

complete guide to test automation pdf

complete guide to test automation pdf serves as an essential resource for professionals aiming to master the art and science of automating software testing processes. This comprehensive guide delves into the fundamentals, strategies, tools, and best practices necessary to implement successful test automation frameworks. By understanding the core concepts and leveraging the right technologies, organizations can significantly enhance their software quality, accelerate release cycles, and reduce manual testing efforts. This article explores the structure and content typically found in a complete guide to test automation pdf, ensuring readers gain a thorough understanding of how to navigate and utilize such documents effectively. From choosing the right tools to designing maintainable test scripts, this resource covers all critical aspects of test automation. Below is a detailed table of contents outlining the key sections covered in this guide.

- Understanding Test Automation
- Benefits of Test Automation
- Choosing the Right Test Automation Tools
- Designing an Effective Automation Framework
- Implementation Best Practices
- Common Challenges and Solutions
- Maintaining and Scaling Test Automation

Understanding Test Automation

Test automation refers to the use of specialized software tools to execute pre-scripted tests on a software application before it is released into production. A complete guide to test automation pdf typically begins by introducing the basic principles, objectives, and scope of test automation within the software development lifecycle (SDLC). It explains the difference between manual and automated testing and highlights scenarios where automation is most beneficial.

Definition and Scope

Test automation involves creating and running test scripts automatically to verify that software functionalities work as expected. The scope includes unit testing, integration testing, system testing, and acceptance testing. A thorough guide elaborates on each testing level and how automation applies to them.

Types of Automated Tests

Various types of automated tests are detailed in the guide, such as functional, regression, performance, and load testing. Each test type serves a unique purpose in validating software quality, and the guide explains how automation enhances efficiency in each.

Benefits of Test Automation

One of the crucial sections in a complete guide to test automation pdf focuses on the advantages of implementing automation in software testing. This section outlines how automation contributes to improved accuracy, faster feedback, and cost savings over time.

Increased Test Coverage

Automation enables running a larger number of tests across different environments and configurations than manual testing typically allows. This leads to better test coverage and identification of defects early in the development process.

Faster Time-to-Market

Automated tests can be executed quickly and repeatedly, facilitating continuous integration and continuous delivery (CI/CD) pipelines. The guide details how this speed accelerates release cycles and enhances product quality.

Choosing the Right Test Automation Tools

Selecting appropriate tools is critical for successful test automation. A comprehensive guide to test automation pdf provides criteria and recommendations for evaluating and choosing tools that align with project requirements and team expertise.

Evaluation Criteria

The guide lists key factors such as ease of use, supported platforms, scripting languages, integration capabilities, and community support. Understanding these criteria helps teams make informed decisions.

Popular Automation Tools

Examples of widely used tools like Selenium, Appium, JUnit, TestNG, and commercial solutions are discussed in detail. Each tool's strengths and ideal use cases are presented to guide tool selection.

Designing an Effective Automation Framework

A complete guide to test automation pdf emphasizes the importance of a well-structured automation framework. This section covers the architectural patterns, modular design, and reusable components essential for maintainability and scalability.

Framework Types

The guide describes various framework models such as linear scripting, modular, data-driven, keyword-driven, and hybrid frameworks. Each model is explained with its pros and cons.

Best Practices in Framework Design

Key practices include adopting consistent naming conventions, separating test data from scripts, and implementing logging and reporting mechanisms. These practices ensure that the automation effort is robust and sustainable.

Implementation Best Practices

Implementing test automation effectively requires adherence to proven methodologies and continuous improvement. This section of the guide outlines actionable best practices for test script development, execution, and maintenance.

Writing Maintainable Test Scripts

Guidance on writing clear, modular, and reusable test scripts is provided. The importance of code reviews, version control, and documentation is underscored to maintain high-quality automation codebases.

Integrating with CI/CD Pipelines

The guide highlights how to integrate automated tests into CI/CD workflows, enabling rapid feedback and early defect detection. It covers common tools and practices for seamless integration.

Common Challenges and Solutions

Test automation projects often face obstacles that can hinder progress. A thorough guide addresses typical challenges and offers practical solutions to overcome them.

Flaky Tests and Test Reliability

Flaky tests produce inconsistent results, undermining confidence in automation. The guide explains root causes and strategies to improve test stability, such as proper waits, environment control, and robust test design.

