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Uft api testing tutorial pdf

Welcome to Tutorial 2 in the series of UFT tutorials. In Tutorial 1: Getting Ready To Learn UFT, we started with the introduction to software testing and the need for software testing. We discussed automated software testing and when should we automate software testing. In this tutorial, we'll start with a detailed introduction to UFT. After downloading and installing UFT, we will discuss in detail various Windows shortcuts and Start Menu options available in UFT. This series of UFT tutorials is created for the latest version of UFT, which will be 15.0.1 starting nov. The tutorial is shown on the latest version of Windows, which from November 2020 is Windows 10. UFT 15.0.1 also works fine on earlier versions of Windows OS such as Windows 8.1/8/7. However, UFT 15.0.1 is not compatible with Windows XP. Introduction to UFT Unified Functional Testing commonly known as UFT is a functional testing tool from Hewlett Packard Enterprise (HPE). UFT can be used to test gui as well as API part of your application. The latest version of UFT is 15.0.1. Prior to UFT 11.50, there were two separate tools, HP QuickTest Professional (QTP) for GUI function testing, and HP Service Test for API functional testing. With the introduction of UFT 11.50, HP combined both tools and called the Combo Unified Functional Testing. The first set of these tutorials deals with the GUI test part of the UFT tool. In the second series, we'll learn more about API testing. Let's start by installing the UFT tool on your system. According to HPE, these are the minimum system requirements for UFT that you must have on your computer to install UFT. We recommend that you always have a better than the required minimum configuration. Computer/Processor: Dual Core CPUs or better operating system: Windows 7 SP1 (32 bit or 64 bit) memory: Minimum of 2 GB if no more than three add-ins are loaded at the same time. [Additional memory is required when you load more add-ins and when you use the Save Movie in Results option to record movies while sessions are running.] Color Settings: High Color (16 Bit) Graphics Card: Graphics Card with 64MB of Video Memory Free Disk Memory: 1 GB of free space for application files and folders. [You must also have an additional 120 MB of free space on the system disk (the disk on which the operating system is installed).] If you have already met the minimum requirements, download and install ufT in this article. Make sure you follow all the steps you need. Once UFT is installed, come back to follow the rest of the tutorial. UFT Desktop Shortcuts Once UFT is installed, you'll find these three shortcut icons on your desktop. The First Link - HP Unified Testing - launches the UFT tool on your system. The second link, Run Results Viewer, starts the Run Results Viewer on your system. While the execution results can be automatically set to open when a test is complete, you can also open The Execution Results. Open. with this link. The third link— Edge Agent for Functional Testing— would only be installed on Windows 10 computers. It will not be installed on Windows OS 8.1/8/7. If you want to test your applications in the Microsoft Edge browser, you should use this icon and not the default Edge browser icon on your Windows computer. In addition to the fact that UFT is not fully compatible with Edge as of September 2016, we strongly recommend that you use IE 11 to record and run your UFT tests. IE 11 exists, but hidden on all Windows 10 computers, use these instructions to make IE 11 a desktop shortcut on Windows 10. Let's learn more about the menu options available from the Windows Start menu. Once you click the Windows Startup logo and scroll up the Windows 10 Start menu, you'll find a folder named HP Software. Click on this folder and you will find several new menu items in it, as shown above. Let us go through each of these points one by one. Additional installation requirements: Additional installation requirements screen pop-up during the UFT installation time as well. The first two settings are enabled (and installed) by default, unless you disable them manually. Configure Internet Explorer settings: Enables the use of the browser extension from UFT in Internet Explorer. This is a must if you want to test your web applications for IE. Configure DCOM settings for ALM integration: If you need to run your scripts from the HPE ALM tool, you must enable this option. This option changes The DCOM permissions and opens a firewall port on your computer. Configure DCOM settings for automation scripts: If you need to control and run UFT installed on your computer from other computers, you must enable this option. This is done with the Automation Object Model. This is an advanced topic that we will learn in detail in the later tutorials. Downloading and installing Microsoft Script Debugger: This was a setting in earlier UFT versions. Because Microsoft removed the Microsoft Script Debugger utility from its location, HP removed the option from this screen. Until Microsoft resolves this issue, you must rely on other means to install this utility. Read this article on how and where to download MS