Difference Between Selenium Ide Rc Webdriver

Selenium is a the most popular open-source test automation tool. Its widely used in Industry to automate web and mobile projects. Selenium can be used to test across different browsers and platforms. Its flexible enough to allow you to code your automation scripts in languages like Java, C#, Python etc. Selenium primarily has 3 components Selenium Integrated Development Environment (IDE) Selenium WebDriver Selenium Grid This book covers tutorials and training to teach you Selenium 2 as well Selenium 3. The book uses Java as the scripting language. Table Of Contents Chapter 1: Introduction to Selenium Chapter 2: Install Selenium IDE and FireBug Chapter 3: Introduction to Selenium IDE Chapter 4: Creating your First Selenium IDE script Chapter 5: How to use Locators in Selenium IDE Chapter 6: How to enhance a script using Selenium IDE Chapter 7: Introduction to WebDriver & Comparison with Selenium RC Chapter 8: Guide to install Selenium WebDriver Chapter 9: Creating your First Script in Webdriver Chapter 10: Accessing Forms in Webdriver Chapter 11: Accessing Links & Tables using Selenium Webdriver Chapter 12: Keyboard Mouse Events , Uploading Files - Webdriver Chapter 13: How TestNG makes Selenium tests easier Chapter 14: Introduction to Selenium Grid Chapter 15: Parameterization using XML and DataProviders: Selenium Chapter 16: Cross Browser Testing using Selenium Chapter 17: All About Excel in Selenium: POI & JXL Chapter 18: Creating Keyword & Hybrid Frameworks with Selenium Chapter 19: Page Object Model (POM) & Page Factory in Selenium: Ultimate Guide Chapter 20: PDF, Emails and Screenshot of Test Reports in Selenium

This book takes readers on a tour of the components of the Zend Framework as they build a high quality, real-world Web application.

Step-by-step guide to understand key concepts for Selenium Automation using examples to shine in your interview for test automation roles Key Featuresa- Acquire Selenium skills to do independent test automation projectsa- Learn the basics of Selenium Web Driver for test automation using Seleniuma- Understand Page Object Model, including how and when they're used in test automationa- Understand the approach for building a test automation frameworka- Build Selenium test automation scripts using various languages - Java, Python, JavaScript/Node JS and Rubya- Learn how to report and integrate with CI tools for test automation a- Get some professional tips for handing interviews and test automation approacha- Implement cross-browser testing scenarios using Selenium Grid and commercial tools and servicesDescriptionSoftware Engineering has taken massive strides with a multitude of technology innovations. With several changes being introduced - development of products and their integration into the market - understanding of mobile devices and user interface channels across a plethora of platforms is getting complex day by day. In addition, since the process or procedures of software testing for products and applications can become an act of boiling the ocean, the role of test automation is crucial while dealing with such challenges.The book starts with a brief introduction to the world of automation and why it is important, succinctly covering the history of Selenium and the capabilities it offers. In this book, you will learn how to do simple Selenium-based automation with examples and understand the progressive complexity of some key features. Before diving deep into advanced concepts such as Page Object Models, Test Automation Framework and Cross Browser testing, you will grasp comprehensive knowledge of several concepts related to Java, Python, JavaScript and Ruby programming languages.What will you learnBy the end of the book, you will find several examples to help ignite your understanding and usage of Selenium across a myriad of languages and frameworks. With this, you'll be able to put your knowledge to practice and solve real-life test automation challenges such as testing a web site, mobile application and leveraging tools available for fast-tracking your test automation approach. Who this book is forThe book is intended for anyone looking to make a career in test automation using Selenium, all aspiring manual testers who want to learn the most powerful test automation framework - Selenium and associated programming languages - or working professionals who want to switch their career to testing. Table of Contents1. Introduction to Test Automation2. Introduction to Selenium 3. Understanding Selenium Architecture4. Understanding Selenium Tools5. Understanding Web UI 6. Web UI Automation with Selenium Using Java & Python7. Selenium Coding with Other Languages - Ruby & JavaScript6. Building a Test Automation Framework with Selenium8. Advanced Features of Selenium Using Java & Python9. Cross-Browser Test Automation10. Tips and Tricks for Test Automation11. Interview Tips About the Author Kalilur Rahman has a Master's Degree in Business Administration preceded by an Engineering Degree in Computer Science and over 2 decades of experience in software development, testing and management consultancy. Kalilur has been a developer, designer, technical architect, test program manager, delivery unit head, IT Services and Factory Services Head of varying complexity across telecommunications, life sciences, retail and healthcare industries. His LinkedIn Profile: https://www.linkedin.com/in/kalilurrahman/