Initial Investment and ROI

Concerns about the upfront cost and time investment are common. The guide discusses how to plan and justify test automation projects to achieve a positive return on investment over time.

Maintaining and Scaling Test Automation

Successful test automation requires ongoing maintenance and scaling strategies to adapt to evolving software and business needs. This final section of the guide focuses on sustaining automation efforts effectively.

Test Suite Maintenance

Regularly updating test scripts to reflect application changes is crucial. The guide suggests techniques for managing test data, refactoring scripts, and retiring obsolete tests.

Scaling Automation Across Teams

As projects grow, scaling automation involves standardizing frameworks, sharing best practices, and fostering collaboration among QA teams. The guide outlines approaches to scale automation efficiently while maintaining quality.

- Understand the fundamentals of test automation
- Recognize the benefits and strategic value
- Evaluate and select appropriate tools
- Design maintainable and scalable frameworks
- Implement best practices for development and integration
- Address challenges with effective solutions
- Maintain and grow the automation suite responsibly

Frequently Asked Questions

What is a 'Complete Guide to Test Automation PDF'?

A 'Complete Guide to Test Automation PDF' is a comprehensive document that covers the fundamentals, best practices, tools, frameworks, and strategies involved in automating software testing processes.

Where can I find a reliable 'Complete Guide to Test Automation PDF' for beginners?

Reliable guides can be found on reputable websites like software testing blogs, official tool documentation pages, educational platforms such as Udemy or Coursera, or through a simple web search for 'test automation complete guide PDF'.

What topics are typically covered in a complete test automation guide PDF?

Such guides usually cover topics like introduction to test automation, benefits, types of testing automation, popular tools (Selenium, Appium, etc.), test framework design, scripting, continuous integration, and maintenance best practices.

Is the 'Complete Guide to Test Automation PDF' suitable for advanced testers?

Yes, many comprehensive guides include advanced topics such as integrating test automation in DevOps pipelines, advanced scripting techniques, performance testing automation, and test data management.

Can a PDF guide help in learning automation tools like Selenium or Appium?

Absolutely. Many complete guides provide step-by-step tutorials, sample scripts, and practical examples to help learners effectively use tools like Selenium and Appium.

How up-to-date are most 'Complete Guide to Test Automation' PDFs available online?

The relevance depends on the publication date. It's important to check for guides updated within the last 1-2 years to ensure coverage of the latest tools, technologies, and best practices.

Are there free 'Complete Guide to Test Automation' PDFs available for download?

Yes, several free resources are available online offered by testing communities, educational websites, and tool vendors. However, some comprehensive guides may require purchase or subscription.

What are the benefits of using a PDF guide for test automation learning?

PDF guides offer structured content, offline accessibility, easy navigation, and can include diagrams, code snippets, and examples, making it convenient for self-paced learning.

Does the guide cover how to integrate test automation into CI/CD pipelines?

Many complete test automation guides include sections on integrating automated tests with Continuous Integration and Continuous Deployment tools like Jenkins, GitLab CI, or Azure DevOps.

How can I ensure the 'Complete Guide to Test Automation PDF' I'm using is trustworthy?

Check the author's credentials, publisher reputation, presence of up-to-date content, positive reviews, and whether the guide references well-known tools and industry best practices.

Additional Resources

1. *Complete Guide to Test Automation: Strategies and Best Practices*

This book offers a comprehensive overview of test automation, covering essential strategies and best practices for implementing effective automation frameworks. It guides readers through tool selection, scripting, and maintenance to help improve testing efficiency. Ideal for beginners and experienced testers aiming to optimize their automation processes.

2. *Test Automation in the Real World: Practical Solutions for Automated Testing*

Focusing on practical applications, this book addresses common challenges faced by test automation engineers. It provides step-by-step instructions to design, develop, and maintain automated test suites, along with real-world case studies. Readers gain insights into integrating automation into continuous integration pipelines and agile workflows.

3. *Automation Testing Tools: A Comprehensive Guide*

This guide dives deep into popular test automation tools such as Selenium, Appium, and JUnit. It explains the features, strengths, and limitations of each tool and offers tutorials to help testers choose the right tool for their projects. The book also highlights best practices for tool integration and test execution.

4. *Mastering Selenium WebDriver: The Complete Guide to Automated Web Testing*

Dedicated to Selenium WebDriver, this book covers everything from setting up the environment to creating complex test scripts. It includes tips for handling dynamic web elements, synchronization, and cross-browser testing. Perfect for testers looking to master web automation with Selenium.

