

<Appenders>

```
<RollingFile name="FILE_ROLLING" fileName="${log.file.path}/BillCollection.log"
filePattern="${log.file.path}/BillCollection_%d{ddMMyyyy}_%i.log.gz">
```

```
<PatternLayout pattern="%d %s [%t][%C(1)]--> %m%n"/>
<DefaultRollingTriggeringPolicy max="${log.file.backupCount}" />
<Policies>
  <TimeBasedTriggeringPolicy />
  <SizeBasedTriggeringPolicy size="${log.file.size}" />
</Policies>
```

Log4J2

+

</RollingFile>

```
<Console name="CONSOLE" target="SYSTEM_OUT"
  <PatternLayout pattern="%d %s [%t][%C(1)]--> %m%n"/>
</Console>
```

Eclipse

+

```
<Async name="ASYNC">
  <AppenderRef ref="FILE_ROLLING"/>
</Async>
```

Maven

</Appenders>

#! onnan's

Maven Eclipse Guide

Francesco Corti



Maven Eclipse Guide:

Eclipse Plug-in Development: Beginner's Guide Dr Alex Blewitt, 2016-08-04 Develop skills to build powerful plug ins with Eclipse IDE through examples About This Book Create useful plug ins to make Eclipse work for you Learn how to migrate Eclipse 3 x plug ins to Eclipse 4 x From automation to testing find out how to get your IDE performing at an impressive standard Who This Book Is For This book is for Java developers familiar with Eclipse who need more from the IDE This book will sharpen your confidence and make you a more productive developer with a tool that supports rather than limits you What You Will Learn Create plug ins for Eclipse 4 x Test plug ins automatically with JUnit Display tree and table information in views Upgrade Eclipse 3 x plug ins to Eclipse 4 x Find out how to build user interfaces from SWT and JFace Run tasks in the background and update the user interface asynchronously Automate builds of plug ins and features Automate user interface tests with SWTBot In Detail Eclipse is used by everyone from indie devs to NASA engineers Its popularity is underpinned by its impressive plug in ecosystem which allows it to be extended to meet the needs of whoever is using it This book shows you how to take full advantage of the Eclipse IDE by building your own useful plug ins from start to finish Taking you through the complete process of plug in development from packaging to automated testing and deployment this book is a direct route to quicker cleaner Java development It may be for beginners but we re confident that you ll develop new skills quickly Pretty soon you ll feel like an expert in complete control of your IDE Don t let Eclipse define you extend it with the plug ins you need today for smarter happier and more effective development Style and approach Packed with plenty of examples so you re never stuck or never left simply reading instructions this book encourages you to get started immediately This book is for developers who want to develop not just learn [Selenium WebDriver 3 Practical Guide](#) Unmesh Gundecha, Satya Avasarala, 2018-07-31 Selenium WebDriver 3 is the latest version used by many professionals for automated testing The book will guide you through various Selenium WebDriver APIs and provide solutions to the common challenges faced while using Selenium WebDriver You will learn to use remote WebDriver to run tests on remote machines for cross browser testing and [Hadoop: The Definitive Guide](#) Tom White, 2015-03-25 Get ready to unlock the power of your data With the fourth edition of this comprehensive guide you ll learn how to build and maintain reliable scalable distributed systems with Apache Hadoop This book is ideal for programmers looking to analyze datasets of any size and for administrators who want to set up and run Hadoop clusters Using Hadoop 2 exclusively author Tom White presents new chapters on YARN and several Hadoop related projects such as Parquet Flume Crunch and Spark You ll learn about recent changes to Hadoop and explore new case studies on Hadoop s role in healthcare systems and genomics data processing Learn fundamental components such as MapReduce HDFS and YARN Explore MapReduce in depth including steps for developing applications with it Set up and maintain a Hadoop cluster running HDFS and MapReduce on YARN Learn two data formats Avro for data serialization and Parquet for nested data Use data ingestion tools such as Flume for streaming