This book is a collection of high-quality peer-reviewed research papers presented in the Third International Conference on Computing Informatics and Networks (ICCIN 2020) organized by the Department of Computer Science and Engineering (CSE), Bhagwan Parshuram Institute of Technology (BPIT), Delhi, India, during 29-30 July 2020. The book discusses a wide variety of industrial, engineering and scientific applications of the emerging techniques. Researchers from academic and industry present their original work and exchange ideas, information, techniques and applications in the field of artificial intelligence, expert systems, software engineering, networking, machine learning, natural language processing and high-performance computing.

One-stop Guide to software testing types, software errors, and planning process DESCRIPTION Software testing is conducted to assist testers with information to improvise the quality of the product under testing. The book primarily aims to present testing concepts, principles, practices, methods cum approaches used in practice. The book will help the readers to learn and detect faults in software before delivering it to the end user. The book is a judicious mix of software testing concepts, principles, methodologies, and tools to undertake a professional course in software testing. The book will be a useful resource for students, academicians, industry experts, and software architects to learn artefacts of testing. Book discuss the foundation and primary aspects connected to the world of software testing, then it discusses the levels, types and terminologies associated with software testing. In the further chapters it will gives a comprehensive overview of software errors faced in software testing as well as various techniques for error detection, then the test case development and security testing. In the last section of the book discusses the defect tracking, test reports, software automation testing using the Selenium tool and then ISO/IEEE-based software testing standards. KEY FEATURES Presents a comprehensive investigation about the software testing approach in terms of techniques, tools and standards Highlights test case development and defect tracking In-depth coverage of test reports development Covers the Selenium testing tool in detail Comprehensively covers IEEE/ISO/IEC software testing standards WHAT WILL YOU LEARN With this book, the readers will be able to learn: Taxonomy, principles and concepts connected to software testing. Software errors, defect tracking, and the entire testing process to create quality products. Generate test cases and reports for detecting errors, bugs, and faults. Automation testing using the Selenium testing tool. Software testing standards as per IEEE/ISO/IEC to conduct standard and quality testing. WHO THIS BOOK IS FOR The readers should have a basic understanding of software engineering concepts, object-oriented programming and basic programming fundamentals. Table of Contents 1. Introduction to Software Testing 2. Software Testing Levels, Types, Terms, and Definitions 3. Software Errors 4. Test Planning Process (According to IEEE standard 829) 5. Test Case Development 6. Defect Tracking 7. Types of Test Reports 8. Software Test Automation 9. Understanding the Software Testing Standards

Selenium is one of the most popular open-source automated testing tools available today. Understanding Selenium-RC and writing automated tests in a programming language are sought after skills on the job market and a great way of maximising the benefit from automated testing. Contrary to the beliefs of many testers, learning to code does not have to be complicated or hard."Selenium Simplified" takes you

through the process of installing and learning to use all the basic tools needed to write automated tests using Java as the programming language. Written in a tutorial style, this book helps you learn to code even if you haven't programmed before. No time is wasted on the theory of automation or padding about the tools. This book focuses on the practical knowledge needed to automate tests for production systems.After reading this book you will be able to: -Write tests in Java - even if you haven't coded before reading this book-Install and maintain all the free development and testing tools covered within: Eclipse, JUnit, Selenium, Hudson, Subversion, Xpather, Selenium-IDE-Write automated tests scripts using Java and Selenium-RC-Create abstraction layers to make your automated tests maintainable and readable-Run your automated tests under continuous integration-Use multiple browsers to execute your tests-Understand the most utilised commands in the Selenium API-Test Ajax based web applications-Use Xpath and CSS Selectors in your tests-Understand how to optimise and refactor your tests-Use JUnit for data driven testing

