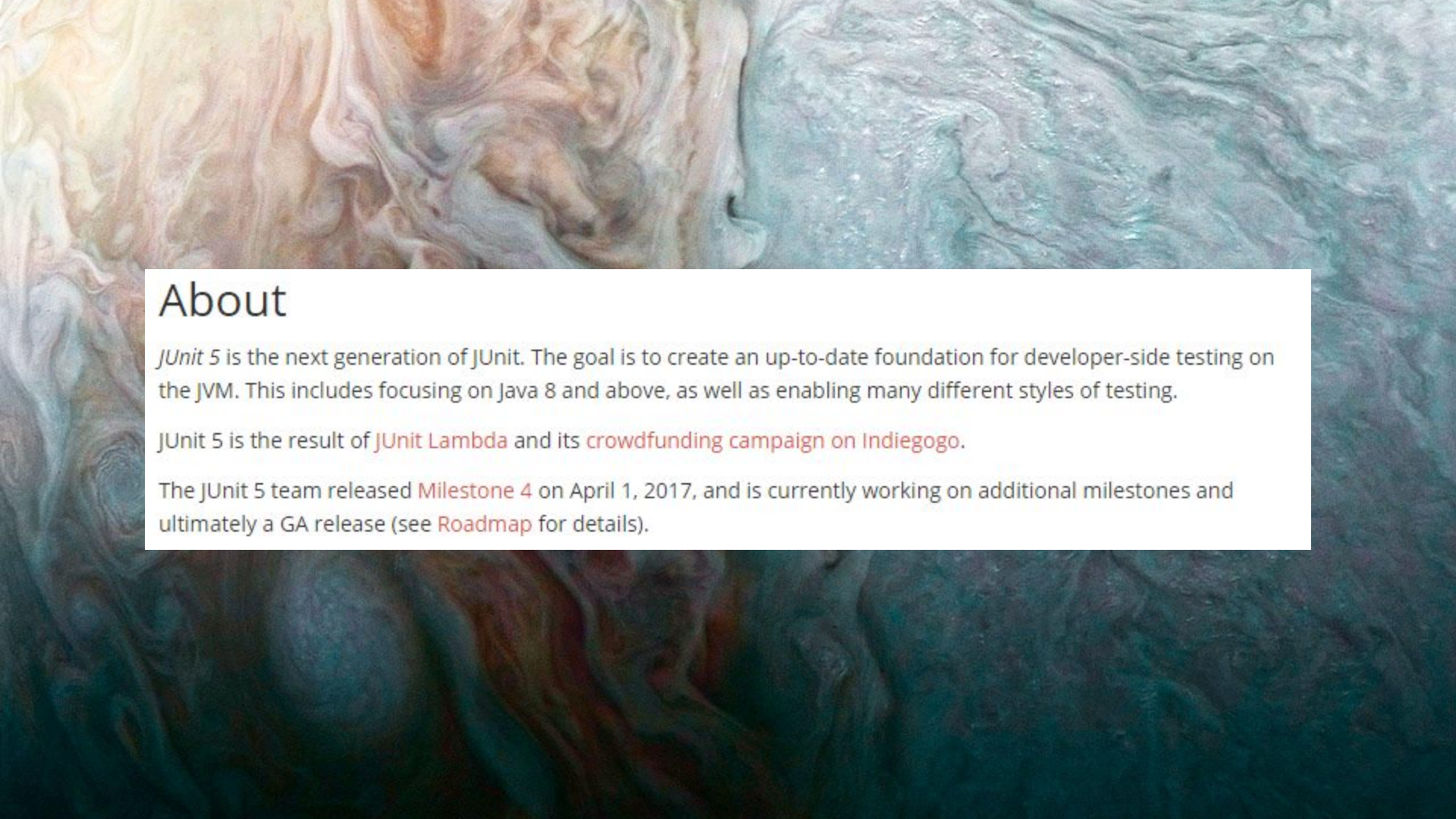
**€2500** EUR

5 invitations to release party

Your logo will be added to the JUnit website campaign page and, in addition, you will receive 5 invitations to the release party.

1 out of 10 claimed

ESTIMATED JUNE 2016



# About

*JUnit 5* is the next generation of JUnit. The goal is to create an up-to-date foundation for developer-side testing on the JVM. This includes focusing on Java 8 and above, as well as enabling many different styles of testing.

