

Automation Planner is an innovative tool-suite that helps you manage, design and control your test automation execution using the Keyword Driven Testing approach



What is Automation Planner?

Automation Planner is a suite of tools that create a Keyword Driven Testing Framework, which makes the creation of automated test cases easy. It allows every tester to plan, design and execute test automation scripts and guarantees the test automation success. Automation Planner is integrated with all leading tools such as QTP, TestPartner, Test Complete and more which carry out the actual automated script execution.

Save Money

Automation Planner can save more than 50% of the test automation cost and more than 70% of the total test costs by eliminating the need to create manual tests and then convert them to automated scripts. It also reduces communication problems between test automation teams and functional testers.

Almost Risk Free Automation

As part of a comprehensive process provided by QualiTest, the Automation Planner decreases risks involved in test automation implementation. The process begins with evaluation, carried out with the customer and continues with professional services for KDT infrastructure implementation. QualiTest also provides documentation, training, functional test engineers and support to ensure the process success.

Main Features

Design keywords to reflect business processes

Design Test Cases using either specific GUI objects, Pre-defined keywords or pre-defined functions with no code knowledge required

Define default parameters for each keyword. Allow testers to change parameters based on the test context

Execute tests using either Automation Planner Runner or export tests and execute from a test management tool (such as HP QualityCenter)

Export reports to existing test management tool or using HTML based reports

InUse	Step No	Description	Expected Result	Step Type	Item ID	Operation	Parameters	Output
<input checked="" type="checkbox"/>	1	Open Flight Application		Function		OpenFlightApplication		
<input checked="" type="checkbox"/>	2	Perform Login	Agent logged in successfully	Sequence		Login.xls	<AgentName>=""<AgentName>	
<input checked="" type="checkbox"/>	3			Item	FlightReservation (Window)	Activate		
<input checked="" type="checkbox"/>	4	Set Date of flight		Item	FlightDate (Edit)	Set	"<FlightDate>"	
<input checked="" type="checkbox"/>	5	Set Fly From		Item	FlyFrom (ComboBox)	Select	"<FlyFrom>"	
<input checked="" type="checkbox"/>	6	Set Fly To		Item	FlyTo (ComboBox)	Select	"<FlyTo>"	
<input checked="" type="checkbox"/>	7	Press on "Flights..." button		Item	FLIGHT (Button)	Click		
<input checked="" type="checkbox"/>	8		Flights Table is opened	Item	FlightsTable (Dialog)	Activate		
<input checked="" type="checkbox"/>	9	Select 1st available flight		Item	Flights (List)	Activate	"#1"	
<input checked="" type="checkbox"/>	10		Flights Table is closed	Item	FlightReservation (Window)	Activate		
<input checked="" type="checkbox"/>	11	Set passenger name		Item	Name (Edit)	Set	"<PassengerName>"	
<input checked="" type="checkbox"/>	12	Choose Business class		Item	Business (RadioButton)	Set		
<input checked="" type="checkbox"/>	13	Perform Order		Item	InsertOrder (Button)	Click		
<input checked="" type="checkbox"/>	14	Wait few seconds		Function		Waiting	"5"	
<input checked="" type="checkbox"/>	15		Order is done	Item	Notification (ActiveX)	VerifyValue	"Insert Done...";"False"	
<input checked="" type="checkbox"/>	16	Get order number	Order Number is saved in <OrderNum> parameter	Item	OrderNo (Edit)	GetValue		<OrderNum>

"D:\Documents and Settings\verniv\Desktop\FlightApplication_OrderFlight.xls" was successfully loaded

Applications

Automation Planner is consisted of several applications:

- Automation Planner Designer takes out the business-logical layer apart from the test automation programming work. This allows functional testers and other subject matter experts to create and maintain automated test cases with no programming knowledge required. Automation Planner Editor allows the functional testers to create test cases either by adding an "Item" step that performs atomic operation on application UI (User Interface) controller (Example: enter "John" in "First Name" field) or by calling "Function" step that calls that calls to a sequence of tests (Example: "Create New Customer").
- Automation Planner Engine includes the main mechanism that executes each step in the test case. Automation Planner engine input contains the test case steps (that was generated by Automation Planner Editor). The engine follows each step, translate the step to a executable command and execute the command on the AUT (Application under Test).
- Automation Planner Runner allows the users to select which tests to execute, define the executing machine in which machine the test is going to be executed and control the test execution status.
- AP2QC allows the organization a full integration with QualityCenter. All steps can be exported to Quality Center and executed from QualityCenter Test Lab.



Keyword Driven Testing (KDT)

Keyword Driven Testing is a test design methodology that bridges the gap between the test automation team, testers and subject matter experts involved in the testing process. It allows every team member to design, build and execute test automation scripts without the need for programming skills.

Main Benefits

No code knowledge required.

Every tester can plan and execute automation test cases.

Integrated with leading testing tools like: QC, QA Director and TestManager.

Reduce your automation test time by 50%.

What our customers say-

"QualiTest delivered a working system in just 3 months. Furthermore, QualiTest Automation Planner enables our entire testing team to write automation tests. The result is a highly efficient process that has reduced our testing cycle time and improved the Test Automation ROI" said Eran Nadir Test Center Manager, Objet Geometrics

Think Globally ■ Test Locally

QualiTest is a leading global provider of Quality Assurance and Software Testing services. QualiTest employs over 800 testing professionals in 11 countries, serving global Fortune 500 companies and many other large organizations. QualiTest's services enable its customers to build and maintain a leadership position in the QA and testing process. QualiTest uses its deep industry knowledge to put your company on top - and its proven track record of consistent and successful delivery keeps you there.

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