Filled with practical examples, taking a Step-by-Step approach Selenium By Example - Volume II: Selenium RC will not only give the reader an overview and introduction to Selenium RC, it will also give the reader an overview of best practices in Automated Testing, Automation Frameworks, and advice on introducing Automated Testing. Selenium By Example - Volume II: Selenium RC takes a step-by-step approach to teaching the reader how to effectively use Selenium RC.

This book is a practical guide featuring a step-by-step approach that aims to help PHP developers who want to learn or improve their software testing skills. It also takes you through many real-life examples encountered by PHP developers to help you avoid common pitfalls. This book is a practical guide featuring a step-by-step approach that aims to help PHP developers who want to learn or improve their software testing skills. It also takes you through many real-life examples encountered by PHP developers to help you avoid common pitfalls.

Selenium is a the most popular open-source test automation tool. Its widely used in Industry to automate web and mobile projects. Selenium can be used to test across different browsers and platforms. Its flexible enough to allow you to code your automation scripts in languages like Java, C#, Python etc. Selenium primarily has 3 components · Selenium Integrated Development Environment (IDE) · Selenium WebDriver · Selenium Grid This book covers tutorials and training to teach you Selenium 2 as well Selenium 3. The book uses Java as the scripting language. This book covers tutorials and training to teach you Selenium 2 as well Selenium 3. The book uses Java as the scripting language. Table Of Content Chapter 1: Introduction to Selenium Chapter 2: Introduction to WebDriver & Comparison with Selenium RC Chapter 3: Guide to install Selenium WebDriver Chapter 4: Creating your First Script in Webdriver Chapter 5: Find Element Chapter 6: Accessing Forms in Webdriver Chapter 7: Accessing Links & Tables using Selenium Webdriver Chapter 8: Keyboard Mouse Events , Uploading Files - Webdriver Chapter 9: Upload & Download a File Chapter 10: XPath Chapter 11: TestNG with Selenium Chapter 12: Handling Date Time Picker Chapter 13: Handling Alert & Popup Chapter 14: Handling Dynamic Web Tables Chapter 15: Using Contains, Sibling, Ancestor to Find Element Chapter 16: Implicit & Explicit Waits Chapter 17: Parameterization using XML and DataProviders Chapter 18: Excel in Selenium Chapter 19: Page Object Model (POM) & Page Factory Chapter 20: Selenium Grid Chapter 21: Keyword & Hybrid Frameworks with Selenium Chapter 22: Database Testing using Selenium Chapter 23: Handling Iframes in Selenium Chapter 24: Cross Browser Testing Chapter 25: PDF , Emails and Screenshot of Test Reports Chapter 26: How to Take Screenshot in Selenium Chapter 27: HTMLUnit Driver & PhantomJS Chapter 28: Robot API Chapter 29: AutoIT Chapter 30: Ajax Chapter 31: Drag and Drop action Chapter 32: Handling Cookie

70 simple but incredibly effective recipes for creating your own feature rich, modern Plone add-on products by diving into its development framework.

