Advanced Uft 12 For Test Engineers Cookbook

Learn Java programming concepts to design automation testing frameworks Key Features Learn to use Java program logic in application testing Understand various test-driven development concepts with Java tools Master Java with lots of programming examples Book Description Java is one of the most commonly-used software languages by programmers and developers. Are you from a non-technical background and looking to master Java for your automation needs? Then Hands-On Automation Testing with Java for Beginners is for you. This book provides you with efficient techniques to effectively handle Java-related automation projects. You will learn how to handle strings and their functions in Java. As you make your way through the book, you will get to grips with classes and objects, along with their uses. In the concluding chapters, you will learn about the importance of inheritance and exceptions with practical examples. By the end of this book, you will have gained comprehensive knowledge of Java. What you will learn Understand the practical usage of Java conditions and loops Write any Java program logic with strategies, tips, and tricks Leverage advanced topics in Java collections to solve Java-related problems Understand and use objects, classes, methods, and functions in Java Build Java automation frameworks from scratch Obtain knowledge of Java object-oriented programming (OOP) concepts with practical implementations Who this book is for Hands-On Automation Testing with Java for Beginners is for software developers who want to step into the world of software quality assurance and perform automation testing using various testing frameworks. Prior experience of writing tests in Java is

assumed.

If you want a complete understanding of mobile automation testing and its practical implementation, then this book is for you. Familiarity with the basics of VB Script and Java along with knowledge of basic testing concepts is essential.

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.

R Markdown: The Definitive Guide is the first official book authored by the core R Markdown developers that provides a comprehensive and accurate reference to the R Markdown ecosystem. With R Markdown, you can easily create reproducible data analysis reports, presentations, dashboards, interactive applications, books, dissertations, websites, and journal articles, while enjoying the simplicity of Markdown and the great power of R and other languages. In this book, you will learn Basics: Syntax of Markdown and R code chunks, how to generate figures and tables, and how to use other computing languages Built-in output formats of R Markdown: PDF/HTML/Word/RTF/Markdown documents and ioslides/Slidy/Beamer/PowerPoint presentations Extensions and applications: Dashboards, Tufte handouts, xaringan/reveal.js presentations, websites, books, journal articles, and interactive tutorials Advanced topics: Parameterized reports, HTML widgets, document templates, custom output formats, and Shiny documents. Yihui Xie is a software engineer at RStudio. He has authored and co-authored several R packages, including knitr, rmarkdown, bookdown, blogdown, shiny, xaringan, and animation. He has published three other books, Dynamic Documents with R and knitr, bookdown: Authoring Books and Technical Documents with R Markdown, and blogdown: Creating Websites with R Markdown. J.J. Allaire is the founder of RStudio and the creator of the RStudio IDE. He is an author of several packages in the R Markdown ecosystem including rmarkdown, flexdashboard, learnr, and radix. Garrett Grolemund is the co-author of R for Data Science and author of Hands-On Programming with R. He wrote the lubridate R package and works for RStudio as an advocate who trains engineers to do data science with R and the Tidyverse.

Learn end-to-end automation testing techniques for web and mobile browsers using Selenium WebDriver, AppiumDriver, Java, and TestNG Key Features Explore the Selenium grid architecture and build your own grid for browser and mobile devices Use ExtentReports for processing results and SauceLabs for cloud-based test services Unlock the full potential of Selenium to test your web applications. Book Description Selenium WebDriver 3.x is an open source API for testing both browser and mobile applications. With the help of this book, you can build a solid foundation and can easily perform end-to-end testing on web and mobile browsers.You'll begin by being introduced to the Selenium Page Object Model for software development. You'll architect your own framework with a scalable driver class, Java utility classes, and support for third-party tools and plugins. You'll design and build a Selenium grid from scratch to enable the framework to scale and support different browsers, mobile devices, and platforms.You'll strategize and handle a rich web UI using the advanced WebDriver API and learn techniques to handle real-time challenges in WebDriver. You'll perform different types of testing, such as cross-browser testing, load testing, and mobile testing. Finally, you will also be introduced to data-driven testing, using TestNG to create your own automation framework.By the end of this Learning Path, you'll be able to design your own automation testing framework and perform data-driven testing with Selenium WebDriver. This Learning Path includes content from the following Packt products: Selenium WebDriver 3 Practical Guide - Second Edition by Unmesh Gundecha Selenium Framework Design in Data-Driven Testing by Carl Cocchiaro What you will learn Use different mobile and desktop browser platforms with Selenium 3 Use the Actions API for performing various keyboard and mouse actions Design the Selenium Driver Class for local, remote, and third-party grid support Build

