Using Quality Center 9.2

Course Setup Instructions



This document contains system and software requirements required for this training and setup instructions. Please return the completed and signed checklist to HP. See last page for full return instructions.

Important Note:

This training runs under the following operating systems:

- Windows Server 2003 with Service Pack 1 Standard/Enterprise Edition
- Windows 2000 Server with Service Pack 4

Courses This Document Supports:

1. Using Quality Center 9.2 (Book Version: QC92U-S-01B)

Minimum system requirements for each machine:

CPU: Pentium® 4
Memory: 1 GB minimum

Disk Space: 3 GB

J2EE App Server - One of the following

- JBoss 4.0 (included with Quality Center)
- WebLogic 8.1.5

Web Server - One of the following

- IIS 5.0/6.0
- Apache 2.0.54
- JBoss 4.0
- Weblogic 8.1.5

Database - One of the following

- Oracle 9.2.0.5 Enterprise Edition
- Oracle 10.0 g Release 1 or 2 Standard/Enterprise Edition
- MS/SQL Server 2000 Standard/Enterprise Edition

Quality Center 9.2 (with license)

Browser - One of the following

- Microsoft Internet Explorer 6.0 with Service Pack 1
- Quality Center Explorer

QuickTest Professional 9.2 (with license)

LoadRunner 8.1 with Service Pack 4 (with license)

Microsoft® Word 97 or higher

Microsoft® Excel 97 or higher

Microsoft Word Add-in for Quality Center

Microsoft Excel Add-in for Quality Center

Microsoft ® PowerPoint ® 97 or higher

HP fonts (for slides)

QC92Using-SetupFiles-01A.zip (contains the LoadRunner and QuickTest Professional test scripts)* QC92Using-Training-01A.zip (contains the exercise files)*

* The QC92Using-SetupFiles-01A.zip and QC92Using-Training-01A.zip files should be downloaded from the Education Services web site at http://www.merc-training.com. Select "Current Courses" to find the download link. No password is necessary.				
CHECK LIST Please check each item that you have available for this training:				
☐ Received Quality Center 9.2 for installation on CD				
☐ Downloaded QC92Using-Training-01A.zip (contains exercise files)				
☐ Downloaded QC92Using-SetupFiles-01A.zip (contains the QuickTest Professional and LoadRunner test scripts)				

NOTE: Microsoft Debugger files can be downloaded from this link: http://www.microsoft.com/downloads/results.aspx?productID=&freetext=script+debugger&DisplayLang=en
Files to be downloaded may be obtained from the Education Services Web site at: http://www.merc-training.com . Select "Current Courses" to find the download link. No password is necessary.
Other Software Required: ☐ Zip utility software like WinZip or PKZip (required to unzip training files.)
Operating System: Which Windows platform do you intend to use in this training? Windows
Version of Quality Center used: Please confirm which version of Quality Center you installed: Quality Center
NOTE: Files to be downloaded may be obtained from the Education Services web site at http://www.merc-

training.com. Select "Current Courses" to find the download link. No password is necessary.

Checklist and Training Setup Instructions

For this class, the instructor and each student has an individual copy of Quality Center. The instructions below should be followed for each machine that will be used in the class.

All installations require Administrative privileges.

Please check each item below when complete:

A. 0	A. QUALITY CENTER INSTALL					
	1. Install Quality Center.	 This course requires that Quality Center must be installed. A basic installation of Quality Center should be performed per the product installation guide. This installation must be done with Administrative Privileges. Download and install the QuickTest Professional Add-in for Quality Center from the Quality Center Add-Ins page. 				