Step by step directions to get started with Selenium using Python as a programming language DESCRIPTION Selenium is the most popular open source test automation tool available in the market. In the last decade, its usage has dramatically increased in the IT sector across all types of organizations. The reason for its popularity is mainly because it supports multiple programming languages, test executions on multiple browsers and operating systems. In this book, we will learn about the different components of Selenium. We will discuss the concepts of WebDriver and learn how to apply test automation concepts with it to automate the testing of our application. We will learn the process of recognizing the test objects on the screen and writing Selenium commands using Python as a programming language We will also discuss how to use design patterns like the page object mode and data-driven testing to ensure building a robust test framework, which is modular and scalable in nature. KEY FEATURES Get introduced to the world of Selenium Understand the concept of locators in Selenium Learn how to write scripts using Selenium WebDriver in Python Learn the concepts of synchronization Learn how to handle different HTML elements like form, table, alert, frame, and dropdown Learn about design patterns like the page object model, data-driven tests, and adding assertions WHAT WILL YOU LEARN The objective is to introduce the world of Selenium to a manual tester who knows Python as a programming language. You will learn to demystify the concept of identifying test objects and writing Selenium commands to create robust test scripts. This book will help learn to automate different HTML elements, which we come across in the web applications we need to test. You will understand how to build a good test suite by learning the concept of design patterns like the page object model and data-driven tests to ensure maintainability of code. WHO THIS BOOK IS FOR This book is for people who have experience in manual testing and knowledge in Python as a programming language. This book will also be helpful for a developer who knows Python as a programming language and is looking for test automation as a career option. Table of Contents 1. Selenium - Important Conceptual Background 2. Selenium IDE 3. Locators in Selenium 4. Installation and Setup 5. Selenium WebDriver 6. Unit Test Creation n Python 7. Synchronizing Tests 8. Parameterization of Tests 9. Handling Different Web Elements 10. Working with Frames 11. Concept of the Page Object Model 12. Implementing Selenium Grid

The first detailed, unbiased comparison of the three leading PHP frameworks Web developers have been eager for an impartial comparison of leading PHP frameworks so they can make educated decisions about the most effective tool for their needs. This guide uses Symfony, CakePHP, and Zend Framework to solve key problems, providing source code examples and comparisons for each. It explains the approach and reviews the similarities and differences in the three frameworks, providing reliable information on which to base your decisions. Symfony, CakePHP, and Zend Framework are considered the leading PHP frameworks; developers need an unbiased comparison to choose which one works best for their individual situations This guide uses each framework to solve the same problems, illustrating the solutions with source code examples and working applications Covers wide range of topics, from installation and configuration to most advanced features like AJAX, web services and automated testing. Includes an appendix of new PHP frameworks, including CodeIgniter, Lithium, and Agavi Bestselling PHP author Elizabeth Naramore serves as technical editor Comparison of PHP Web Frameworks provides the impartial, side-by-side comparison that developers have been looking for.

Pro Spring MVC provides in-depth coverage of Spring MVC and Spring Web Flow, two highly customizable and powerful web frameworks brought to you by the developers and community of the Spring Framework. Spring MVC is a modern web application framework built upon the Spring Framework, and Spring Web Flow is a project that complements Spring MVC for building reusable web controller modules that encapsulate rich page navigation rules. Along with detailed analysis of the code and functionality, plus the first published coverage of Spring Web Flow 2.x, this book includes numerous tips and tricks to help you get the most out of Spring MVC, Spring Web Flow, and web development in general. Spring MVC and Spring Web Flow have been upgraded in the new Spring Framework 3.1 and are engineered with important considerations for design patterns and expert object-oriented programming techniques. This book explains not only the design decisions of the frameworks, but also how you can apply similar designs and techniques to your own code. This book takes great care in covering every inch of Spring MVC and Spring Web Flow to give you the complete picture. Along with all the best known features of these frameworks, you'll discover some new hidden treasures. You'll also learn how to correctly and safely extend the frameworks to create customized solutions. This book is for anyone who wishes to write robust, modern, and useful web applications with the Spring Framework.

To learn about software-testing job opportunities and practice with sample scripts on how to automate software applications using Selenium Webdriver, TestNG, JUnit, Cucumber BDD within Eclipse-based Java Projects and build an extensive Data Driven Automation Framework that consists of Screenshot capability, Log4J Integration, XSLT Reporting, Parameterisation, Object Repositories, Excel Sheets–based Data Input/Outputs, Cross Browser Tests using Firefox, Chrome and Internet Explorer, this book is an unmatchable one. You can also enhance tests with Page Object Model, Reuse Selenium IDE scripts to Load Testing using JMeter!