data and Sqoop for bulk data transfer Understand how high level data processing tools like Pig Hive Crunch and Spark work with Hadoop Learn the HBase distributed database and the ZooKeeper distributed configuration service *Jpa 101* Christopher Maki,2006-01-01 [The Definitive Guide to NetBeans™ Platform 7](#) Heiko Bck,2012-01-24 The NetBeans Platform is the world's only modular Swing application framework used by very large organizations in mission critical scenarios such as at Boeing and Northrop Grumman as well as in the financial sector and in the oil gas industry For these large customers in enterprises who are increasingly interested in Maven and OSGi the book will have particular relevance The Definitive Guide to NetBeans™ Platform 7 is a thorough and authoritative introduction to the open source NetBeans Platform covering all its major APIs in detail with relevant code examples used throughout Provides a completely updated definitive guide to the NetBeans Platform using the latest APIs coding patterns and methodologies Focuses strongly on business features in an application since Oracle's customers are particularly interested in business related aspects For example how to use OSGi how to add authentication security how to monetize from a modular application The original German book on which this title is based was well received The NetBeans Platform Community has put together this English translation which covers the latest NetBeans Platform 7 APIs With an introduction by known NetBeans Platform experts Jaroslav Tulach and Tim Boudreau this is the most up to date book on this topic at the moment All NetBeans Platform developers will gain something from this book because several topics in the book have not been documented anywhere else

Machine Learning: End-to-End guide for Java developers Richard M. Reese,Jennifer L. Reese,Bostjan Kaluza,Dr. Uday Kamath,Krishna Choppella,2017-10-05 Develop Implement and Tuneup your Machine Learning applications using the power of Java programming About This Book Detailed coverage on key machine learning topics with an emphasis on both theoretical and practical aspects Address predictive modeling problems using the most popular machine learning Java libraries A comprehensive course covering a wide spectrum of topics such as machine learning and natural language through practical use cases Who This Book Is For This course is the right resource for anyone with some knowledge of Java programming who wants to get started with Data Science and Machine learning as quickly as possible If you want to gain meaningful insights from big data and develop intelligent applications using Java this course is also a must have What You Will Learn Understand key data analysis techniques centered around machine learning Implement Java APIs and various techniques such as classification clustering anomaly detection and more Master key Java machine learning libraries their functionality and various kinds of problems that can be addressed using each of them Apply machine learning to real world data for fraud detection recommendation engines text classification and human activity recognition Experiment with semi supervised learning and stream based data mining building high performing and real time predictive models Develop intelligent systems centered around various domains such as security Internet of Things social networking and more In Detail Machine Learning is one of the core area of Artificial Intelligence where computers are trained to self learn grow change and

develop on their own without being explicitly programmed In this course we cover how Java is employed to build powerful machine learning models to address the problems being faced in the world of Data Science The course demonstrates complex data extraction and statistical analysis techniques supported by Java applying various machine learning methods exploring machine learning sub domains and exploring real world use cases such as recommendation systems fraud detection natural language processing and more using Java programming The course begins with an introduction to data science and basic data science tasks such as data collection data cleaning data analysis and data visualization The next section has a detailed overview of statistical techniques covering machine learning neural networks and deep learning The next couple of sections cover applying machine learning methods using Java to a variety of chores including classifying predicting forecasting market basket analysis clustering stream learning active learning semi supervised learning probabilistic graph modeling text mining and deep learning The last section highlights real world test cases such as performing activity recognition developing image recognition text classification and anomaly detection The course includes premium content from three of our most popular books Java for Data Science Machine Learning in Java Mastering Java Machine Learning On completion of this course you will understand various machine learning techniques different machine learning java algorithms you can use to gain data insights building data models to analyze larger complex data sets and incubating applications using Java and machine learning algorithms in the field of artificial intelligence Style and approach This comprehensive course proceeds from being a tutorial to a practical guide providing an introduction to machine learning and different machine learning techniques exploring machine learning with Java libraries and demonstrating real world machine learning use cases using the Java platform

