



Contribution ID: 52

Type: **Tutorial or Skill-Up**

Testing - to Unit Tests and Beyond

Wednesday, March 6, 2024 10:30 AM (20 minutes)

In this presentation, we will dive into the topic of testing, with a specific focus on the development of unit tests. Fundamental approaches to writing effective tests and improving the quality of our software will be explained. We will go into why to do testing at all and how it helps us to detect bugs early and enhance the maintainability of our codebase.

In order to be able to determine how well our code is tested, the concept of code coverage is introduced. Furthermore, an outlook on additional possibilities and approaches for writing tests will be provided. This will include advanced testing concepts such as integration tests, property based testing, and mutation tests.

The objective of this presentation is to provide participants with a basic understanding of unit test development and equip them with practical tips and techniques for building high-quality software. We hope that after this talk, you will be able to write tests effectively and optimize your development processes.

Slot length

other(help with comment)

Primary author: FRITZ, Jakob (Forschungszentrum Jülich GmbH)

Co-author: SPECK, Robert (Forschungszentrum Jülich GmbH)

Presenter: FRITZ, Jakob (Forschungszentrum Jülich GmbH)

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