Many businesses and organizations depend on older high-value PHP software that risks abandonment because it is impossible to maintain. The reasons for this may be that the software is not well designed; there is only one developer (the one who created the system) who can develop it because he didn't use common design patterns and documentation; or the code is procedural, not object-oriented. With this book, you'll learn to identify problem code and refactor it to create more effective applications using test-driven design.

This book takes you beyond the PHP basics to the enterprise development practices used by professional programmers. Updated for PHP 5.3 with new sections on closures, namespaces, and continuous integration, this edition will teach you about object features such as abstract classes, reflection, interfaces, and error handling. You'll also discover object tools to help you learn more about your classes, objects, and methods. Then you'll move into design patterns and the principles that make patterns powerful. You'll learn both classic design patterns and enterprise and database patterns with easy-to-follow examples. Finally, you'll discover how to put it all into practice to help turn great code into successful projects. You'll learn how to manage multiple developers with Subversion, and how to build and install using Phing and PEAR. You'll also learn strategies for automated testing and building, including continuous integration. Taken together, these three elements—object fundamentals, design principles, and best practices—will help you develop elegant and rock-solid systems.

Real-world examples of cross-browser, mobile, and data-driven testing with all the latest features of Selenium WebDriver 3 Key Features Unlock the full potential of Selenium to test your web applications Use Selenium Grid for faster, parallel running, and cross-browser testing Test iOS and Android Apps with Appium Book Description Selenium WebDriver is an open source automation tool implemented through a browser-specific driver, which sends commands to a browser and retrieves results. The latest version of Selenium 3 brings with it a lot of new features that change the way you use and setup Selenium WebDriver. This book covers all those features along with the source code, including a demo website that allows you to work with an HMTL5 application and other examples throughout the book. Selenium WebDriver 3 Practical Guide will walk you through the various APIs of Selenium WebDriver, which are used in automation tests, followed by a discussion of the various WebDriver implementations available. You will learn to strategize and handle rich web UI using advanced WebDriver API along with real-time challenges faced in WebDriver and solutions to handle them. You will discover different types and domains of testing such as cross-browser testing, load testing, and mobile testing with Selenium. Finally, you will also be introduced to data-driven testing using TestNG to create your own automation framework. By the end of this book, you will be able to select any web application and automate it the way you want. What you will learn Understand what Selenium 3 is and how is has been improved than its predecessor Use different mobile and desktop browser platforms with Selenium 3 Perform advanced actions, such as drag-and-drop and action builders on web page Learn to use Java 8 API and Selenium 3 together Explore remote WebDriver and discover how to use it Perform cross browser and distributed testing with Selenium Grid Use Actions API for performing various keyboard and mouse actions Who this book is for Selenium WebDriver 3 Practical Guide is for software quality assurance/testing professionals, software project managers, or software developers interested in using Selenium for testing their applications. Prior programming experience in Java is necessary.

Knowledge for Free... Get that job, you aspire for! Want to switch to that high paying job? Or are you already been preparing hard to give interview the next weekend? Do you know how many people get rejected in interviews by preparing only concepts but not focusing on actually which questions will be asked in the interview? Don't be that person this time. This is the most comprehensive Selenium Testing interview questions book that you can ever find out. It contains: 500 most frequently asked and important Selenium Testing interview questions and answers Wide range of questions which cover not only basics in Selenium Testing but also most advanced and complex questions which will help freshers, experienced professionals, senior developers, testers to crack their interviews.

This book constitutes the refereed post-conference proceedings of the 8th International Conference on Big Data Technologies and Applications, BDTA 2017, held in Gwangju, South Korea, in November 2017. The 15 revised full papers were carefully reviewed and selected from 25 submissions and handle theoretical foundations and practical applications which premise the new generation of data analytics and engineering. The contributions deal with following topics: privacy and security, image processing, context

awareness, s/w engineering and e-commerce, social media and health care.