5. *Continuous Testing and Test Automation: Accelerating Agile Delivery*

This book explains how to incorporate test automation within continuous integration and delivery pipelines. It explores frameworks and methodologies that enable faster feedback and higher software quality in agile environments. Readers learn how to automate tests effectively to support rapid release cycles.

6. *Robot Framework Test Automation: A Beginner's Guide*

Focusing on the Robot Framework, this beginner-friendly guide introduces keyword-driven testing and automation concepts. It covers test case design, libraries, and integration options with other tools. The book is ideal for those starting their journey in test automation with an easy-to-use framework.

7. *Practical Test Automation with Python: From Basics to Advanced Techniques*

This book teaches test automation using Python, covering popular libraries such as PyTest and Selenium. It provides hands-on examples, automation best practices, and advice on maintaining test scripts. Suitable for developers and testers who want to leverage Python for automated testing.

8. *Behavior-Driven Development and Test Automation: Bridging the Gap*

Exploring the synergy between BDD and test automation, this book demonstrates how to write clear, executable specifications that drive automated tests. It introduces tools like Cucumber and SpecFlow and explains how to align testing with business requirements. Useful for teams aiming to improve collaboration through BDD.

9. *Automated Testing for Mobile Applications: A Complete Guide*

This guide addresses the unique challenges of mobile app test automation, including device fragmentation and performance testing. It covers popular automation tools like Appium and Espresso and provides strategies for effective test design. Mobile testers will find valuable tips to ensure robust automated testing across platforms.

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The Complete Guide to Test Automation: A Comprehensive Handbook for Software Quality Assurance

This ebook delves into the crucial world of test automation, exploring its benefits, methodologies, tools, and best practices to help software developers and testers build robust and reliable applications. We'll cover everything from selecting the right framework to implementing continuous integration and addressing common challenges. This guide is essential for anyone aiming to improve software quality, reduce development time, and enhance overall efficiency.

Ebook Title: "Conquering Test Automation: A Practical Guide from Framework Selection to CI/CD Integration"

Outline:

Introduction: Defining Test Automation and its significance in modern software development.

Chapter 1: Fundamentals of Test Automation: Understanding different testing methodologies (unit, integration, system, etc.), test levels, and the software development lifecycle (SDLC).

Chapter 2: Selecting the Right Automation Framework: Exploring popular frameworks like Selenium, Appium, Cypress, pytest, JUnit, and choosing the optimal framework based on project needs and technology stack. A detailed comparison of their strengths and weaknesses will be provided.

Chapter 3: Test Automation Design and Implementation: Best practices for writing effective automated tests, including test case design, data-driven testing, keyword-driven testing, and page object model (POM).

Chapter 4: Continuous Integration and Continuous Delivery (CI/CD): Integrating automated tests into the CI/CD pipeline for faster feedback loops and improved efficiency. This will encompass popular CI/CD tools and their integration with test automation frameworks.

Chapter 5: Test Automation Reporting and Analytics: Generating insightful reports to track test execution, identify defects, and measure the overall effectiveness of test automation efforts.

Chapter 6: Addressing Common Challenges in Test Automation: Troubleshooting common issues like test flakiness, maintenance overhead, and the integration of automated testing with legacy systems. Practical solutions and strategies for overcoming these hurdles are detailed.

Chapter 7: Advanced Test Automation Techniques: Exploring advanced concepts like AI-powered testing, visual testing, and performance testing automation.

Conclusion: Summarizing key takeaways and highlighting the future trends in test automation.

Detailed Explanation of Outline Points:

Introduction: This section defines test automation, explaining its importance in reducing manual testing efforts, increasing testing coverage, improving speed and accuracy, and ultimately delivering higher-quality software. It sets the stage for the subsequent chapters.

Chapter 1: Fundamentals of Test Automation: This chapter lays the groundwork by explaining various testing methodologies like unit, integration, system, and acceptance testing. It connects these methodologies with the SDLC (Software Development Life Cycle), showing where test automation fits within the development process, emphasizing Agile and DevOps methodologies.

Chapter 2: Selecting the Right Automation Framework: This crucial chapter provides a comprehensive comparison of widely used automation frameworks. It delves into their capabilities, suitability for different types of testing (web, mobile, API), programming language requirements, and community support. This section aims to equip the reader with the knowledge to choose the best framework for their specific project needs.