page object classes with the Selenium Page Object Model
Develop data-driven test classes using the TestNG
framework Encapsulate data using the JSON protocol Build a
Selenium Grid for RemoteWebDriver testing Build and use
utility classes in synchronization, file I/O, reporting and test
listener classes Who this book is for This Learning Path is
ideal for software quality assurance/testing professionals,
software project managers, or software developers interested
in using Selenium for testing their applications. Professionals
responsible for designing and building enterprise-based
testing frameworks will also find this Learning Path useful.
Prior programming experience in Java are TestNG is
necessary.
Design RPA solutions to perform a wide range of
transactional tasks with minimal cost and maximum ROI Key
Features A beginner's guide to learn Robotic Process
Automation and its impact on the modern world Design, test,
and perform enterprise automation task with UiPath Create
Automation apps and deploy them to all the computers in
your department. Book Description Robotic Process
Automation (RPA) enables automating business processes
using software robots. Software robots interpret, trigger
responses, and communicate with other systems just like
humans do. Robotic processes and intelligent automation
tools can help businesses improve the effectiveness of
services faster and at a lower cost than current methods. This
book is the perfect start to your automation journey, with a
special focus on one of the most popular RPA tools: UiPath.
Learning Robotic Process Automation takes you on a journey
from understanding the basics of RPA to advanced
implementation techniques. You will become oriented in the
UiPath interface and learn about its workflow. Once you are
familiar with the environment, we will get hands-on with
automating different applications such as Excel, SAP,

Windows and web applications, screen and web scraping, working with user events, as well as understanding exceptions and debugging. By the end of the book, you'll not only be able to build your first software bot, but also you'll wire it to perform various automation tasks with the help of best practices for bot deployment. What you will learn Understand Robotic Process Automation technology Learn UiPath programming techniques to deploy robot configurations Explore various data extraction techniques Learn about integrations with various popular applications such as SAP and MS Office Debug a programmed robot including logging and exception handling Maintain code version and source control Deploy and control Bots with UiPath Orchestrator Who this book is for If you would like to pursue a career in Robotic Process Automation or improve the efficiency of your businesses by automating common tasks, then this book is perfect for you. Prior programming knowledge of either Visual Basic or C# will be useful. QuickTest Professional Unplugged, the first book written by author Tarun Lalwani and the first ever book on QTP as well, has already turned out a bestseller since its publication in 2009. Tarun Lalwani has won the Best Automation Book award in 2nd ATI Automation honors for the sameThis book is good for those starting out a career in Testing Automation or even for those with few years of QTP experience. It is the culmination of 3 years of research and effort in this field.The book gives a pragmatic view of using QTP in various situations. And is recommended for those aspiring to be experts or advanced users of QTPQTP Unplugged 2nd Edition comes with all the updates till QTP 11 in a new chapter and few minor fixes in the code. The new chapter covers many features that got added over the previous version of QTP. The chapter also discusses the Object Repository feature in details which had seen a major change

from QTP 8.X to QTP 9Quotes from the Reviewers"I find this to be a very pragmatic, hand's on book for those who want to extend their QTP skills beyond basic expert view programming. This book is written by a QTP master for those who wish to eventually become masters themselves." – Terry"Tarun Lalwani has singlehandedly helped thousands of people to expand their knowledge of QuickTest Professional. Here is a book the automated testing community has been crying-out for. This book will help QTP practitioners, from beginner to expert. I have used QTP from V6.0 and during the review I learnt something from every chapter." – Mark