script debuggers. API Test Builder Wizard: This is a wizard that allows you to generate API tests from your services. Edge Agent for Functional Testing: This is required if you want to test your web applications in the Microsoft Edge browser. as mentioned above windows 10 is the only operating system in which edge agent installs automatically Additional reading: All the information about Edge support with Windows 10 Flight API: This is a sample application provided by HPE for API testing. Flight GUI: This is a sample application provided by HPE for GUI testing. Credentials to sign in to this app are: username:john & password:HP Functional Testing License Wizard: Use this wizard to install and manage the seat license or the concurrent license on your computer. Here you will find detailed instructions for licenses in UFT. Hp Hp Player: UFT allows you to record, run sessions as video clips. These clips are stored as .fbr files. HP Micro Player is a standalone microplayer that lets you watch these movies. HP UFT Installation Validation Tool: Run this utility and click the Analyze button to get a complete inventory of the system settings required by UFT. Mercury Tours website: This is a link to web-based demo application provided by HPE. Runtime Engine Settings: The UFT Runtime Engine allows you to run UFT GUI tests, API tests, and business process tests on your computer without installing the entire UFT IDE. The Runtime Engine Settings dialog box allows you to import, export settings from/to a vbs file, reset to a factory default state, or change the settings individually. This engine does not require a separate license and is ideal for non-technical users of the product who only want to run previously developed UFT scripts. Test Batch Runner: This allows you to run multiple UFT tests in a single session. Use the Add Tests menu from the folder to add the tests and create a batch file. The batch files created in UFT are created with an extension .mtb This brings us to an end of UFT Tutorial Part 2. In this tutorial, we started with an introduction to UFT, covered various shortcuts on the desktop, and discussed various UFT options that appear in the Windows Start menu. In the next tutorial we will start the UFT tool for the first time and discuss in detail UFT add-ins and add-in managers. If you have any questions about what we have covered above, please let us know by comments section below. You can read the full set of UFT tutorials covered so far with the links below: we recommend you enter your name and email address below, and we'll make sure you send you an email as soon as the next tutorials are ready. If you want to track more articles about UFT (QTP). I recommend you subscribe by email and send new UFT items directly to your inbox. Perform API tests for each application with ease and efficiencyCreate 100 API tests for their applicationsUnderstand which API tests to create, when to create them. and How To Make Management HappyCan Create Automated API TestsCreate Checkpoints for Their API TestsSet Up Examples for Their API TestsUse Real Practice Examples for Their LearningCreate a UFT Solution and Nest UFT Tests in the Test the Very Popular REST Services Curated for the Udemy for Business Collection All and codes related to the entire course00:02Introduction to API testing with UFT02:26 Your automation tests are the focus?00:04How to run a quick API test in UFT02:10Create applications can communicate with each other, by using Xml03:31Some Important Points Related to the Tests APIs01:4402:4700:4700:32Intro to the next UFT Topics00:57UFT Properties00:57UFT Properties tab, Tab Inputs, Tab02:24UFT Canvas Range events, Test Settings tab, Test Input Output, Test Variable tab,01:52Allow an output of an action as input to another action02:02 Action02:02 Third step, running the test and reviewing the results02:24Linking the report message to various dynamic variables00:32Exit statements before digging in Web services tests00:25Introduction to the next topics for UFT02:01All URIs and WSDLs used in this course :20SOAP Web Services and WSDL01:59Start to test Web services through positive test cases01:59Generating a positive Web service test02:12Test Web services, by ensuring that they are the expected end user01:18Test Web Services01:18Test Web Services By testing their performance00:51Test web services by making sure that that unexpected loads can be handled0:54Test web services through negative scenarios1:51How to set up a checkpoint in an API test0:03Perform an HTTP test in UFT and run it0:26Breaking Down 3 parts of an Http request0 3:16Possible options of http request02:26Testing HTTP Status Codes05:16Exit instructions to HTTP Requests02:52Some learning notes on Unified Functional Testing03:37The disadvantages of Soap Web Services03:14 TestingSoap Soap Is on the decline , Restful Testing is the Future03:39Introduction to Rest APIs02:22Looking At 1 Rest Service02:53A 3. 