Machine Learning with Scala Quick Start Guide Md. Rezaul Karim,2019-04-30 Supervised and unsupervised machine learning made easy in Scala with this quick start guide Key FeaturesConstruct and deploy machine learning systems that learn from your data and give accurate predictionsUnleash the power of Spark ML along with popular machine learning algorithms to solve complex tasks in Scala Solve hands on problems by combining popular neural network architectures such as LSTM and CNN using Scala with DeepLearning4j libraryBook Description Scala is a highly scalable integration of object oriented nature and functional programming concepts that make it easy to build scalable and complex big data applications This book is a handy guide for machine learning developers and data scientists who want to develop and train effective machine learning models in Scala The book starts with an introduction to machine learning while covering deep learning and machine learning basics It then explains how to use Scala based ML libraries to solve classification and regression problems using linear regression generalized linear regression logistic regression support vector machine and Na ve Bayes algorithms It also covers tree based ensemble techniques for solving both classification and regression problems Moving ahead it covers unsupervised learning techniques such as dimensionality reduction clustering and recommender systems Finally it provides a brief overview of deep learning using a real life example in Scala What you will learnGet

acquainted with JVM based machine learning libraries for Scala such as Spark ML and Deeplearning4j Learn RDDs DataFrame and Spark SQL for analyzing structured and unstructured data Understand supervised and unsupervised learning techniques with best practices and pitfalls Learn classification and regression analysis with linear regression logistic regression Na ve Bayes support vector machine and tree based ensemble techniques Learn effective ways of clustering analysis with dimensionality reduction techniques Learn recommender systems with collaborative filtering approach Delve into deep learning and neural network architectures Who this book is for This book is for machine learning developers looking to train machine learning models in Scala without spending too much time and effort Some fundamental knowledge of Scala programming and some basics of statistics and linear algebra is all you need to get started with this book *Java Testing for New Developers: A Practical Guide with Examples* William E. Clark, 2025-03-24 Java Testing for New Developers A Practical Guide with Examples provides comprehensive instruction on the essential techniques and methodologies required to build robust test cases in Java The book delivers a structured approach covering fundamental concepts test case creation and the intricacies of various testing frameworks such as JUnit and TestNG With clear explanations and detailed code examples it equips new developers with the skills needed to ensure code reliability and maintainability The guide is meticulously organized to lead readers through the setup of a suitable testing environment the principles of unit testing and advanced methods like test driven development Each section builds logically upon previous topics offering a precise understanding of how to integrate automated testing into the development process configure continuous integration pipelines and address common testing challenges The content emphasizes practical implementation and real world applications making it a valuable resource for those starting their journey in Java development Attention is given to modern practices including integration testing the use of mocking and stubbing and effective debugging strategies This book serves as both a comprehensive introduction for beginners and as a concise reference for experienced practitioners looking to refine their testing acumen Its focused narrative and technical clarity ensure that readers are well prepared to implement effective reliable testing strategies in professional Java projects **Selenium WebDriver Quick Start Guide** Pinakin Chahal, 2018-10-30 Get writing tests and learn to design your own testing framework with Selenium WebDriver API Key Features Learn Selenium from the ground up Design your own testing framework Create reusable functionality in your framework Book Description Selenium WebDriver is a platform independent API for automating the testing of both browser and mobile applications It is also a core technology in many other browser automation tools APIs and frameworks This book will guide you through the WebDriver APIs that are used in automation tests Chapter by chapter we will construct the building blocks of a page object model framework as you learn about the required Java and Selenium methods and terminology The book starts with an introduction to the same origin policy cross site scripting dangers and the Document Object Model DOM Moving ahead we ll learn about XPath which allows us to select items on a page and how to design a