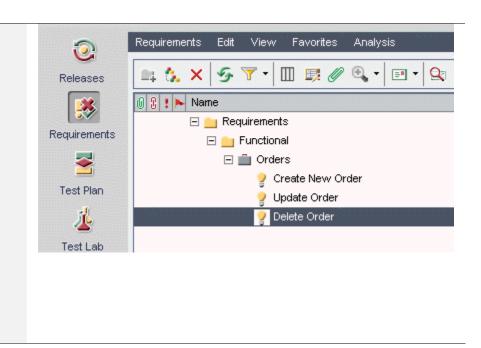
B. PROJECT SETUP 1. Launch Quality Center (standard URL format is http://<Quality 1. Create the training user account. Center server name>:<port>/qcbin). All lab exercises in this course will have students log in using the training 2. From the Quality Center login page, click Site Administration. This user account and welcome password. opens the Site Administration login page. 3. Enter the User name and Password. 4. Click the Login button. 5. On the Site Administration page, click the **Site Users** tab. 6. Click the **New User** button. This opens the New User dialog box. 7. Enter User Name as **training** and click **OK**. 8. Under the Site Users tab, all the users are listed. Select **training**. 9. Click the **Password** button that appears on the right side of the screen, below the DB Servers tab. The Set User Password dialog box appears. 10. Enter **welcome** in the New Password and Retype Password fields. 11. Click OK. On the Site Administration page, click the Site Projects tab. 2. Create the TRAINING domain 2. On the Site Projects tab, click **Create Domain**. 3. In the Domain Name field, type **TRAINING** and click **OK**. 1. From the Site Project list, select the **TRAINING** domain. 3. Create the FlightApplication project. 2. Click Create Project. Select the Create an empty project option and click Next. In the Project Name field, type **FlightApplication**. 5. Verify the database server log on credentials and click **Next**. 6. Add the **training** user to the Project Administrators list and click Next. 7. Ensure that the Activate Project check box is checked and click Create. 8. Log off from Site Administration.

- 4. Add automated tests to the test plan tree.
- 1. Log on to the FlightApplication project in the TRAINING domain by using the **training** username and the **welcome** password.
- 2. Navigate to the Test Plan module.
- 3. In the test plan tree, create a folder with the name Automated Tests.
- 4. Unzip the QC92Using-SetupFiles-01A.zip file. The file contains the Book_Flight_QTP.zip (QuickTest Professional test script), Book_Flight_Scenario.zip (LoadRunner Scenario script), and Book_Flight.zip (LoadRunner Test Script).
- To copy the Book_Flight_QTP test script to the Book Flight test in the Test Plan module:
 - a. Launch QuickTest Professional.
 - b. Unzip the Book_Flight_QTP.zip folder and open the test in QuickTest Professional.
 - c. From the QuickTest Professional menu bar, select File →
 Quality Center Connection to open the Quality Center
 Connection dialog box
 - d. Connect to the Quality Center server by using the **training** username and **welcome** password to connect to the FlightApplication Quality Center project in the TRAINING domain.
 - e. After the connection is established, close the Quality Center Connection dialog box.
 - From the menu bar, select File → Save As to save the test in the Automated Tests folder in the Test Plan module with the name Book Flight.
 - a. Close QuickTest Professional.

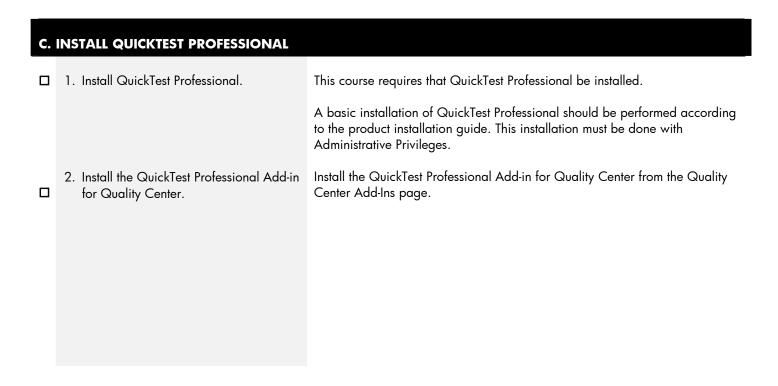
- 6. To copy the Book_Flight LoadRunner test script to the Book Flight Scenario test in the Test Plan module:
 - a. Launch LoadRunner Virtual User Generator.
 - Unzip the Book_Flight.zip folder and open the test in Virtual User Generator.
 - c. From the menu bar, select Tools → Quality Center Connection. The Quality Center Connection dialog box appears.
 - d. Connect to the FlightApplication Quality Center project in the TRAINING domain by using the **training** username and **welcome** password.
 - e. After the connection is established, close the Quality Center Connection dialog box.
 - f. From the menu bar, select File → Save As to save the test in the Automated Tests folder with the name Book Flight Script.
- 7. To copy the Book_Flight_Scenario test script to the Book Flight Scenario in the Test Plan module:
 - a. Launch LoadRunner Controller.
 - Unzip Book_Flight_Scenario.zip and open the scenario in LoadRunner Controller.
 - c. From the menu bar, select Tools → Quality Center Connection. The Quality Center Connection dialog box appears.
 - d. Connect to the FlightApplication Quality Center project in the TRAINING domain by using the **training** username and **welcome** password.
 - e. After the connection is established, close the Quality Center Connection dialog box.
 - f. From the menu bar, select File → Save As to save the test in the Automated Tests folder with the name Book Flight Scenario.
 - q. Close the LoadRunner Controller.

