Performance Testing with Jmeter - Second Edition

By Bayo Erinle

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Test web applications using Apache JMeter with practical, hands-on examples

About This Book

- Create realistic and maintainable scripts for web applications
- Effectively use various JMeter components to achieve testing goals
- Leverage the cloud for distributed testing

Who This Book Is For

This book is great for developers, quality assurance engineers, testers, and test managers new to Apache JMeter, or those who are looking to get a good grounding in how to effectively use and become proficient with JMeter. No prior testing experience is required.

What You Will Learn

- Set up and prepare Apache JMeter for testing
- Record test scenarios or create them from scratch
- Test RESTful web services
- Effectively monitor resources during performance tests
- Build realistic, comprehensive, and maintainable test plans
- Understand distributed testing using Vagrant, AWS, Flood.io, and BlazeMeter
- Extend JMeter functionality through plugins
- Understand and effectively use JMeter components to achieve testing needs

In Detail

This book is a practical, hands-on guide that equips you with all the essential skills needed to effectively use JMeter to test web applications using a number of clear, step-by-step recipes.

The book starts with the basics of performance testing and teaches you how to go about recording your first test. The book then focuses on distributed testing, teaching you how to configure master and slave nodes as well as leverage the cloud and launch AWS instances. The book ends with some tips and best practices with regard to performance testing such as how to use the debug sampler, H2 database, dummy sampler, and MongoDB sampler, among others.

By the end of the book, you will have learned how to take full advantage of the real power behind Apache JMeter, quickly taking you from a novice to an expert.

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Editorial Review

About the Author

Bayo Erinle

Bayo Erinle is an author and senior software engineer with over 11 years of experience in designing, developing, testing, and architecting software. He has worked in various spectrums of the IT field, including government, commercial, finance, and health care. As a result, he has been involved in the planning, development, implementation, integration, and testing of numerous applications, including multi-tiered, standalone, distributed, and cloud-based applications. He is passionate about programming, performance, scalability, and all things technical. He is always intrigued by new technology and enjoys learning new things. He currently resides in Maryland, US, and when he is not hacking away at some new technology, he enjoys spending time with his wife, Nimota, and their three children, Mayowa, Durotimi, and Fisayo. He also authored Performance Testing with JMeter 2.9 (first edition) and JMeter Cookbook, both by Packt Publishing.

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