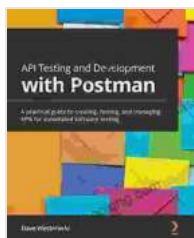


Practical Guide to Creating, Testing, and Managing APIs for Automated Software

In today's fast-paced digital landscape, software automation is essential for businesses to stay competitive. APIs (Application Programming Interfaces) play a crucial role in enabling seamless communication between different software applications, automating tasks, and streamlining processes. This practical guide provides a comprehensive roadmap for creating, testing, and managing APIs to empower your software automation efforts.



API Testing and Development with Postman: A practical guide to creating, testing, and managing APIs for automated software testing by Dave Westerveld

★★★★☆ 4.3 out of 5

Language : English
File size : 6798 KB
Text-to-Speech : Enabled
Screen Reader : Supported
Enhanced typesetting : Enabled
Print length : 340 pages



Chapter 1: Understanding APIs

* What are APIs and how do they work? * Different types of APIs (REST, SOAP, gRPC, etc.) * Benefits of using APIs for software automation

Chapter 2: Creating APIs

* Designing and planning an API * Choosing the right API design principles and patterns * Implementing APIs in various programming languages (e.g., Java, Python, Node.js) * Best practices for API security and data protection

Chapter 3: Testing APIs

* Importance of API testing * Different types of API tests (functional, performance, security) * Automated API testing tools and techniques * Setting up test environments and test frameworks

Chapter 4: Managing APIs

* API deployment and versioning * Monitoring API performance and usage * API documentation and communication * Troubleshooting API issues and errors

Chapter 5: Advanced Topics in API Development

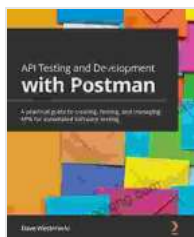
* API design patterns (e.g., RESTful, HATEOAS) * API security best practices (e.g., OAuth, JWT) * Integration with microservices and cloud platforms * Emerging trends in API development

By following the practical guidance outlined in this book, you will gain a deep understanding of API development, testing, and management. This knowledge will empower you to create robust and efficient APIs that drive software automation, streamline your processes, and unlock new levels of productivity and efficiency.

Call to Action

Free Download your copy of this valuable resource today and unlock the full potential of APIs for automated software. Invest in your software

development capabilities and gain a competitive edge in the digital era.



API Testing and Development with Postman: A practical guide to creating, testing, and managing APIs for automated software testing by Dave Westerveld

★★★★☆ 4.3 out of 5

Language : English
File size : 6798 KB
Text-to-Speech : Enabled
Screen Reader : Supported
Enhanced typesetting : Enabled
Print length : 340 pages

FREE

DOWNLOAD E-BOOK



How to Know When Language Deceives You

Unmasking the Power of Persuasion in Everyday Life In the realm of human communication, language holds immense power to shape our thoughts, sway our...



50 Things To Know About Planning Home Schooling Excursions

: The Power of Hands-On Learning Embarking on home schooling excursions can be an incredibly rewarding experience for both children and parents. These excursions offer a rich...