A unique book that consists entirely of test automation case studies from a variety of domains - from the top names in the field * *Proven advice to empower development organizations to save time by mirroring others' experiences and save money by avoiding others' mistakes. *Insightful case studies from a wide variety of domains, including aerospace, pharmaceuticals, insurance, technology, and telecommunications. *Focuses on the basic issues, rather then technology trends, to give the book a long shelf life. The practice of test automation is becoming more and more popular, but many organizations are not yet experiencing success with it. This book unveils the secrets of how automation has been made to work in reality. The knowledge gained by reading this book can save months or years of effort in automating software testing by helping organizations avoid expensive mistakes and take advantage of proven ideas. By its nature, this

book shows the current state of software test
automation practice. The authors aim to keep the
contributions focused on those things that are more
universal (e.g. people issues, return on investment,
etc.) and to minimize detailed technical content
where this does not impede the process of learning
valuable lessons, in order to give the book as long a
shelf life as possible. Software practitioners always
enjoy reading about what happened to others. For
example, at conferences, case study presentations
are usually very well attended. The authors/editors
have gathered together a collection of experiences
from a cross-section of industries and countries, both
success stories and failures, in both agile and
traditional development. In addition to the case
studies, the authors/editors comment on issues
raised in these stories, and also include a chapter
summarizing good practices and common pitfalls.
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. QTP (now UFT) is the industry leading tool in automation testing space. Just knowing record and playback in QTP is not enough in large testing projects having 1000+ test cases. We must know best practises used in automation testing frameworks. This book is for QTP engineers who want to design the automation frameworks in QTP. This book contains complete source codes and examples in QTP. Major topics covered in this book are. 1.Automation Testing Frameworks in QTP. 2.Data driven automation frameworks(DDF). 3.Keyword driven automation frameworks(KDF). 4.Hybrid driven automation frameworks(HDF). 5.Generating graphical reports in QTP. 6.Using Excel Sheet to store test data. 7.Handling Exceptions for uninterrupted execution. 8.Writing Generic functions to increase re usability. This advanced cookbook is designed for software testers and engineers with previous automation experience and teaches UFT (QTP) developers advanced programming approaches. Knowledge of software testing and basic coding (with VBScript in

particular) and familiarity with programming concepts
are prerequisites.

2012 Jolt Award finalist! Pioneering the Future of
Software Test Do you need to get it right, too? Then,
learn from Google. Legendary testing expert James
Whittaker, until recently a Google testing leader, and
two top Google experts reveal exactly how Google
tests software, offering brand-new best practices you
can use even if you're not quite Google's size…yet!
Breakthrough Techniques You Can Actually Use
Discover 100% practical, amazingly scalable
techniques for analyzing risk and planning
tests…thinking like real users…implementing
exploratory, black box, white box, and acceptance
testing…getting usable feedback…tracking
issues…choosing and creating tools…testing "Docs &
Mocks," interfaces, classes, modules, libraries,
binaries, services, and infrastructure…reviewing code
and refactoring…using test hooks, presubmit scripts,
queues, continuous builds, and more. With these
techniques, you can transform testing from a
bottleneck into an accelerator–and make your whole
organization more productive!

