

Meetup: How to Use Jenkins and Github CI for Integration Testing and Unit Testing

December 1st, 2025, h17, Room M1.5

Hosted by: Prof. P. Burgio

Speakers: Dr. M. Trimarchi, Dr. F. Giorgetti

This meetup will delve into the critical role of automated testing within a Continuous Integration (CI) pipeline, with a specific focus on unit and integration testing.

We will begin by clarifying the distinct yet complementary purposes of these two essential testing methodologies and then demonstrate how to effectively integrate them into a Jenkins and Github CI pipelines.

We will explore practical examples and best practices, such as using mocking and stubs for unit tests to isolate dependencies and setting up a dedicated test environment for integration tests.



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