JUnit 5 is the result of JUnit Lambda and its crowdfunding campaign on Indiegogo.

The JUnit 5 team released Milestone 4 on April 1, 2017, and is currently working on additional milestones and ultimately a GA release (see Roadmap for details).

## Phase 5: Additional Milestones

The JUnit team plans to release additional milestones in 2016 and 2017.

## Phase 6: Release Candidates

Once the JUnit team and community are satisfied with the stability and core feature set of released milestones, the JUnit team plans to publish one or more release candidates (e.g., RC1, RC2, etc.) before a final GA release.

## Phase 7: GA Release

Depending on time constraints, resources, and community feedback, the JUnit team plans to release JUnit 5.0 GA during Q3 2017.

Космос | Астрофотография

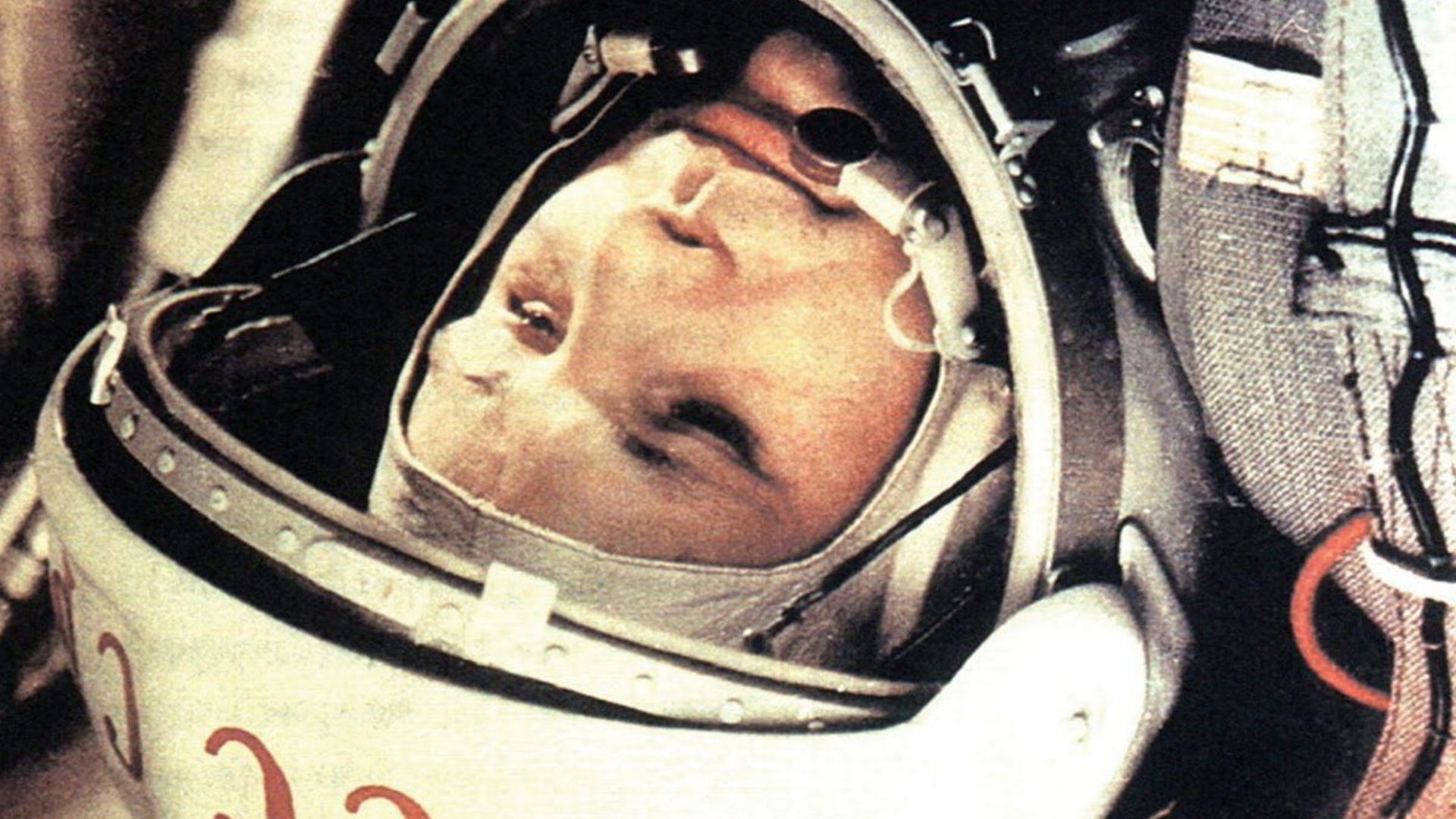
10:25 | 08 Апр. 2017

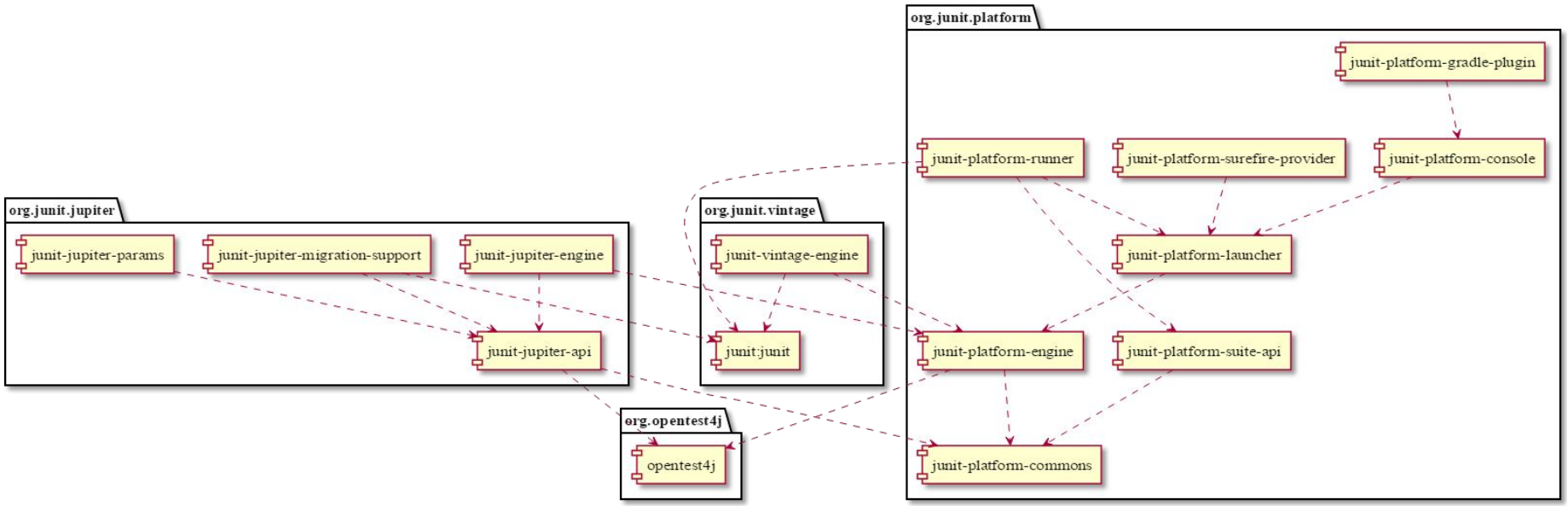
Сложность | 1.7

# Во славу Юпитера

*Десять свежих снимков российских астрофотографов*

Наступил один из самых удачных моментов для наблюдений Юпитера. Седьмого апреля планета достигла точки противостояния с Солнцем, а значит, расстояние от нее до Земли минимально — ближе к нам в этом году Юпитер уже не окажется. Это прекрасный повод вооружиться телескопом, мощным биноклем или даже фотоаппаратом с телеобъективом и приступить к поискам газового гиганта. А