5. Add requirements to the requirements tree.

- 1. Navigate to the Requirements module.
- Select the Requirements folder and on the toolbar, click the New Folder button. The Create New Requirement Folder dialog box appears.
- 3. In the Create New Requirement Folder dialog box, in the Folder Name field, type **Functional**.
- 4. Click **OK** to close the Create New Requirement Folder dialog box.
- On the toolbar, click the **New Requirement** button. The Create New Requirement dialog box appears.
- 6. In the Create New Requirement dialog box, from the Requirement Type list, select **Business**.
- 7. In the Requirement Type field, type **Orders**.
- 8. Click **OK**. The New Requirement dialog box appears.
- 9. From the Priority list, select **4-Very High**.
- 10. Click Submit.
- 11. Click **Close** to close the New Requirement dialog box.
- 12. On the toolbar, click the **New Requirement** button. The Create New Requirement dialog box appears.
- 13. In the Create New Requirement dialog box, from the Requirement Type list, select **Functional**.
- 14. In the Requirement Name field, type **Create New Order**.
- 15. Click **OK**. The New Requirement dialog box appears.
- 16. In the New Requirement dialog box, from the Direct Cover Status and Priority lists, select **No Run** and **4-Very High**, respectively.
- 17. Click Submit.
- 18. Click Close.
- 19. From the requirements tree, select **Orders**.
- 20. On the toolbar, click the **New Requirement** button. The Create New Requirement dialog box appears.
- 21. In the Requirement Type list, ensure that Functional is selected.
- 22. In the New Requirement dialog box, in the Name field, type **Update Order**.
- 23. Click **OK**. The New Requirement dialog box appears.
- 24. From the Direct Cover Status and Priority lists, select **No Run** and **3-High**, respectively.
- 25. Click Submit.
- 26. In the New Requirement dialog box, in the Name field, type **Delete Order**.
- 27. In the Requirement Type list, ensure that Functional is selected.
- 28. From the Direct Cover Status and Priority lists, select **No Run** and **3-High**, respectively.
- 29. Click Submit and click Close.



On All Student Machines:



D. INSTALL LOADRUNNER

1. Install LoadRunner. This course requires that LoadRunner be installed. A basic installation of LoadRunner should be performed according to the product installation guide. This installation must be done with Administrative Privileges. 2. Configure Xitami Web Server 1. Start the Xitami Web Server: Start > Programs > Mercury LoadRunner > Samples > Web > Start Web Server 2. Right click the Xitami Web Server Icon in the Task Tray 🚨 and select Properties. 3. In the Properties dialog, check the box next to "Autorun on Login" 4. Click Close. 3. Verify that you are able to invoke the 1. Log on to the FlightApplication project in the TRAINING domain by QuickTest and LoadRunner test scripts using the **training** user name and the **welcome** password on a from the all the student machines. student machine. 2. Navigate to the Test Plan module. 3. Verify that you are able to use the test scripts for the Book Flight (QUICKTEST_TEST) and Book Flight Performance (LR-SCENARIO) tests from two or more student machines.

E.	EXE	RCISE FILES	
	1.	Download and unzip the training files.	The QC92Using-Training-01A.zip file contains the following files: • FlightSearch_Req.xls • PaymentMethods_Req.xls • FlightTrip_Req.doc • PaymentMethods_Req.doc Save these files in the C:\Training\Quality Center 9.2\Using directory
		checklist to your PSO logistic coordinate	machines to be used in the training, please fax the completed or. In order for HP to have time to review the information, please fax rking days before the start of the training event. Thank you for your
		Signature	_
		Print Name and Title	_
		Company/Organization Name	_
		Date	_