This book is aimed at testers who want to try their
hands at automated testing using Coded UI, which is
available as part of Microsoft(R) Visual Studio(R)
(Enterprise Edition). Coded UI has empowered
developers and automation testers to work using the
same automation tool and language, hence enabling

them to collaborate more efficiently and effectively. Moreover, Coded UI can be used for both Web and Windows-based Applications which enables automation testers to devise a single Automation Framework that reuses common code and libraries. This book provides a step by step guide that will teach you how to setup the Automation Framework from scratch using Coded UI. It includes complete listings of the hand coded automation code for the demo Website, Windows-based applications (Windows Forms and WPF Applications) and Web Service that have been developed for you to test against. The code listings explain the logic of individual tests, repositories and generic functions. The hand coding approach used in this book can be applied to any project which aims to use Coded UI as the test automation tool. In this book, you will: Learn Golden Automation Rules. Understand UI Controls and their hierarchy in Coded UI. Learn about Control Identification Mechanism used in Coded UI. Set up the Automation Framework and Object Repository from scratch. Add important features to the Automation Framework such as reporting result comparisons, saving screenshots, logging information to the Standard Output window & CSV files, generating Test Result Summary etc. Automate testing of Web Applications using UITestControls and HtmlControls. Perform Data Driven Testing using Microsoft Excel data sources.

Perform Cross Browser Testing using Firefox, Chrome, Internet Explorer and Microsoft Edge. Automate testing of Web Services. Automate testing of Windows Forms Applications using WinControls. Automate testing of Windows Presentation Foundation (WPF) Applications using WpfControls. Get robust library of generic functions. Complete with automation code for the demo Website, Web Service, Windows Forms Application and WPF Application. Since this book has been designed to be a Practical Oriented Approach, we will adhere to the following steps in each section of a chapter (wherever applicable): define a Test Scenario using one of the demo applications - Website, Windows Forms Application, WPF Application or the Web Service. define the required Configuration Parameters in the Configuration File. write code for the required controls in the Repository File. write code for the required generic functions in the Utility File. write code for the business process in the Page File. write code for the test logic as per the Test Scenario (defined in the beginning) in the Test File. finally, execute the test and view the Outcome. Decades of software testing experience condensed into the most important lessons learned. The world's leading software testing experts lend you their wisdom and years of experience to help you avoid the most common mistakes in testing software. Each lesson is an assertion related to software testing,

followed by an explanation or example that shows you the how, when, and why of the testing lesson. More than just tips, tricks, and pitfalls to avoid, Lessons Learned in Software Testing speeds you through the critical testing phase of the software development project without the extensive trial and error it normally takes to do so. The ultimate resource for software testers and developers at every level of expertise, this guidebook features: * Over 200 lessons gleaned from over 30 years of combined testing experience * Tips, tricks, and common pitfalls to avoid by simply reading the book rather than finding out the hard way * Lessons for all key topic areas, including test design, test management, testing strategies, and bug reporting * Explanations and examples of each testing trouble spot help illustrate each lesson's assertion

Aimed at experts who are dedicated to software testing, The Software Testing Process: Test Management addresses the major issues related to advanced, state-of-the-art test management. This book covers the syllabus required to pass the Certified Tester Examination - Advanced Level as defined by the International Software Testing Qualifications Board (ISTQB). Software developers, project managers, quality managers, and team leaders will benefit from the comprehensive coverage of risk oriented management and the way testing is shown to be an integral, though independent part of software development. Included are best practices in the field of testing, as well as detailed descriptions of involved tasks, roles, and responsibilities. Well suited for self-study, the reader is "taken by the hand" and

guided through the key concepts and terminology of software testing in a variety of scenarios and case studies (as featured in the first book in this series, Software Testing Foundations). Not only will testers and test managers find this a must-read, but anyone requiring advanced professional knowledge and skills in this field, anyone wanting to become a true testing professional, will find this book a must for a successful, well-founded education in advanced test management. Topics include: Test process and test toolsTesting in the software life cycleTest policy and test manualTest plan and test planningTest controlIncident managementRisk management/risk-based testingStaff qualificationsTest metrics

Learn to find software bugs faster and discover how other developers have solved similar problems. For intermediate to advanced iOS/macOS developers already familiar with either Swift or Objective-C who want to take their debugging skills to the next level, this book includes topics such as: LLDB and its subcommands and options; low-level components used to extract information from a program; LLDB's Python module; and DTrace and how to write D scripts.