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junit-platform-engine
junit-platform-suite-api
junit-platform-commons
org.junit.jupiter
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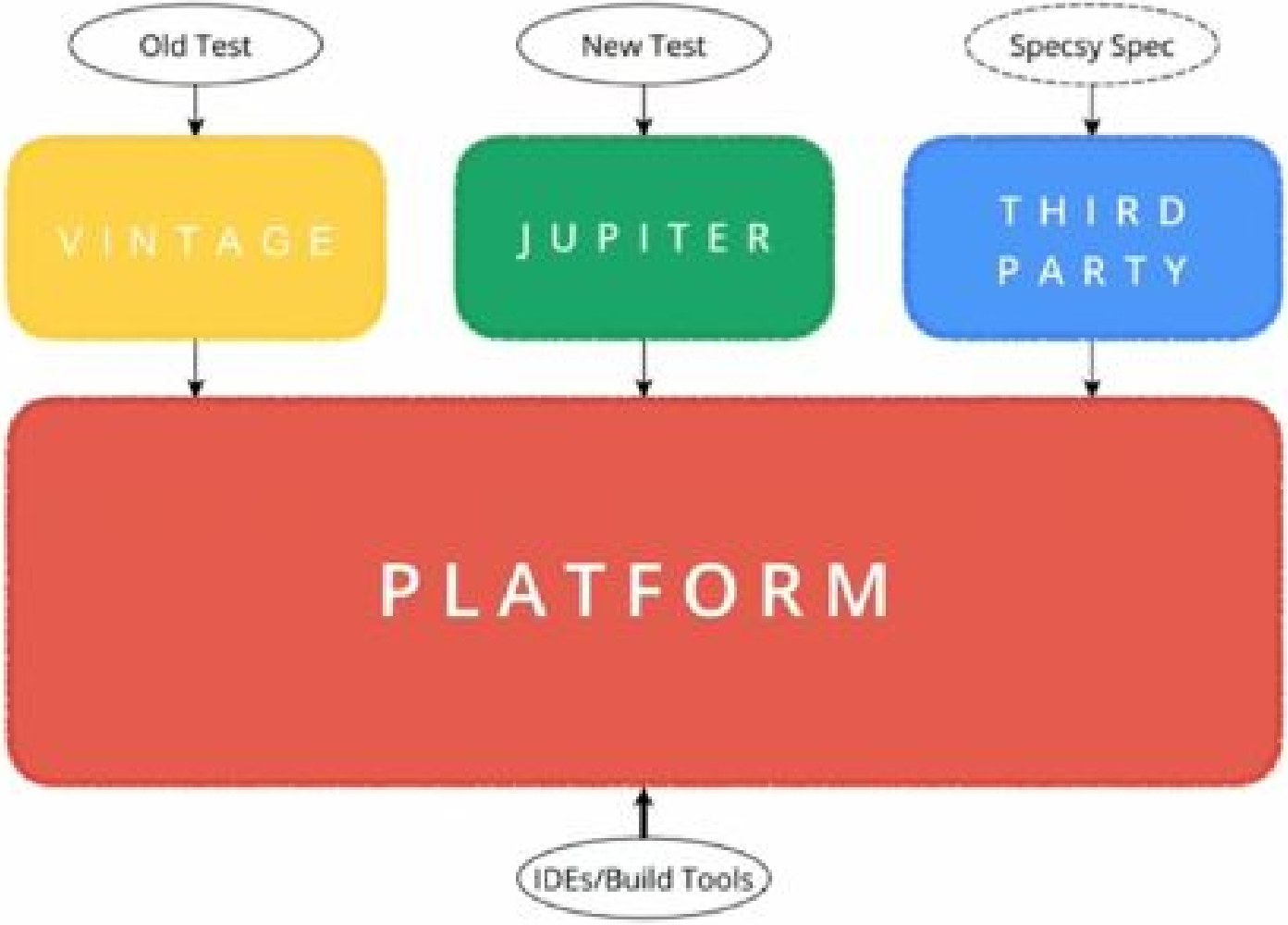
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New Test