Chapter 3: Test Automation Design and Implementation: This section moves into the practical aspects of writing effective automated tests. It covers essential design patterns like Page Object Model (POM), data-driven testing, and keyword-driven testing, showing how to write maintainable, reusable, and robust test scripts. Best practices for test naming conventions and structuring test suites are also detailed.

Chapter 4: Continuous Integration and Continuous Delivery (CI/CD): This chapter explains the integration of automated tests into CI/CD pipelines. Popular tools like Jenkins, GitLab CI, CircleCI, and Azure DevOps will be discussed, showing how to automate the build, test, and deployment

process. This enhances speed and efficiency, allowing for faster feedback and earlier detection of bugs.

Chapter 5: Test Automation Reporting and Analytics: This section focuses on generating meaningful reports from automated tests. It covers various reporting tools and techniques for visualizing test results, identifying areas needing improvement, and measuring key metrics like test coverage and defect density. The importance of data-driven decision-making in test automation is highlighted.

Chapter 6: Addressing Common Challenges in Test Automation: This practical chapter tackles common problems faced by test automation teams, such as test flakiness (intermittent failures), maintenance overhead due to changes in the application under test, and difficulties integrating test automation with legacy systems. It provides solutions and strategies to mitigate these challenges, ensuring the long-term success of test automation initiatives.

Chapter 7: Advanced Test Automation Techniques: This chapter explores cutting-edge techniques in test automation, including AI-powered testing (using machine learning for test case generation and defect prediction), visual testing (comparing screenshots to detect UI changes), and performance testing automation (using tools like JMeter or Gatling).

Conclusion: The concluding section summarizes the key concepts discussed throughout the ebook, emphasizing the importance of continuous learning and adaptation in the field of test automation. It offers final advice on successful test automation implementation and points towards future trends and technologies.

Keywords:

Test automation, software testing, automated testing, Selenium, Appium, Cypress, pytest, JUnit, test framework, CI/CD, continuous integration, continuous delivery, test automation framework, test design, test implementation, test reporting, Agile, DevOps, software quality assurance, software quality control, test automation tools, test automation best practices, automated UI testing, API testing, mobile testing, performance testing, test automation challenges, AI in testing, visual testing.

FAQs:

1. What are the key benefits of test automation? Test automation significantly reduces testing time, improves accuracy, enhances test coverage, and enables faster feedback loops. This leads to higher quality software and reduced development costs.

2. Which test automation framework is best for my project? The optimal framework depends on several factors, including your application's technology stack (web, mobile, API), programming language preferences, team expertise, and project requirements. Consider factors like ease of use, community support, and scalability.

3. How do I overcome test flakiness? Test flakiness is a major challenge. Strategies include improving test design, using robust locators, handling dynamic content effectively, implementing proper waits, and using reliable testing environments.
4. How can I integrate test automation into my CI/CD pipeline? Integrating test automation requires using CI/CD tools (like Jenkins or GitLab CI) to trigger tests automatically during the build and deployment process. This ensures that tests run frequently and provide immediate feedback.
5. What are some common challenges in test automation and how can I address them? Common challenges include maintaining tests as the application changes, dealing with test flakiness, integrating with legacy systems, and managing test data. Effective strategies include using robust design patterns (like POM), employing proper error handling, and utilizing version control.
6. What are the best practices for writing effective automated tests? Best practices include writing clear, concise, and maintainable tests, using descriptive test names, separating test logic from test data, and utilizing appropriate assertions.
7. How can I measure the effectiveness of my test automation efforts? Track key metrics like test coverage, defect density, testing time reduction, and return on investment (ROI). Analyze these metrics to identify areas for improvement and demonstrate the value of test automation.
8. What are the latest trends in test automation? Current trends include the increased use of AI and machine learning in testing, the rise of codeless automation tools, and a growing focus on end-to-end testing.
9. Where can I find more resources to learn about test automation? Numerous online resources are available, including online courses, tutorials, documentation for various frameworks, and active communities on forums and social media.