Although web standards-based websites can scale effectively—and basic CSS will give you basic results—there are considerations and obstacles that high traffic websites must face to keep your development and hosting costs to a minimum. There are many tips and tricks, as well as down-to-earth best practice information, to make sure that everything runs quickly and efficiently with the minimum amount of fuss or developer intervention. Targeted at "high traffic" websites—those receiving over 10,000 unique visitors a day—Pro CSS for High Traffic Websites gives you inside information from the professionals on how to get the most out of your web development team. The book covers the development processes required to smoothly set up an easy-to-maintain CSS framework across a large-volume website and to keep the code reusable and modular. It also looks at the business challenges of keeping branding consistent across a major website and sustaining performance at a premium level through traffic spikes and across all browsers. Defensive coding is considered for sites with third-party code or advertising requirements. It also covers keeping CSS accessible for all viewers, and examines some advanced dynamic CSS techniques.

Beschrijving van vijfentwintig open source applicaties.

Learn to develop high-quality applications and frameworks in PHP Packed with in-depth information and step-by-step guidance, this book escorts you through the process of creating, maintaining and extending sustainable software of high quality with PHP. World-renowned PHP experts present real-world case studies for developing high-quality applications and frameworks in PHP that can easily be adapted to changing business requirements. . They offer different approaches to solving typical development and quality assurance problems that every developer needs to know and master. Details the process for creating high-quality PHP frameworks and applications that can easily be adapted to changing business requirements Covers the planning, execution, and automation of tests for the different layers and tiers of a Web application Demonstrates how to establish a successful development process Shares real-world case studies from well-known companies and their PHP experts With this book, you'll learn to develop high-quality PHP frameworks and applications that can easily be maintained with reasonable cost and effort.

· 225 Selenium Testing Tools Interview Questions · 78 HR Interview Questions · Real life scenario-based questions · Strategies to respond to interview questions · 2 Aptitude Tests Selenium Testing Tools Interview Questions You'll Most Likely Be Asked: Second Edition is a perfect companion to stand ahead above the rest in today's competitive job market. Rather than going through comprehensive, textbook-sized reference guides, this book includes only the information required immediately for job search to build an IT career. This book puts the interviewee in the driver's seat and helps them steer their way to impress the interviewer. The following is included in this book: a) 225 Selenium Testing Tools Interview Questions, Answers and proven strategies for getting hired as an IT professional b) Dozens of examples to respond to interview questions c) 78 HR Questions with Answers and proven strategies to give specific, impressive, answers that help nail the interviews d) 2 Aptitude Tests download available on www.vibrantpublishers.com

If you have a question about Selenium this is the book with the answers. Selenium: Questions and Answers takes some of the best questions and answers asked on the stackoverflow.com website. You can use this book to look up commonly asked questions, browse questions on a particular topic, compare answers to common topics, check out the original source and much more. This book has been designed to be very easy to use, with many internal references set up that makes browsing in many different ways possible. Topics covered include: Selenium Webdriver, WebDriver, Python, Java, Testing, JavaScript, Protractor, Firefox, Selenium RC, XPath, C#, Capybara, Selenium IDE, Ruby On Rails, Automated Tests, Unit Testing, Ruby, Cucumber and many more.

Selenium automates browsers. That's it! What you do with that power is entirely up to you. Primarily, it is for automating web applications for testing purposes, but is certainly not limited to just that. Boring web-based administration tasks can (and should!) also be automated as well. Selenium is one of the popular open-source web based automation tool. This book will provide an insight about Selenium Automation to beginners. It is recommended you refer this book series, one after the other. This is the first Book in the series. You will learn what selenium is, how to install java, selenium and Eclipse, how to configure selenium with Eclipse, how to write the script, how to identify the HTML elements in the webpage, how to interact with webpage.