customized XPath After that we will be creating singleton patterns and drivers Then you will learn about synchronization and handling pop up windows You will see how to create a factory for browsers and understand command design patterns applicable to this area At the end of the book we tie all this together by creating a framework and implementing multi browser testing with Selenium Grid What you will learn Understand what an XPath is and how to design a customized XPath Learn how to create a Maven project and build Create a Singleton driver Get to grips with Jenkins integration Create a factory for browsers Implement multi browser testing with Selenium Grid Create a sample pop up window and JavaScript alert Report using Extent Reports Who this book is for This book is for software testers or developers [Eclipse SCADA](#) Jens Reimann, This is a book about Eclipse SCADA an open source SCADA system The book is far from complete and we will update it regularly with new content [Harnessing Hibernate](#) James Elliott, Timothy O'Brien, Ryan Fowler, 2008-04-22 A step by step guide to Java persistence Cover **DevOps Tools for Java Developers** Stephen Chin, Melissa McKay, Ixchel Ruiz, Baruch Sadogursky, 2022-04-15 With the rise of DevOps low cost cloud computing and container technologies the way Java developers approach development today has changed dramatically This practical guide helps you take advantage of microservices serverless and cloud native technologies using the latest DevOps techniques to simplify your build process and create hyperproductive teams Stephen Chin Melissa McKay Ixchel Ruiz and Baruch Sadogursky from JFrog help you evaluate an array of options The list includes source control with Git build declaration with Maven and Gradle CI CD with CircleCI package management with Artifactory containerization with Docker and Kubernetes and much more Whether you re building applications with Jakarta EE Spring Boot Dropwizard MicroProfile Micronaut or Quarkus this comprehensive guide has you covered Explore software lifecycle best practices Use DevSecOps methodologies to facilitate software development and delivery Understand the business value of DevSecOps best practices Manage and secure software dependencies Develop and deploy applications using containers and cloud native technologies Manage and administrate source control repositories and development processes Use automation to set up and administer build pipelines Identify common deployment patterns and antipatterns Maintain and monitor software after deployment *Selenium with Java - A Beginner's Guide* Pallavi Sharma, 2022-02-15 A refresher for Java developers on how to use Selenium IDE and Selenium Grid to automate web browsers KEY FEATURES Extensive practical demonstration of Selenium with numerous real world examples Includes thorough examination of various test automation ideas Covers tools in conjunction with Selenium for implementing browser and web test automation projects DESCRIPTION This book introduces setting up the environment for writing test scripts after covering Selenium and its capabilities Numerous functionalities including the web driver interface the web element interface and locators are illustrated in depth using the By class Additionally the book presents tasks such as HTML element manipulation mouse and keyboard operations dropdown table window alert frame action class and synchronization Along with Selenium IDE and Selenium Webdriver the book also covers another critical feature which is the implementation of

Selenium Grid that allows the test suite to execute in parallel across several settings Several add on automation scripts such as those for taking screenshots object and data information are thoroughly displayed and explained in this book The book discusses tools like TestNG and Maven that aid in the overall development of the test project ecosystem After reading the book you should feel extremely competent in utilizing Selenium to automate a variety of web and browser testing scenarios and tasks WHAT YOU WILL LEARN Get trained to automate the end to end testing of online applications with Selenium Webdriver Confidently configure the Selenium Grid for cross browser testing Create locators quickly for various HTML elements on the page Opportunities to improve test writing skills with the popular unit test framework TestNG An in depth explanation of the management of objects and data in the test project WHO THIS BOOK IS FOR This book is intended for software test engineers who wish to develop a strong foundation in Selenium implementation to create test automation solutions Basic knowledge of testing and Java as a programming language is required AUTHOR BIO Pallavi is a multi skilled professional and has donned many hats in her career span She founded 5 Elements Learning where she acted as a coach writer and speaker on test automation solutions and collaborated with learning enthusiasts organizations and mentors from across the globe She is a Steering Committee member at Agile Testing Alliance ATA She has contributed to Selenium Documentation at the Selenium Project She is the author of the book Selenium with Python Beginners with BPB Publications She has curated organized and acted as a jury for various international conferences and meetups like Selenium Conference India StepIn Delhi Selenium Conference by ATA APISummit by ATA and Global Testing Retreat by ATA She is a firm believer in the larger good and likes to live by example She volunteers her resources for Jabarkhet forest reserve People for animals and Wildlife SOS She lives in the National Capital Region with her doctor parents her husband two children sometimes she wonders though and a labrador She likes to pen her thoughts as short stories poems and anecdotes She is a firm believer in giving and living by example which she continues to learn as life continues

