

Introduction to JMeter

2 Day Workshop

This comprehensive course covers all the essential principles of Performance Testing with JMeter.

Designed for beginners as well as testers with previous non-functional testing experience. The course introduces the popular open source tool, explains how to build and configure the a test plan and then execute and review the results..

Throughout the course practical examples are demonstrated, and the delegates have exercises at the end of every chapter to aid comprehension.

Course Objectives

- Discover the JMeter solution for performance testing, where to get it from and how to install it
- Learn about the JMeter Tool and its components
- Plan, Build and Execute a Test Plan to meet your objectives.
- Check responses and deal with replay issues
- Capture, review and present test execution results

Course Pre-requisites

- Introduction to Performance Testing (opt)

Key Points

Introduction

What is JMeter? Why use it? What are its advantages and disadvantages?

Planning an Effective Performance Test

Understanding workload and the 'Peak Hour', application concurrency, data requirements and monitoring strategy

The JMeter Solution

Learn how to download, install and configure JMeter, take a tour of the user interface and discover the building blocks of a Test Plan.

Build a Test Plan

Manually create a test by adding Controllers, Samplers and Listeners.

Record a Test Plan

Discover third party tools designed to help you use JMeter and rapidly build your tests

Configure a Test Plan

Add assertions into your tests to make sure they are working, data drive multiple iterations and deal with replay issues.

Generate a Load Test

Configure the test plan thread groups to simulate multiple users, run your tests locally and remotely through distributed test execution.

Analysis and Reporting

Capture results and output into logs, convert to graphs and look for performance trends

2
Days

The introductory course that takes you from beginner through to executing Performance Tests with JMeter

Recommended for anyone new to Non-Functional Testing