



BRIDGE:training

BRIDGE:test Automated Regression Testing (Advanced)

Course Overview

BRIDGE:test Automated Regression Testing (Advanced) is intended to provide a deep knowledge of the advanced test creation and scripting capabilities of BRIDGE:test. It assumes some programming knowledge as manual manipulation of scripts is used to achieve the most advanced level of test automation. In addition, advanced screens comparison techniques and data-driven testing will be taught. Courses are given at customer locations.

Course Objectives

- To understand RTM (Regression Test Manager) scripting
- To be able to create RTM scripts
- To be able to modify RTM scripts
- To be able to debug RTM scripts
- To be able to perform results comparison using XML and RTM
- To be able to perform ATM recovery using scripting
- To be able to simulate device faults in scripts
- To have an understanding of advanced RTM scripts and their benefits

Course duration

- 3 – 4 days

Course attendee pre-requisites

- BRIDGE:test 2091 – User Training
- BRIDGE:test 2092 – Automated Regression Testing (Introductory)

Course size

- 1 – 5 people

Course location and equipment requirements

- All courses are delivered on site
- Projector (minimum of 1, preferably 2)
- PC/Laptop for each participant (will be loaded with BRIDGE:test and VMware, prior to training), for practical exercises

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www.levelfour.com
enquiries@levelfour.com

Day One

The following is a guideline running order for the course contents.

Unit	Name	Duration
	Welcome	
	<ul style="list-style-type: none"> • Introductions 	
1	Introduction to scripting	1.5 hours
	<ul style="list-style-type: none"> • Script structure 	
	<ul style="list-style-type: none"> • Using variables 	
	<ul style="list-style-type: none"> • Expressions 	
	<ul style="list-style-type: none"> • Flow control statements 	
Break		
	Introduction to scripting	1.5 hours
	<ul style="list-style-type: none"> • Loop statements 	
	<ul style="list-style-type: none"> • Working with events 	
	<ul style="list-style-type: none"> • A sample script 	
	Practical Sessions covering:	1.5 hours
	<ul style="list-style-type: none"> • Script creation 	
	<ul style="list-style-type: none"> • Variable usage 	
	<ul style="list-style-type: none"> • Using expressions 	
Break		
	Practical Sessions covering:	1.5 hours
	<ul style="list-style-type: none"> • Using flow control 	
	<ul style="list-style-type: none"> • Creating looping structures 	

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Day Two

Unit	Name	Duration
1	Scripting Environment	1.5 hours
	<ul style="list-style-type: none"> • System architecture 	
	<ul style="list-style-type: none"> • Object environment 	
	<ul style="list-style-type: none"> • Object inspectors 	
	<ul style="list-style-type: none"> • Event handling 	
Break		
2	Working with scripts	1.5 hours
	<ul style="list-style-type: none"> • Creating a script 	
	<ul style="list-style-type: none"> • Analyse an RTM generated script 	
	<ul style="list-style-type: none"> • Editing and compiling scripts 	
	<ul style="list-style-type: none"> • Running scripts 	
	<ul style="list-style-type: none"> • Debugging scripts 	
	Practical Session covering:	
	<ul style="list-style-type: none"> • Creating and editing scripts 	
	<ul style="list-style-type: none"> • Compiling scripts 	
	<ul style="list-style-type: none"> • Running scripts 	
	<ul style="list-style-type: none"> • Debugging scripts 	
	Question & Answer Session	
Lunch		
3	Script development	1.5 hours
	<ul style="list-style-type: none"> • Working with Variables 	
	<ul style="list-style-type: none"> • Using objects 	
	<ul style="list-style-type: none"> • Built in functions 	
	Practical Session covering:	
	<ul style="list-style-type: none"> • Using variables 	
	<ul style="list-style-type: none"> • Using Objects and functions 	
	Question & Answer Session	
Break		

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Day Two continued...

Unit	Name	Duration
3	Script development	1.5 hours
	<ul style="list-style-type: none">• Working with events	
	<ul style="list-style-type: none">• Internal and external Procedures	
	Practical Session covering:	
	<ul style="list-style-type: none">• Event handling	
	<ul style="list-style-type: none">• Creating internal and external procedures.	

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