A Beginner's Guide to Scala, Object Orientation and Functional Programming John Hunt,2018-03-02 Scala is now an established programming language developed by Martin Oderskey and his team at the EPFL The name Scala is derived from Scala language Scala is a multi paradigm language incorporating object oriented approaches with functional programming Although some familiarity with standard computing concepts is assumed such as the idea of compiling a program and executing this compiled from etc and with basic procedural language concepts such as variables and allocation of values to these variables the early chapters of the book do not assume any familiarity with object orientation nor with functional programming These chapters also step through other concepts with which the reader may not be familiar such as list processing From this background the book provides a practical introduction to both object and functional approaches using Scala These concepts are introduced through practical experience taking the reader beyond the level of the language syntax to the philosophy and practice of object oriented development and functional programming Students and those actively involved in the software industry will

find this comprehensive introduction to Scala invaluable [The Scalyr Guide to Getting Started Logging as Quickly as Possible](#) Scalyr,2018-09-12 Logging used to be purely a troubleshooting tool Now it s a source of fascinating data that your group can turn into a competitive advantage It s basically application archaeology This book has enough information to get you started logging in a wide variety of tech stacks You ll learn the absolute basics in all of those tech stacks as well as a bit of deeper theory And this knowledge will start you down the path learning about application archaeology *The Definitive Guide to Spring Web Flow* Erwin Vervaet,2009-02-15 Spring Web Flow is an exciting open source framework for developing Java web applications The framework improves productivity by addressing three major pain points facing web application developers user interface navigation control state management and modularity The Definitive Guide to Spring Web Flow covers Spring Web Flow in detail by explaining its motivation and feature set as well as providing practical guidance for using the framework to develop web applications successfully in a number of environments **Selenium Framework Design in Keyword-Driven Testing** Chaubal Pinakin Ashok,2020-04-28 An easy to understand guide that will get you acquainted with the core concepts of Selenium WebDriverKEY FEATURES a Learn how to build a Keyword Driven Automation Framework with Selenium using Javaa Understand and work with the core concepts of Selenium WebDriver 3 0a Find how to use Build triggers in Jenkins to automate tests DESCRIPTION The book starts by introducing the Selenium WebDriver 3 and Selenium Server by covering each aspect of it in detail You will learn different concepts like instances and how instances relate to browser sessions You will further explore the new features in Java 8 with the help of easy to follow examples Moving on you will create a Singleton class for fetching WebDriver instances and then explore the different kinds of waits in Selenium You will then delve into the advanced WebDriver interactions using the Actions class and the JavascriptExecutor You will then understand the various database operations which will help you with using the MySQL database to store our framework Next you will go through the TestNG framework followed by parallel execution Further you will use Maven as a build tool and Jenkins as a build automation tool You will go through the working of Selenium Grid along with Mobile automation Lastly you will be taken through Selenium 4 and it s AI integrated features WHAT WILL YOU LEARN a Learn the process of building a Selenium Framework a Understand the Keyword Driven Framework concept a Work with Document Object Model to access page elementsa Integrate Maven and Jenkins with Selenium WebDrivera Use Selenium Grid to run multiple tests across WHO THIS BOOK IS FOR This book has been designed for Automation developers who would like to build a Keyword Driven framework that fetches keywords from Database It is also intended for audiences who are interested in understanding Selenium and designing a frameworkTable of Contents1 First look at Selenium WebDriver and Web Elements 2 Looking at the various WebDrivers3 A brief look at Java 8 4 Deep dive into Selenium WebDriver5 Actions class and the JavascriptExecutor6 WebDriver Events7 Database Operations8 Introduction to TestNG framework9 Parallel Execution10 Understanding Maven11 Jenkins Introduction and Scheduling12 Selenium grid and executing in the cloud13