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Do you know why? Did you know that automation testing with the API quickly becomes one of the most sought-after capabilities of quality assurance? If you want to increase your skill level, have job security, increase your pay and become one of the most sought-after QAs on the market, you MUST learn API testing. You can master anything to make you phenomenal here! This is the most comprehensive API testing tutorial with Unified Functional Testing (UFT) on the web. The course will teach you EVERYTHING you need to know to test APIs automatically. GUARANTEE or your money back! Here's what you'll learn: - You'll master basic API testing skills that you can apply manually or through automation tests. Take these skills to any job and use them with any tool. - You will learn what Unified Functional Testing is and its new design - you will learn what an API is - you will master how to create different actions and set checkpoints in UFT. - You will learn the different types of APIs and how to test them. - Learn why API testing is so important to you to master. - You use Unified Functional Testing to perform automation testing of APIs. - You create your own solutions in and pack them with tons of API tests to impress your bosses. - You get the testing progression cycle, which teaches you which tests you need to create and when. This API testing progression has been collected through 1000 hours of work to and make automation testing of APIs a breeze. - You will learn how to take the testing progression cycle to your work and use it now! - You will learn when automated regression tests, automated smoke tests, automated integration tests and more need to be performed - you will never be lost and will no longer be able to recreate an automated API test. With this knowledge you will produce extremely high quality applications for your employer and get the top paying positions - you will see real examples, not just theory bonuses: - you will learn about a free API testing tool that you can use immediately - Ebook on 5 steps to create the perfect automation testing scripts.- You get real test cases for test APIs that we have actually developed at our jobs- You get access to 100s of free videos to help you To master other aspects of automation testing - get access to the most comprehensive software testing blog on the web - get the most thorough understanding of how to test APIs - During the course you will learn amazing tips and tricks to give you an overall better QA Engineer Access to the Keyword Driven Framework, which has been developed over 10,000 hours of automation testing. You'll never have to waste your time on another course for API testing. Whether you want to do this manually or through automation, this course gives you the skills you need to succeed. This course will make you a real expert with UFT. However, if you add your skills to another tool like Selenium, Watir, TestStudio... You can! This course gives you the basic understanding of working in any environment. Here's what our students say: The best tutorials I've ever seen, just awesome. I tout my hat in front of you, you are a beautiful professor, I am speechless to express how satisfied I am with these tutorials. -Lisbey I don't know much about QTP. But I love the way you teach. I am a beginner of QTP. I'm very excited to see all your videos. Just keep the good work. And finally, it's excellent. -SrikanthGreat video I've ever seen on YouTube. They are so clear and honest in the presentation of the material. I had no idea how important it is to use QTP from different angles, i.e. via scripting. Great work and thanks so much! -Mohammed And if you are not 100% satisfied, you can get a full refund within 30 days of your purchase! They have absolutely nothing to lose. All Level QA Engineers who test API tests with Unified Functional Testing Master WillIndividuals who spice up their Resumes and experience with API tests who want to advance in the software testing industryIndividuals who are looking for job security as QA engineersIndividuals who want to be ready for future IT technologiesAnyone who simply wants to become a better QA Engineer Software Development Engineer in the test when trying to enter the IT industry I I out of nowhere. I had no background in IT and no Bachelor of Computer Science. I learned everything on my own through research and practice using the information I found online. It was by no means an easy process. Many of the courses and tutorials on QTP/UFT online were either outdated or did not give a clear and concise explanation of the concepts they taught. When I first started working as an automation engineer at QTP, I was surprised at how different the practice was in the real world. Thousands of hours later, I decided to start a company that teaches automation testing in the right way, the right way, the efficient way. I wanted to take all my knowledge, all my mistakes and mistakes and all my professional experience with me and create courses. Courses that would teach people the right way to automate software. I wanted to make sure my students didn't waste time using useless or outdated techniques (such as Keyword Driven Frameworks). I'm just teaching what works in the industry today and what will work in years to year. I want to cut the learning curve for my students and only teach them the information they're actually going to use. Use.

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