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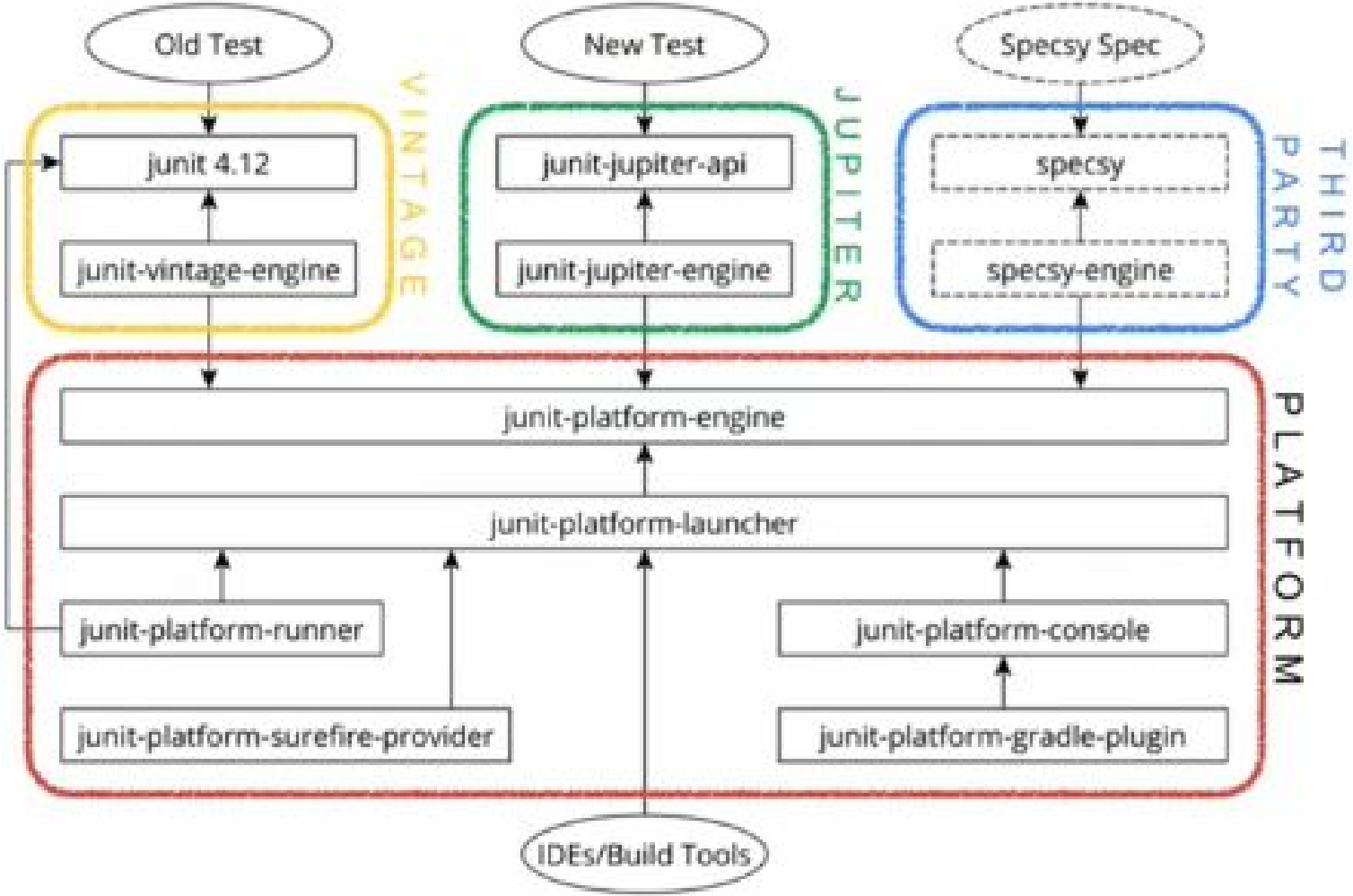
VINTAGE
JUPITER
THIRD PARTY
PLATFORM
IDEs/Build Tools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THIRD PARTY
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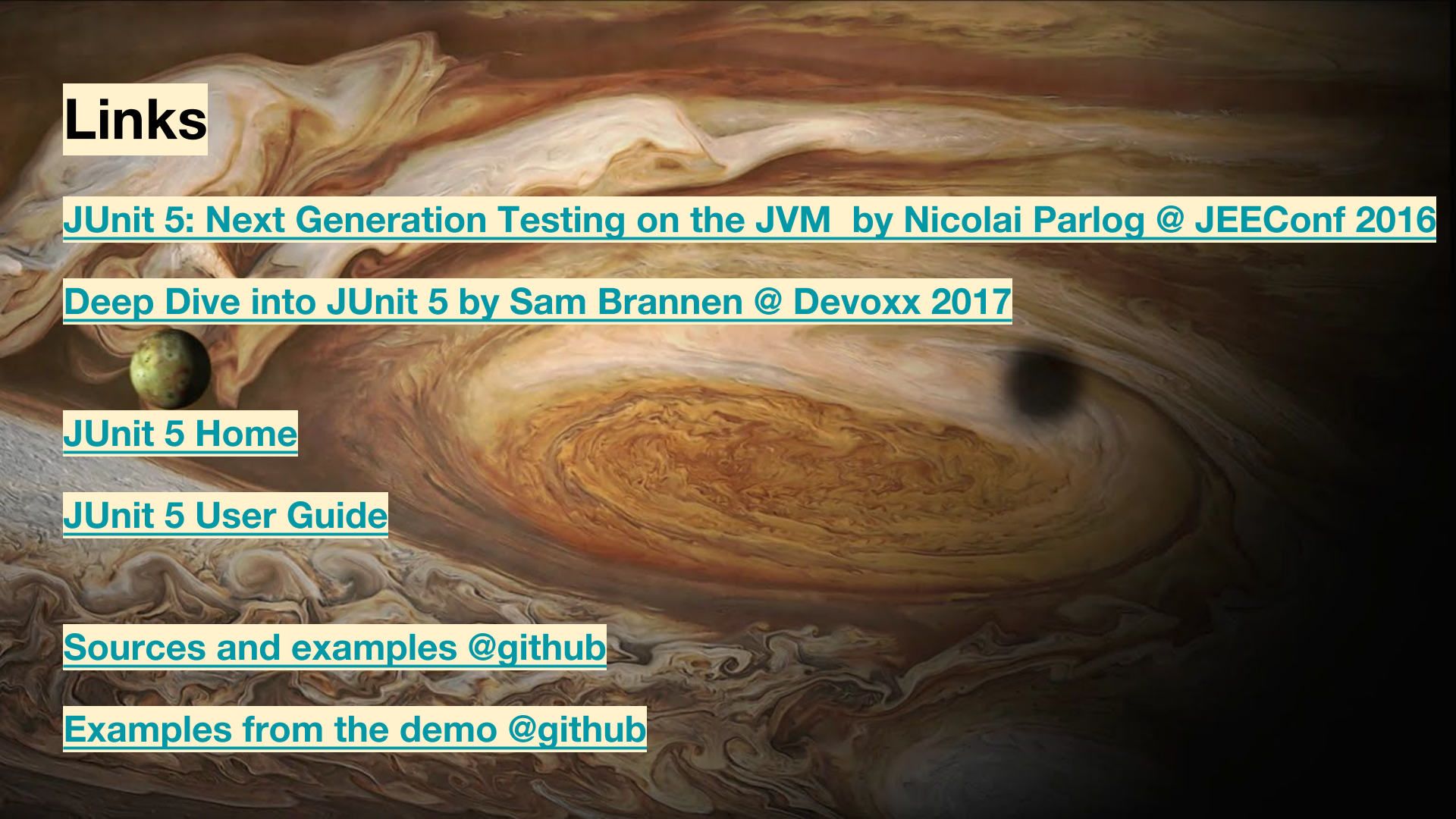