Learn how to hack systems like black hat hackers and secure them like security experts Key Features Understand how computer systems work and their vulnerabilities Exploit weaknesses and hack into machines to test their security Learn how to secure systems from hackers Book Description This book starts with the basics of ethical hacking, how to practice hacking safely and legally, and how to install and interact with Kali Linux and the Linux terminal. You will explore network hacking, where you will see how to test the security of wired and wireless networks. You'll also learn how to crack the password for any Wi-Fi network (whether it uses WEP, WPA, or WPA2) and spy on the connected devices. Moving on, you will discover how to gain access to remote

computer systems using client-side and server-side attacks. You will also get the hang of post-exploitation techniques, including remotely controlling and interacting with the systems that you compromised. Towards the end of the book, you will be able to pick up web application hacking techniques. You'll see how to discover, exploit, and prevent a number of website vulnerabilities, such as XSS and SQL injections. The attacks covered are practical techniques that work against real systems and are purely for educational purposes. At the end of each section, you will learn how to detect, prevent, and secure systems from these attacks. What you will learn Understand ethical hacking and the different fields and types of hackers Set up a penetration testing lab to practice safe and legal hacking Explore Linux basics, commands, and how to interact with the terminal Access password-protected networks and spy on connected clients Use server and client-side attacks to hack and control remote computers Control a hacked system remotely and use it to hack other systems Discover, exploit, and prevent a number of web application vulnerabilities such as XSS and SQL injections Who this book is for Learning Ethical Hacking from Scratch is for anyone interested in learning how to hack and test the security of systems like professional hackers and security experts. 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. Test Automation using Selenium with Java - This book teaches how to automate using Selenium.

About the Book Test Automation using Selenium WebDriver with C#, is the latest book released on Selenium 3.0 using C# as a programming language. This Selenium book has been designed with the objectives of simplicity and ease of understanding. After the huge success of author Vaibhav Mittal and Navneesh Garg's Test Automation books on Selenium with Java, UFT and Microsoft CodedUI this book follows a similar step by step approach to Install, configure and design automation framework using Selenium WebDriver using Visual Studio 2017 and its components. Who is this book for? This book is recommended both for those who are beginning to learn test automation (using Selenium WebDriver) and for advanced automation users. It follows a unique training based approach instead of a regular textbook approach. Using a step by step approach, it guides the students through the exercises using pictorial snapshots. It includes many practical examples and issues which most of the automation testers encounter in day-to-day automation. These experiences will give you an insight into what challenges you could face with automation in the real world. Practical examples cover how to use most of the features within Selenium WebDriver using Visual Studio 2017. No Programming Background? A major fear amongst functional testers who want to learn Selenium is of programming language and coding. As a part of this, we will cover just enough basics of C# programming language that will give the readers the confidence to use Selenium WebDriver. Integrations Covered This book covers Selenium Webdriver integration with independent components to be installed like Microsoft Visual Studio 2017, Katalon, Extent Report, VSTS (Continuous Integration tool) and Specflow (Behaviour Driven

Development). We will cover step by step installation, configuration and use of each of these components. Those want to know about Cross Browser testing, it covers how to use Selenium WebDriver to run on IE, Firefox and Chrome browsers. It also covers aspects of Continuous Integration tool from Microsoft (VSTS) so that Selenium WebDriver scripts can be integrated with the development environment and run on nightly builds.

