

1. Record Nr.	UNINA9910459808503321
Autore	Erinle Bayo
Titolo	JMeter cookbook : 70 insightful and practical recipes to help you successfully use Apache JMeter // Bayo Erinle
Pubbl/distr/stampa	Birmingham : , : Packt Publishing, , 2014
ISBN	1-78398-829-0
Edizione	[1st edition]
Descrizione fisica	1 online resource (228 p.)
Collana	Quick answers to common problems
Disciplina	004.67
Soggetti	Cross-platform software development Computer software - Development Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Cover; Copyright; Credits; About the Author; About the Reviewers; www.PacktPub.com; Table of Contents; Preface; Chapter 1: JMeter Fundamentals; Introduction; Executing a test script; Recording a script via HTTP(S) Test Script Recorder; Recording scripts via the Chrome browser extension; Converting HTTP web archives (HAR) to JMeter test plans; Viewing and analyzing test results; Feeding data into a script; Using timers; Managing HTTP user sessions; Testing Single Page Applications (SPAs); Testing AJAX-centric applications; Chapter 2: Handling Responses; Introduction Using Regular Expression Extractor Using Regular Expression Tester; Using CSS/jQuery Extractor; Using XPath Extractor; Dealing with file downloads; Handling XML responses; Handling JSON responses; Handling HTML responses; Using Response Assertion; Using Duration Assertion; Uploading files with your scripts; Chapter 3: Building Robust Test Plans with Controllers; Introduction; Using Transaction Controller in test plans; Using Loop Controller in test plans; Leveraging ForEach Controller in test plans; Using Interleave and Random Controller in test plans; Using Runtime Controller in test plans Chapter 4: Testing Services Introduction; Testing REST web services; Testing SOAP web services; Testing FTP services; Testing relational databases; Testing NoSQL databases; Testing JMS services; Chapter 5: Diving into Distributed Testing; Introduction; Testing applications with

JMeter's master-slave setup; Testing internal applications using JMeter and Vagrant; Testing external facing applications using JMeter, Vagrant, and AWS; Testing external facing applications using Flood.IO; Testing external facing applications using BlazeMeter; Chapter 6: Extending JMeter; Introduction

Using REST Sampler; Using Ultimate Thread Group; Using Throughput Shaping Timer; Using Console Status Logger; Using Dummy Sampler; Developing custom JMeter plugins; Testing WebSocket-enabled applications; Chapter 7: Building, Debugging, and Analyzing the Results of Test Plans; Introduction; Using the View Results Tree listener; Using the Aggregate Report listener; Debugging with Debug Sampler; Using Constant Throughput Timer; Using the JSR223 postprocessor; Analyzing Response Times Over Time; Analyzing transactions per second; Using User Defined Variables (UDV); Chapter 8: Beyond the Basics

Introduction; Continuous Integration with JMeter; Testing with different bandwidths; Using the HTTP Cache Manager component; Using script languages within test plans; Writing test scripts through Ruby DSL; Understanding JMeter properties; Monitoring servers while executing tests (using VisualVM); Monitoring servers while executing tests (using YourKit Profiler); Monitoring servers while executing tests (using New Relic); Performance tips to scale JMeter; Appendix: Installing the Supporting Software Needed for this Book; Introduction; Installing JMeter; Installing the Java Development Kit (JDK)

Installing JMeter plugins

Sommario/riassunto

This book is great for you if you are a developer, quality assurance engineer, tester, or test manager who is looking to get a firmer grasp of elementary, deep, and advanced testing concepts using Apache JMeter. It's assumed you have access to a computer and an Internet connection. No prior testing or programming experience is required, but would be helpful.