Related Articles:

1. Choosing the Right Test Automation Framework: A Detailed Comparison: This article provides a detailed comparison of popular test automation frameworks, helping readers choose the best fit for their project.
2. Mastering the Page Object Model (POM) in Test Automation: This article explains the POM design pattern and demonstrates how to implement it effectively for creating maintainable and reusable automated tests.
3. Implementing Continuous Integration (CI) for Test Automation: This article focuses on integrating automated tests into a CI/CD pipeline, providing step-by-step guidance and best practices.
4. Overcoming Test Flakiness: Strategies and Best Practices: This article explores common causes of test flakiness and presents effective strategies to minimize their occurrence.
5. Generating Effective Test Automation Reports and Dashboards: This article dives into generating insightful reports and dashboards to track test execution, identify defects, and measure the success

of test automation efforts.

6. Introduction to AI-Powered Test Automation: This article explores the application of artificial intelligence and machine learning in test automation, showcasing its capabilities and potential.

7. Test Automation for Mobile Applications: A Comprehensive Guide: This article focuses specifically on test automation for mobile applications, covering different frameworks and strategies.

8. API Testing Automation: Best Practices and Techniques: This article covers API testing automation, including various testing methods and tools.

9. Scaling Test Automation: Strategies for Large Projects: This article provides strategies and best practices for scaling test automation efforts to meet the needs of large and complex projects.

complete guide to test automation pdf: Complete Guide to Test Automation Arnon Axelrod, 2018-09-22 Rely on this robust and thorough guide to build and maintain successful test automation. As the software industry shifts from traditional waterfall paradigms into more agile ones, test automation becomes a highly important tool that allows your development teams to deliver software at an ever-increasing pace without compromising quality. Even though it may seem trivial to automate the repetitive tester's work, using test automation efficiently and properly is not trivial. Many test automation endeavors end up in the "graveyard" of software projects. There are many things that affect the value of test automation, and also its costs. This book aims to cover all of these aspects in great detail so you can make decisions to create the best test automation solution that will not only help your test automation project to succeed, but also allow the entire software project to thrive. One of the most important details that affects the success of the test automation is how easy it is to maintain the automated tests. Complete Guide to Test Automation provides a detailed hands-on guide for writing highly maintainable test code. What You'll Learn Know the real value to be expected from test automation Discover the key traits that will make your test automation project succeed Be aware of the different considerations to take into account when planning automated tests vs. manual tests Determine who should implement the tests and the implications of this decision Architect the test project and fit it to the architecture of the tested application Design and implement highly reliable automated tests Begin gaining value from test automation earlier Integrate test automation into the business processes of the development team Leverage test automation to improve your organization's performance and quality, even without formal authority Understand how different types of automated tests will fit into your testing strategy, including unit testing, load and performance testing, visual testing, and more Who This Book Is For Those involved with software development such as test automation leads, QA managers, test automation developers, and development managers. Some parts of the book assume hands-on experience in writing code in an object-oriented language (mainly C# or Java), although most of the content is also relevant for nonprogrammers.

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to automate the repetitive tester's work, using test automation efficiently and properly is not trivial. Many test automation endeavors end up in the graveyard of software projects. There are many things that affect the value of test automation, and also its costs. This book aims to cover all of these aspects in great detail so you can make decisions to create the best test automation solution that will not only help your test automation project to succeed, but also allow the entire software project to thrive. One of the most important details that affects the success of the test automation is how easy it is to maintain the automated tests. Complete guide to test automation provides a detailed hands-on guide to writing highly maintainable test code. What you'll learn: Know the real value to be expected from test automation ; Discover the key traits that will make your test automation project succeed ; Be aware of the different considerations to take into account when planning automated tests vs. manual tests ; Determine who should implement the tests and the implications of this decision ; Architect the test project and fit it to the architecture of the tested application ; Design and implement highly reliable automated tests ; Begin gaining value from test automation earlier ; Integrate test automation into the business processes of the development team ; Leverage test automation to improve your organization's performance and quality, even without formal authority ; Understand how different types of automated tests will fit into your testing strategy, including unit testing, load and performance testing, visual testing, and more.

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a means to coordinate how to write and organize automated tests for the web. Follow the testing pyramid and level up your skills in user interface testing, integration testing, and unit testing. Your new skills will free you up to do other, more important things while letting the computer do the one thing it's really good at: quickly running thousands of repetitive tasks. This book shows you how to do three things: How to write really good automated tests for the web. How to pick and choose the right ones. * How to explain, coordinate, and share your efforts with others. If you're a traditional software tester who has never written an automated test before, this is the perfect book for getting started. Together, we'll go through everything you'll need to start writing your own tests. If you're a developer, but haven't thought much about testing, this book will show you how to move fast without breaking stuff. You'll test RESTful web services and legacy systems, and see how to organize your tests. And if you're a team lead, this is the Rosetta Stone you've been looking for. This book will help you bridge that testing gap between your developers and your testers by giving your team a model to discuss automated testing, and most importantly, to coordinate their efforts. The Way of the Web Tester is packed with cartoons, graphics, best practices, war stories, plenty of humor, and hands-on tutorial exercises that will get you doing the right things, the right way.

