CD SWAT



DevTest 9.5.1

How-To

DevTest ALM Integration

Prepared by: Date:

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Table of Contents

DevTest – ALM Prerequisites Choosing an installer	3 3
DevTest – ALM Integration Setup	4
Devtest Connection properties	
Verification of the install	6
Setup of Tests in ALM	7
Defining test under Test Plan	7
Defining Test Set under Test Lab	11
Viewing the Test Runs	13

DevTest – ALM Prerequisites

Choosing an installer

				The installer for ALM integration with DevTest are present inside Lisa Root \rightarrow addons \rightarrow qc folder. Here, we have three installers. Depending on the version of HP ALM / HP QC and whether it is 32 bit or 64 bit, you can choose the installer.
	Application Tools		qc	For HP ALM 12.2 or 12.5 we can choose the DevTestALMPlugin-x64 (64 bit) and DevTestALMPlugin-x86 (32 bit). (DevTest 9.1 and later) For older versions, we can use td_plugin installer.
File Home Share View ← → ↑ ↓ This PC → lodd	Manage lisk1 (C:) > DevTest9.5.1 > addo	nr. h. or		Pre requisites can be found below.
News	A A A A A A A A A A A A A A A A A A A	Date modified Type	Size	ALM
X Favorites	stALMPlugin-x64	7/19/2016 11:30 PM Application	2,272 KB	https://docops.ca.com/devtest-
🗼 Downloads 🛛 😹 DevTes 🔄 Recent places 🛛 😹 td_plug	stALMPlugin-x86	7/19/2016 11:30 PM Application 7/19/2016 11:30 PM Application	2,224 KB 2,442 KB	
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				migrating/installing/installing-
				integration-tools/install-the-hp-
				alm-quality-center-plug-in
				Contact CA Support Online
				The plugins as delivered with
				DevTest 9.1.0 and 9.5.1 GA need to
				be updated so please open a new
				case on CA Support Online to get
				the latest version

DevTest – ALM Integration Setup

Install4j Wizard - C DevTest ALM Plugin is preparing the install4j Wizard which will guide you through the rest of the setup process. Cancel	For the purpose of the document, we chose the 64 bit ALM installer. The installation will be as given below.
 Setup - DevTest ALM Plugin 9.5.1 (build 9.5.1.3) DevTest ALM Plugin Statup Wizard This will install DevTest ALM Plugin on your computer. The wizard will lead you step by step through the installation. Click Next to continue, or Cancel to exit Setup. 	The installation wizard home screen is as given below.
Setup - DevTest ALM Plugin 9.5.1 (build 9.5.1.3) - Select Destination Directory Where should DevTest ALM Plugin be installed? Select the folder where you would like DevTest ALM Plugin to be installed, then click Next. Destination directory ChevTest 9.5.1 Browse Required disk space: 3.6 MB Free disk space: 38 GB install4j Mext >	We can select the directory where we would like to install the plugin as shown in below screen.

Devtest Connection properties

Setup - DevTest ALM Plugin 9.5.1 (build 9.5.1.3) DevTest Connection Properties Setup connection properties for DevTest environment Devtest Registry Host 1ocalhost Port Number 1505 Username actmin Password Select protocol http Coordinator Install4j Registry Host Cancel	In the below setup screen, provide the DevTest Connection properties. DevTest Registry Host – Host name where the Registry will run Port Number – Port number on which Registry service will run Username – User name for the DevTest connection Password – Password corresponding to the DevTest user name Protocol – Select the protocol used for communication Coordinator – The name of Coordinator server
Setup - DevTest ALM Plugin 9.5.1 (build 9.5.1.3) Completing the DevTest ALM Plugin Setup Wizard Setup has finished installing DevTest ALM Plugin on your computer. The application may be launched by selecting the installed icons. Click Finish to exit Setup. Installed Completing the DevTest ALM Plugin on your computer. The application may be launched by selecting the installed icons. Installed Completing the DevTest ALM Plugin on your computer. The application may be launched by selecting the installed icons. Installed Completing the DevTest ALM Plugin on your computer. The application may be launched by selecting the installed icons. Installed Completing the DevTest ALM Plugin on your computer. The application may be launched by selecting the installed icons. Installed Completing the DevTest ALM Plugin on your computer. The application may be launched by selecting the installed icons. Installed Completing the DevTest ALM Plugin on your computer. The application may be launched by selecting the installed icons. Installed Completing the DevTest ALM Plugin on your computer. The application may be launched by selecting the installed icons. Installed Completing the DevTest ALM Plugin on your completing the installed icons. Installed Completing the DevTest ALM Plugin on your completing the installed icons. Installed Completing the DevTest ALM Plugin on your completing the installed icons. Installed Completing the DevTest ALM Plugin on your completing the installed Completing the installed icons. Installed Completing the DevTest ALM Plugin on your completing the installed Completing the installed Completing the installed icons. Installed Completing the installe	After this, the installer will continue as shown below and we can see the finish screen.