These days lot of web applications are being developed to meet the growing demands of business. So testing these applications is a big challenge. Automating test scenarios has become almost inevitable to reduce the overall cost and fast regression testing. Selenium webdriver is the best open source testing framework that can be used to automate the testing activities in web application project. In this book I have included all webdriver concepts with examples in VB.Net. Anyone looking to automate the wep applications using selenium webdriver can use this book. It provides lot of examples and tutorials in selenium webdriver in VB.Net

This book aims at providing the necessary knowledge in understanding the concepts of software testing and software quality assurance so that you can take any internationally recognized software testing / quality assurance certification examination and come out with flying colors. Also, equipped with this knowledge, you can do a great job as a testing and quality assurance professional in your career and contribute in developing reliable software for different applications, which in turn improves the quality of life of everyone on this earth.· Introduction· Software Development Life Cycle and Quality Assurance· Fundamentals of Testing· Testing Levels and Types· Static Testing Techniques· Dynamic Testing and Test Case Design Techniques· Managing the Testing Process· Software Testing Tools· Code of Ethics for Software Professionals

The classic, landmark work on software testing The hardware and software of computing have changed markedly in the three decades since the first edition of The Art of Software Testing, but this book's powerful underlying analysis has stood the test of time. Whereas most books on software testing target particular development techniques, languages, or testing methods, The Art of Software Testing, Third Edition provides a brief but powerful and comprehensive presentation of time-proven software testing approaches. If your software development project is mission critical, this book is an investment that will pay for itself with the first bug you find. The new Third Edition explains how to apply the book's classic principles to today's hot topics including: Testing apps for iPhones, iPads, BlackBerrys, Androids, and other mobile devices Collaborative (user) programming and testing Testing for Internet applications, e-commerce, and agile programming environments Whether you're a student looking for a testing guide you'll use for the rest of your career, or an IT manager overseeing a software development team, The Art of Software Testing, Third Edition is an expensive book that will pay for itself many times over.

Test Automation using HP Unified Functional Testing (UFT) 11.5, is the first book released globally on HP UFT 11.5, which is the latest and enhanced version of the HP test automation tool, Quick Test Professional (QTP). This UFT book has been designed with the objectives of simplicity and ease of understanding. This book is recommended both for those who are beginning to learn test automation (using QTP) and for advanced automation users. Another major highlight of this book is that you will be learning on our custom developed web based application instead of windows based flight reservation application that comes by default with HP QTP/UFT. This application with enhanced test scenarios will bring you very close to real-time automation using HP

QTP/UFT. With author's huge experience as corporate trainer on HP QTP/UFT, this book follows a unique training based approach instead of a regular text book approach.

This book is open access under a CC BY license. The volume constitutes the proceedings of the 18th International Conference on Agile Software Development, XP 2017, held in Cologne, Germany, in May 2017. The 14 full and 6 short papers presented in this volume were carefully reviewed and selected from 46 submissions. They were organized in topical sections named: improving agile processes; agile in organization; and safety critical software. In addition, the volume contains 3 doctoral symposium papers (from 4 papers submitted).

Want to learn HP's new UFT API functionality as fast as possible? With the release of UFT API testing, I felt most people who were new to the product would be looking for a resource to help get them up to speed quickly. Also, I believe that with the industry-wide adoption of Agile's development process, the need for test automation engineers to understand and be able to create API level test has become critical. This book is what I wished I had when I first began using UFT API testing. I'm adopting a "hands-on" approach, and have tried to include practical examples and pithy explanations for all the concepts presented. This is not meant to be an exhaustive look at every aspect of UFT API but rather to serve as a quick-start workbook. Hopefully, this book will save you some time (and headaches) by painlessly getting you up to speed on UFT API testing. I've been using HP Service Test since its initial 11.0 release. There was little documentation and next to zero information on the web to help me get started. I decided to change that by regularly sharing information, including tips and tricks for service test and other automation tools, on my blog, http://www.joecolantonio.com.