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Elfriede Dustin, Thom Garrett, Bernie Gauf, 2009-03-04 "This book fills a huge gap in our knowledge of software testing. It does an excellent job describing how test automation differs from other test activities, and clearly lays out what kind of skills and knowledge are needed to automate tests. The book is essential reading for students of testing and a bible for practitioners." -Jeff Offutt, Professor of Software Engineering, George Mason University "This new book naturally expands upon its predecessor, Automated Software Testing, and is the perfect reference for software practitioners applying automated software testing to their development efforts. Mandatory reading for software testing professionals!" -Jeff Rashka, PMP, Coauthor of Automated Software Testing and Quality Web Systems Testing accounts for an increasingly large percentage of the time and cost of new software development. Using automated software testing (AST), developers and software testers can optimize the software testing lifecycle and thus reduce cost. As technologies and development grow increasingly complex, AST becomes even more indispensable. This book builds on some of the proven practices and the automated testing lifecycle methodology (ATLM) described in Automated Software Testing and provides a renewed practical, start-to-finish guide to implementing AST successfully. In Implementing Automated Software Testing, three leading experts explain AST in detail, systematically reviewing its components, capabilities, and limitations. Drawing on their experience deploying AST in both defense and commercial industry, they walk you through the entire implementation process-identifying best practices, crucial success factors, and key pitfalls along with solutions for avoiding them. You will learn how to: Make a realistic business case for AST, and use it to drive your initiative Clarify your testing requirements and develop an automation strategy that reflects them Build efficient test environments and choose the right automation tools and techniques for your environment Use proven metrics to continuously track your progress and adjust accordingly Whether you're a test professional, QA specialist, project manager, or developer, this book can help you bring unprecedented efficiency to testing-and then use AST to improve your entire development lifecycle.

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Hayes, 2004

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complete guide to test automation pdf: Automated Software Testing Elfriede Dustin, Jeff Rashka, John Paul, 1999-06-28 With the urgent demand for rapid turnaround on new software releases--without compromising quality--the testing element of software development must keep pace, requiring a major shift from slow, labor-intensive testing methods to a faster and more thorough automated testing approach. Automated Software Testing is a comprehensive, step-by-step guide to the most effective tools, techniques, and methods for automated testing. Using numerous case studies of successful industry implementations, this book presents everything you need to know

to successfully incorporate automated testing into the development process. In particular, this book focuses on the Automated Test Life Cycle Methodology (ATLM), a structured process for designing and executing testing that parallels the Rapid Application Development methodology commonly used today. Automated Software Testing is designed to lead you through each step of this structured program, from the initial decision to implement automated software testing through test planning, execution, and reporting. Included are test automation and test management guidance for:

- Acquiring management support
- Test tool evaluation and selection
- The automated testing introduction process
- Test effort and test team sizing
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at <http://javafortesters.com> The book covers 'just enough' to get people writing tests and abstraction layers. For example, the book cover the basics of Inheritance, but doesn't really cover Interfaces in detail. We explain the concept of Interfaces, because we need to know it to understand Collections, but not how to write them. Why? Because the book covers enough to get you started, and working. But not overload the reader. Once you are on your way, and have gained some experience. You should have the basic knowledge to understand the additional concepts. Why 'for testers'? Java Developers coding production applications in Java need to learn Java differently from other people on the team. Throughout the author's career, he has have written thousands of lines of Java code, but has rarely had to compile the code into an application. Yet, when we learn Java from most books, one of the first things we learn is 'javac' and the 'main' method and working from the command line. And this is confusing. Most of the code the author writes is wrapped up in a JUnit @Test method. The author has trained many people to write automation in Java, and everytime he has taught Java to testers or other people on the team, we start with a JUnit @Test method and run tests from the IDE. Testers, and other people on the team use java differently. This book provides a different order and approach to learning Java. You can find the source code for all examples and exercises used in the book over on github: <https://github.com/eviltester/javaForTestersCode>

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