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 ★ Favorites ■ Desktop ▶ Downloads ♥ This PC ■ Desktop Poestrop Pocuments > Downloads > Music ■ Pictures ■ Videos ■ Ioddisk1 (C:) Network 	Name DevTestConnection.properties	Date modified 8/3/2016 3:39 PM	Type PROPERTIES File	Size 1 KB	The connection information that we entered during the install gets stored under the Lisa Root → alm-plugin folder as shown below. This file will contain the connection settings; we can edit this file to change the connection settings as shown.
File Edit Format View Held [t_hostname=localhost dt_username=admin dt_part=1566 dt_scheme=http dt_coordinator=Coordin	wClD7Uc6vye1R0jA8xTlVg==	DevTest	Connection - Notepa		

Verification of the install

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Recent places	libjniwrap.jnilib	7/19/2016 11:28 PM	JNILIB File	151 KB	
and the set of process	📄 libjniwrap.so	7/19/2016 11:28 PM	SO File	25 KB	In the Lisa Root \rightarrow bin folder,
💻 This PC	libjniwrap64.so	7/19/2016 11:28 PM	SO File	48 KB	
	🚳 lisaenv	7/19/2016 11:28 PM	Windows Batch File	5 KB	need to verify if we can see the fil
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\rm Downloads	InstallationUtility	7/19/2016 10:32 PM	Application	18 KB	
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崖 Pictures	devtestALMPlugin.dll.config	7/19/2016 10:32 PM	CONFIG File	2 KB	5
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📃 Recent places	LICENSE	7/19/2016 11:28 PM	Text Document	85 KB
	📄 script_template_js	7/19/2016 10:32 PM	Text Document	1 KB
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🍺 Documents				
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📔 Videos				
📥 loddisk1 (C:)				
辑 Network				

The next thing to verify is to see if the script templates have been generated under Lisa Root → doc folder. The files will be script_template_js.js and script_template_vbs.vbs