The GOES-R Series: A New Generation of Geostationary Environmental Satellites introduces the reader to the most significant advance in weather technology in a generation. The world's new constellation of geostationary operational environmental satellites (GOES) are in the midst of a drastic revolution with their greatly improved capabilities that provide orders of magnitude improvements in spatial, temporal and spectral resolution. Never before have routine observations been possible over such a wide area. Imagine satellite images over the full disk every 10 or 15 minutes and monitoring of severe storms, cyclones, fires and volcanic eruptions on the scale of minutes. Introduces the GOES-R Series, with chapters on each of its new products Provides an overview of how to read new satellite images Includes full-color images and online animations that demonstrate the power of this new technology

Friends, counterparts, or enemies? An unlikely bond form between two men on separate journeys with a common goal. Erich is raised by the Council to destroy the leader of the nation of Meir while Nash is dispatched by Lugar, the ruler of Noyi, to kill the Council. These men meet on a crossroad to their destinies to discover they are pawns used by their governments to start a war of power. The alliances they form change the course of three kingdoms and force one to question can he kill the man he consider his friend, his counterpart…a brother.

This book is a hands-on tutorial guide to using BuddyPress.This book is great for designers and developers who are looking to learn how to develop BuddyPress themes. It's assumed that the reader has some understanding of Wordpress and is familiar with CSS and HTML.

Advanced UFT 12 for Test Engineers
CookbookPackt Publishing Ltd
This book explains the steps necessary to write
manual accessibility tests and convert them into
automated selenium-based accessibility tests to run
part of regression test packs. If you are searching a
topic on Google or buying a product online, web
accessibility is a basic need. If a web page is easier
to access when using a mouse and complex to
navigate with keyboard, this is extremely difficult for
users with disabilities. Web Accessibility Testing is a
most important testing practice for customers facing
web applications. This book explains the steps
necessary to write manual accessibility tests and
convert them into automated selenium-based
accessibility tests to run part of regression test
packs. WCAG and Section 508 guidelines are
considered across the book while explaining the test
design steps. Software testers with accessibility
testing knowledge are in high demand at large
organizations since the need to do manual and
automated accessibility testing is growing rapidly.
This book illustrates the types of accessibility testing
with test cases and code examples.
Python is an easy to learn, powerful programming
language. It has efficient high-level data structures
and a simple but effective approach to object-
oriented programming. Python's elegant syntax and
dynamic typing, together with its interpreted nature,

make it an ideal language for scripting and rapid application development in many areas on most platforms. The Python interpreter and the extensive standard library are freely available in source or binary form for all major platforms from the Python Web site, https: //www.python.org/, and may be freely distributed. The same site also contains distributions of and pointers to many free third party Python modules, programs and tools, and additional documentation. The Python interpreter is easily extended with new functions and data types implemented in C or C++ (or other languages callable from C). Python is also suitable as an extension language for customizable applications. This tutorial introduces the reader informally to the basic concepts and features of the python language and system. It helps to have a Python interpreter handy for hands-on experience, but all examples are self contained, so the tutorial can be read off-line as well. For a description of standard objects and modules, see library-index. reference-index gives a more formal de?nition of the language. To write extensions in C or C++, read extending-index and c-api-index. There are also several books covering Python in depth. This tutorial does not attempt to be comprehensive and cover every single feature, or even every commonly used feature. Instead, it introduces many of Python's most noteworthy features, and will give you a good idea of the

language's ?avor and style. After reading it, you will be able to read and write Python modules and programs, and you will be ready to learn more about the various Python library modules described in library-index. The Glossary is also worth going through.

The movement to privatize K–12 education is stronger than ever. Samuel Abrams examines the rise of market forces in public education and reveals how a commercial mindset that sidesteps fundamental challenges has taken over. Nevertheless, public schools should adopt lessons from the business world, such as raising teacher salaries to attract talent.

Agile Automation and Unified Functional Testing is a one-stop resource that explains all concepts, features and benefits of agile automation and UFT with real-time examples and their solutions. This book starts with test automation basics and subsequently moves to its advanced concepts such as test automation life cycle, test automation approach, and framework design. It has been designed to be a beginner's guide for new users, a companion guide for experienced users, and a reference guide for professionals preparing for interviews or certification examinations on test automation and UFT.

If you are a developer who wants to migrate from Selenium RC or any other automation tool to

Selenium WebDriver, then this book is for you. Knowledge of automation tools is necessary to follow the examples in this book.

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