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Pinakin Chaubal a BE Computer Science with 19 years of experience in the IT area He has done PMP ISTQB HP0 M47 QTP 11 0 Functional testing expert and INS 21 General Insurance He is working as an Automation Architect at Intellect Design Arena Ltd Previously Polaris Consulting Previously he has worked with companies like Patni Accenture ACS International USA L T Infotech USA India Polaris Financial Technology and SQS He carries six years of onsite experience in the US and eight months in Hong Kong China working closely with the client and getting involved in senior management and stakeholder meetings The clients that he has worked for are YES Bank HSBC Travelers Insurance Harleysville Insurance Albertsons retail chain Bellsouth Telecommunications GE Fleet Services and GE Supply He is the creator of Youtube channel Automation Geek which teaches PMP ISTQB Test Automation using Selenium and Cucumber and Performance testing using JMeter 3 0 He is the author of Page Object Model using Selenium WebDriver and Java and Selenium WebDriver Quick Start Guide He is also the reviewer of the newly released book on Selenium Frameworks Selenium Framework Design in Data Driven Testing by Carl Cocchiaro

Java 17 Backend Development Elara Drevyn, 2024-12-10 This book offers beginners and backend developers with practical guidance on developing robust server side applications with Java 17 Each chapter is structured around hands on examples real world challenges and step by step solutions tailored to Java professionals aiming to elevate their expertise in backend systems It seamlessly transitions through essential development phases covering foundational elements like from object oriented design and basic REST endpoints to advanced microservices architecture and container orchestration It covers from wiring up databases with Hibernate to managing asynchronous communication with Apache Kafka and securing endpoints with Spring Security You will explore caching strategies with Redis and diving into techniques to boost performance and reduce database load It also covers Spring Cloud concepts like Eureka for service discovery and Config Server for centralized management showing how microservices function cohesively The book also covers testing and debugging topics highlighting modern tools and practices such as JUnit Mockito integration tests and distributed tracing The book clearly encourages consistent coding standards efficient concurrency patterns and a layered approach for verifying logic As the book moves forward it clearly illustrates how to maintain code quality and automate deployment workflows using continuous integration and delivery pipelines Towards the book s end you will know how to run Java 17 backend applications in simple production environments and you will be applying best practices for logging monitoring security and scalability You will witness how all of these pieces fit together in a coherent ecosystem whether they are deploying on Tomcat or containerizing with Docker Key Learnings Set up RESTful APIs and data mappings Use Spring Security for robust user authentication and role based access control Employ Redis caching techniques to offload databases and enhance performance Integrate Kafka to establish asynchronous high throughput communication among microservices Adopt Spring Cloud tools for configuration discovery and gateway based microservice architectures Employ Docker containerization for