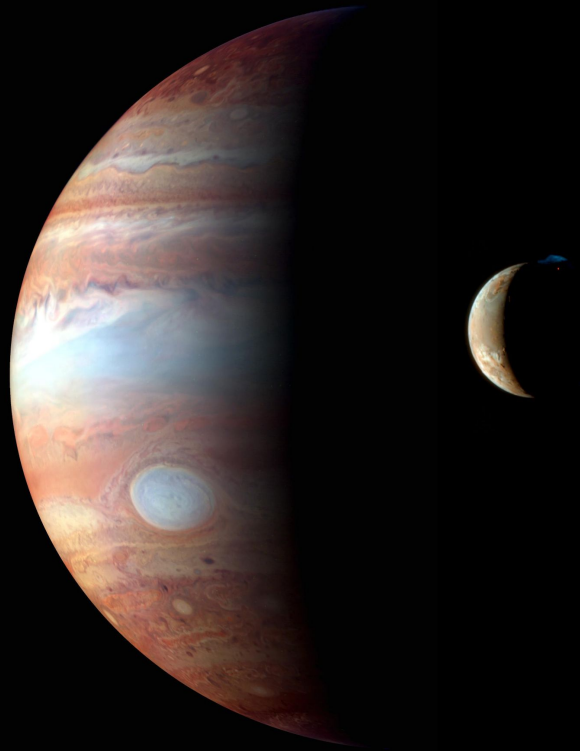
IDEs/Build Tools


Links
JUnit 5: Next Generation Testing on the JVM by Nicolai Parlog @ JEEConf 2016
Deep Dive into JUnit 5 by Sam Brannen @ Devoxx 2017
JUnit 5 Home
JUnit 5 User Guide
Sources and examples @github
Examples from the demo @github

# Thank you!