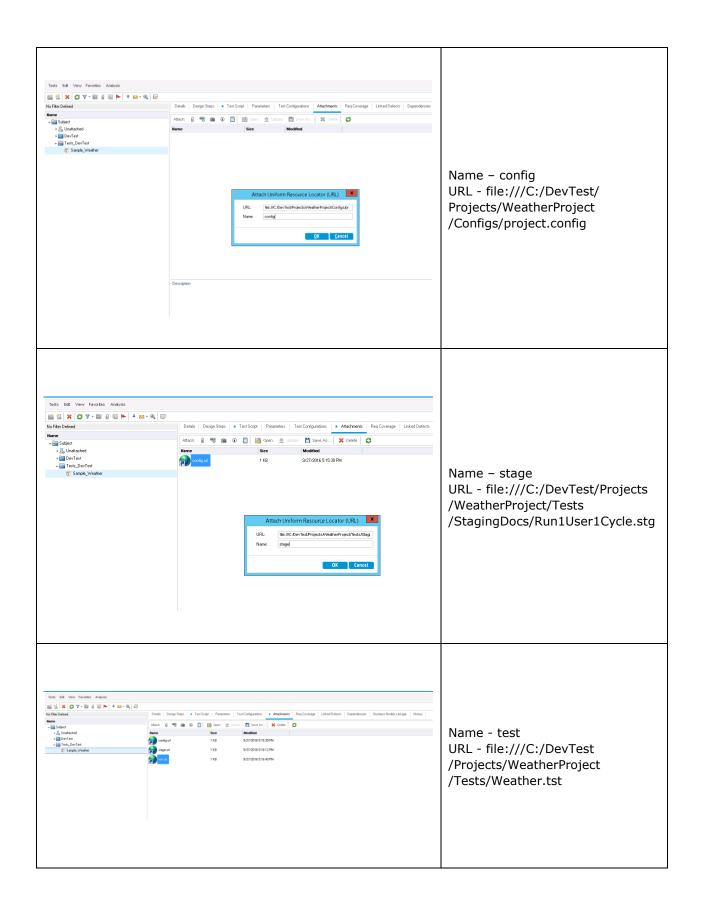
Setup of Tests in ALM

Defining test under Test Plan

	Once these things have been verified, we can start executing tests using the DevTest ALM integration as shown below.
	In ALM, Test Plan, create a new Test following the steps below.
New Test Image: Constraint Values Image: Weather • Type Image: Creation Date: • Type Image: Creation Date: • Designe: Statuchments Designe: Image: Description Comments Image: Description Comments	In ALM, New Test screen, select type as 'VAPI-XP-TEST' and enter other details like Test Name.

Note: You can creat Create a HP Loss Create a HP Loss Perents Common Analysis Common A	Visionpt script Anner Vuser (virtual user). ae virtual users only if you are working with VBScript or JScript. adRunner Vuser <	In the VAPI-XP Wizard, we can select the script language of our choice (either Java script or VBScript).
	Ioddiki (CG) + DevTest + doc * Date modified Type Size perfuendooc 7/19/2016 11:30 PM Compressed Opp 321 KB perfuendooc 7/19/2016 11:30 PM PROPERTISS He 1 KB CEN/SE 7/19/2016 11:30 PM PROPERTISS He 1 KB perfuendooc 7/19/2016 11:30 PM Text Document 15 KB pript_templete_jis 99/27/2016 11:30 PM Text Document 1 KB pript_templete_yis 92/27/2016 11:30 PM Text Document 1 KB pript_templete_yis 92/27/2016 11:30 PM Text Document 1 KB pript_templete_yis 92/27/2016 11:30 PM Compressed Opp 1,137 pript_templete_yis - Notepad Edit format Virew Help Script_template_yis- Notepad	choose, we need to go to the doc folder and copy the contents of
pub	On Erron Resume Next TDDutput.Clear	file. Based on whether we chose

Tatil: Edit: View Fanodata Analysis Sec: Sec: Sec: Sec: Sec: Notifies Sec: Sec: Sec: Sec: Sec: Sec: Sec: Sec: Sec: Sec: Sec: Sec: Sec: Sec: Sec:	Image Dece Image D	Once we copy the script, we need to paste it in the test case under the Test Script tab (After clearing the default script that is present in the test case) as shown below.
∩ Dashboard × ぱ Management × ⊠ Requirements × ∴ Testing × ఁã TestResources	e Management sts Est View Favorites Analysis St X O Y - D 0 0 → X 00 - 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Next, we need to go to attachments tab and add 3 URL attachments as shown below.
		For the purpose of the demo, we have added the below attachments with corresponding names as given below.



Defining Test Set under Test Lab

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Test Sets Edit View Tests Favorites Analysis	Details Attachments Live Analysis	
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	Attachments	Once the url have been defined,
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► Run All E Run III Stop All	
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E Brake Log	
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✓ Run All Tests Locally	
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	shown below after connecting to
inning <[1]Sample_Weather> in <sample devtest=""> test set.</sample>	shown below after connecting to the host on which to run the test
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Test Name	Run on Host	Status		
🎁 [1]Sample_Wea	ather 📃 SURS	🗸 🗸 Passed		
				In case the test fails, we can see
				detailed error in the log file (alm-
				devtest.log) under Lisa Root \rightarrow
				alm-plugin folder.

Viewing the Test Runs

details of the tests that got staged via ALM and we can generate the required reports for the executions in DevTest via portal, which offers a number of	pplication Life	ecycle Manageme													-	Logo	
In ALM, under Test Runs, we can see the list of the tests that got staged via ALM and we can generate the required reports for the executions in DevTest via portal, which offers a number o reports out of box for the users	$\langle \rangle$	Text Ranz Edit View	Acalysis														
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