If you are a software developer with a basic knowledge of testing and are interested in automated testing using Selenium, this is the book for you. No prior knowledge of Selenium is required. Selenium Testing Tools Interview Questions You'll Most Likely Be Asked is a perfect companion to stand ahead above the rest in today's competitive job market.

This book constitutes the thoroughly refereed proceedings of the 15th International Conference on Software Technologies, ICSOFT 2020, which was held virtually due to the Covid-19 pandemic. The 12 revised full papers were carefully reviewed and selected from 95 submissions. The papers deal with the following topics: business process modelling; IT service management; interoperability and service-oriented architecture; project management software; scheduling and estimating; software metrics; requirements elicitation and specification; software and systems integration among others.

Learn powerful JavaScript tools for exploiting HTML5 elements, and discover new methods for working with data, such as offline storage and multithreaded processing. Complete with code samples, this book is ideal for experienced JavaScript and mobile developers alike.

Learn to write automation test scripts using Selenium Web driver version 3.x and 2.x in java programming, java script, C#, python and run in Cucumber BDD feature files. Conduct experiment to write protractor-based Cucumber BDD framework in java script. Build TDD frameworks with the help of Testing, Visual Studio, Jenkins, Excel VBA, Selenium, HP UFT (formerly QTP), Ranorex, RFT and other wide-ranged QA testing tools. Design first Appium scripts after setting up the framework for mobile test automation. Build concurrent compatibility tests using

Selenium Grid! Repeated interview questions are explained with justifications for Cucumber BDD, Selenium IDE, Selenium web driver and Selenium Grid.

Amazon Cloud Computing With Java provides A comprehensive look at the emerging Amazon Web Services Platform and a peep into the emerging paradigm of cloud computing from the perspective of the leading Cloud vendors offerings. It will enable you to plan migration efforts from enterprise softwares to ones operating from the cloud. The book is technical in nature and walks the reader through development of tools and programs which work with AWS. The book is accompanied by the complete source code to the excercises covered in the book, which can be downloaded from the authors website. 'A no fluff just stuff' approach to utilizing AWS. Amazon Cloud Computing With Java covers - EC2 - CloudWatch - Elastic LoadBalancing - AutoScaling - S3 - Virtual Private Cloud - SimpleDB - RDS - CloudFront - SQS - Elastic MapReduce - Agile Continous Integration with AWS - Using Eclipse For AWS Development

Step-by-step guide to all the tools and extensions in the Visual Studio 2019 IDE DESCRIPTION This book peeks into every corner of the Visual Studio IDE and will help you get started with the latest 2019 version. Right from installation, you'll discover new features within the tool and the optimal way to use the features you may already know. You'll learn, for example, how to extend Visual Studio with your own customizations, so that you can make it perform the way you want. You will then explore everything about NuGet package, test applications using Live Unit Testing, and learn how to make code templates using the T4 code generation tool. You'll get to grips with the richer JavaScript IntelliSense, which will help you focus more on coding. Moving on, you'll learn to work with the dedicated workloads for data storage and data science. You will also review the more advanced architecture tools concealed within the IDE and finally create cloud-first applications powered by Microsoft Azure using the built-in suite of Azure tools. KEY FEATURES ? Create and use custom IDE extensions ? Find, download, and use the best IDE extensions for web, mobile, Azure, and Windows ? Enhance programming experience and time with debugging tools ? Enhance coding capabilities with coding tools ? Test projects proactively ? Create powerful web, mobile, and Azure solutions for the real world WHAT WILL YOU LEARN By the end of the book, you will be able to tackle any solution for any platform head-on. You will create real-world solutions from start to finish. By using the tools and extensions outlined in this book, you will be able to code better and faster, debug better, share your code with more peers, test your code better, and install or publish your apps quicker and without issues. WHO THIS BOOK IS FOR The book is intended for any .NET developer. You can be a seasoned developer or a newbie just starting out. This book will play a pivotal role in presenting all the tools you need to become a better developer. Table of Contents 1. Getting started with Visual Studio 2. Digging in the Visual Studio IDE 3. IntelliSense 4. Language & coding changes in C# 5. What's new in .Net core 6. Built-in tools 7. Debugging tools 8. Testing tools 9. ASP.NET tools 10. Mobile tools 11. Azure tools 12. IDE extensions 13. ASP.NET extensions 14. Mobile extensions 15. Azure DevOps extensions