portable deployments across environments Construct CI CD pipelines to automate testing building and delivery of microservices Conduct thorough integration testing with real databases brokers and external dependencies Use debugging tools logs and distributed tracing to isolate production issues Optimize concurrency resource usage and monitoring to handle large scale backend demands Table of Content Introduction to Java 17 and Backend Development Setting up Development Environment Introduction to Spring and Spring Boot Building RESTful APIs with Spring Boot Data Persistence with Hibernate ORM and JPA Managing Database Interactions User Authentication and Authorization with Spring Security Caching with Redis Messaging with Apache Kafka Microservices Architecture with Spring Cloud Testing and Debugging Backend Applications Deploying Java Backend Applications [Pentaho 8 Reporting for Java Developers](#) Francesco Corti,2017-09-15 Create reports and solve common report problems with minimal fuss About This Book Use this unique book to master the basics and advanced features of Pentaho 8 Reporting A book showing developers and analysts with IT skills how to create and use the best possible reports using the Pentaho platform Written with a very practical approach full of tutorials and practical examples source code included Who This Book Is For This book is written for two types of professionals and students Information Technologists with a basic knowledge of Databases and Java Developers with medium seniority Developers will be interested to discover how to embed reports in a third party Java application What You Will Learn The basics of Pentaho Reporting Designer and SDK and its initial setup Develop the most attractive reports on top of a wide range of data sources Perform detailed customization of layout parameterization internationalization behaviors and more for your custom reports developed with Pentaho Reporting Integrate Pentaho reports into third party Java application with full control over interactions layout and behavior in general Use Pentaho reports in the other components of the Pentaho Suite BA Platform and PDI In Detail This hands on tutorial filled with exercises and examples introduces the reader to a variety of concepts within Pentaho Reporting With screenshots that show you how reports look at design time as well as how they should look when rendered as PDF Excel HTML Text Rich Text File XML and CSV this book also contains complete example source code that you can copy and paste into your environment to get up and running quickly Updated to cover the features of Pentaho 8 this book will teach you everything you need to know to build fast efficient reports using Pentaho If your interest lies in the technical details of creating reports and you want to see how to solve common reporting problems with a minimum of fuss this is the book for you Style and approach A step by step guide covering technical topics relating to environments best practices and source code to enable the reader to assemble the best reports and use them in existing Java applications **Selenium Python Framework Design in Keyword-Driven Testing** Chaubal Pinakin Ashok,2020-04-10 An easy to understand guide that will get you acquainted with the core concepts of Selenium WebDriver Key Featuresa Understand and work with the core concepts of Selenium WebDriver 3 0a Learn how to design a Keyword driven framework with Database a Find how to use Build triggers in Jenkins to automate tests DescriptionThe book starts by introducing the

Selenium WebDriver 3 and Selenium Server by covering each aspect of it in detail You will learn different concepts like instances and how instances relate to browser sessions You will further explore the new features in Java 8 with the help of easy to follow examples Moving on you will create a Singleton class for fetching WebDriver instances and then explore the different kinds of waits in Selenium You will then delve into the advanced WebDriver interactions using the Actions class and the JavascriptExecutor You will then understand the various database operations which will help you with using the MySQL database to store our framework Next you will go through the TestNG framework followed by parallel execution Further you will use Maven as a build tool and Jenkins as a build automation tool You will go through the working of Selenium Grid along with Mobile automation Lastly you will be taken through Selenium 4 and its AI integrated features What will you learn

Learn the process of building a Selenium Framework a Understand the Keyword Driven Framework concept a Work with Document Object Model to access page elements a Integrate Maven and Jenkins with Selenium WebDriver a Use Selenium Grid to run multiple tests across Who this book is for This book has been designed for Automation developers who would like to build a Keyword Driven framework that fetches keywords from Database It is also intended for audiences who are interested in understanding Selenium and designing a framework

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About the Author Pinakin Chaubal a BE Computer Science with 19 years of experience in the IT area He has done PMP ISTQB HP0 M47 QTP 11 0 Functional testing expert and INS 21 General Insurance He is working as an Automation Architect at Intellect Design Arena Ltd Previously Polaris Consulting Previously he has worked with companies like Patni Accenture ACS International USA L T Infotech USA India Polaris Financial Technology and SQS He carries six years of onsite experience in the US and eight months in Hong Kong China working closely with the client and getting involved in senior management and stakeholder meetings The clients that he has worked for are YES Bank HSBC Travelers Insurance Harleysville Insurance Albertsons retail chain Bellsouth Telecommunications GE Fleet Services and GE Supply He is the creator of Youtube channel Automation Geek which teaches PMP ISTQB Test Automation using Selenium and Cucumber and Performance testing using JMeter 3 0 He is the author of Page Object Model using Selenium WebDriver and Java and Selenium WebDriver Quick Start Guide He is also the reviewer of the newly released book on Selenium Frameworks Selenium Framework Design in Data Driven Testing by Carl Cocchiaro

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