

Website: awesome-testing.com

Contact: <https://awesome-testing.com/contact>

Performance Testing with Gatling + Java

Workshop focused on methodology, load modeling, Gatling implementation, and decision-ready performance reporting.

Level: Intermediate

Duration: 2 days

Mode: remote, onsite

Languages: PL, EN

Tooling: Gatling, Java

Details: <https://awesome-testing.com/workshops/performance-gatling-java>

Key outcomes

- Plan performance tests from business goals
- Implement robust scenarios in Gatling + Java
- Present SLA/SLO-oriented reports for technical and business stakeholders

Full program

Overview

A practical workshop on planning, implementing, and analyzing performance tests with Gatling and Java. The program combines load testing methodology with hands-on scripting and report interpretation oriented to SLA/SLO decisions.

What you will learn

- Translate business goals into measurable performance test objectives
- Build reusable load scenarios in Gatling + Java
- Work with realistic traffic models and dynamic data
- Communicate results clearly to technical and business stakeholders

Workshop agenda

Day 1: Methodology and scenario design

- Performance testing goals, scope, and risk framing
- Workload modeling and user behavior patterns
- Gatling project structure and script fundamentals
- Assertions and thresholds aligned with service objectives

Day 2: Realism and reporting

- Correlation, dynamic tokens, and data feeders
- Scenario hardening for repeatable runs
- Report analysis: latency, throughput, error rates, saturation
- Converting technical results into release recommendations

Prerequisites

Basic knowledge of APIs/HTTP and Java fundamentals is recommended.