Take your web development skills from browser to server with Node—and learn how to write fast, highly scalable network applications on this JavaScript-based platform. With this hands-on guide, you'll quickly master Node's core fundamentals, gain experience with several built-in and contributed modules, and learn the differences and parallels between client- and server-side programming. Get up to speed on Node's event-driven, asynchronous I/O model for developing data-intensive applications that are frequently accessed but computationally simple. If you're comfortable working with JavaScript, this book provides numerous programming and deployment examples to help you take advantage of server-side development with Node. Explore Node's unique approach to asynchronous development Build sample Node applications with the Express framework and Connect middleware Use NoSQL solutions such as Redis and MongoDB—and explore Node's relational database modules Work with PDF files, serve HTML5 media, and create graphics with Canvas Set up bidirectional communication between browser and server with WebSockets Learn in-depth practices for debugging and testing your applications Deploy Node applications in the cloud or on your own system "Learning Node will make it easy for someone from any programming background to get a grip on Node.js and build amazing projects." —Tom Hughes-Croucher, co-author of Node: Up and Running (O'Reilly)

Whether you are an experienced WebDriver developer or someone who was newly assigned a task to create automated tests, this book is for you. Since the ideas and concepts are described in simple terms, no previous experience in computer coding or programming is required.

Product Description Amazon Cloud Computing With C#/.Net provides A comprehensive look at the emerging Amazon Web Services Platform and a peep into the emerging paradigm of cloud computing from the perspective of the leading Cloud vendors offerings. It will enable you to plan migration efforts from enterprise softwares to ones operating from the cloud. The book is technical in nature and walks the reader through development of tools and programs which work with AWS. The book is accompanied by the complete source code to the excercises covered in the book, which can be downloaded from the authors website. 'A no fluff just stuff' approach to utilizing AWS. Amazon Cloud Computing With C#/.Net covers - EC2 - CloudWatch - Elastic LoadBalancing - AutoScaling - S3 - Virtual Private Cloud - SimpleDB - RDS - CloudFront - SQS - Elastic MapReduce - Agile Continous Integration with AWS

The open source, lightweight Google Web Toolkit (GWT) is a framework that allows Java developers to build rich Internet applications (RIAs), more recently called Ajax applications, in Java. Typically, writing these applications requires a lot of JavaScript development. However, Java and JavaScript are very distinctively different languages (although the name suggests otherwise), therefore requiring a different development process. In Beginning Google Web Toolkit: From Novice to Professional, you'll learn to build rich, user–friendly web applications using a popular Java–based Ajax web framework, the Google Web Toolkit. The authors will guide you through the complete development of a GWT front-end application with a no–nonsense, down–to–earth approach. You'll start with the first steps of working with GWT and learn to understand the concepts and consequences of building this kind of application. During the course of the book, all the key aspects of GWT are tackled pragmatically, as you're using them to build a real–world sample application. Unlike many other books, the inner workings of GWT and other unnecessary details are shelved, so you can focus on the stuff that really matters when developing GWT applications.

Describes thirty open source tools that are designed to improve Java development practices, including build tools, quality metrics tools, unit testing tools, issue management tools, and continuous integration tools.

Selenium By Example - Volume I: Selenium IDE takes a step-by-step approach to teaching the reader how to effectively use Selenium IDE. The topics include: Installing and using Selenium IDE. Step-by-step examples on how to make recordings using Selenium IDE. How to play-back your recordings, including the various play-back options. Advanced recording techniques. Exporting your recordings out of Selenium IDE. Discussions on Automated Testing approaches using Selenium IDE. All in an example based, step-by-step approach."