

Business Process Testing 9.2

For the Subject Matter Expert

Pkg B ILT Course Description



INTENDED AUDIENCE

Individuals interested in implementing the Business Process Testing methodology solution.

- Anyone transitioning from a manual test based Quality Center environment to an automated, component based environment.

DURATION: 2 DAYS

OVERVIEW

This entry-level, training provides the Subject Matter Expert with a workflow of tasks to follow in order to successfully implement a Business Process Testing solution in a Quality Center environment. Fundamental concepts, terminology and best practices will be presented. These basic concepts and procedures are reinforced by review questions and hands-on labs.

COURSE OBJECTIVES

At the end of the course, you will be able to:

- Use Quality Center 9.2 to create a Business Process Test
- Discuss the BPT Workflow and Roles
- Create a sample Test Set and Component structure.
- Discuss the purpose of an Application Area
- Create a Manual Component
- Convert a Manual Component to an Automated Component
- Add parameters to a component
- Run and Debug a Manual and Automated Component
- View Test Run Results

PREREQUISITES

- Experience with Microsoft Windows
- Basic understanding of the testing process
- Has successfully completed the *Using Test Director* or *Using Quality Center* course
- Experience with QuickTest Professional is extremely helpful

LAB SETUP REQUIREMENTS:

- A running Quality Center 9.2 instance available to the student.
- A separate project created by the QC System Administrator for each Student
- A QuickTest Professional instance available to the student.
- The QTP with BPT add-in installed on the QC 9.2 instance

RECOMMENDED FOLLOW-UP COURSES

- Business Process Testing 9.2 for Automation Engineers

DAY 1

Business Process Test Methodology

- Describe the difference between standard Quality Center and QC with BPT
- Define standard BPT terminology
- Discuss the benefit of BPT
- Describe the BPT roles and their responsibilities.

The BPT Workflow

- Explain the overall BPT workflow
- Create a sample business process
- Describe a BPT requirement
- List the tasks assigned to each BPT role
- Navigate the Quality Center interface the

Working With Requirements for BPT

- Determine requirements for a Business Process Test
- Create a BPT requirement structure
- Tie a requirement to a release and/or cycle
- Export data from Excel to Quality Center

Test Plans and Requirements Coverage

- Organize subjects and tests into a test plan
- Outline a business process test and expected results
- Create a component request
- Recognize the state of a component
- Link a test to a requirement
- Generate a live analysis graph from a test plan tree

DAY 2

Introduction to Business Components

- Define a business component
- Describe the method used to organize business processes using components
- Assemble a component "flow"
- Generate reports about tests containing components

Creating Manual Components

- Navigate the Business Component module
- Create a manual component
- Convert a manual component to an automated component
- Describe the purpose of an Application Area
- Add a function operation to a test
- Add keyword-driven steps to a component

Keyword-Driven Tests

- Explain the parts of a keyword-driven test
- View the objects available for keyword-driven steps
- Add steps to an automated component
- Execute a keyword-driven test
- View test results

Executing Business Process Test Sets

- Navigate the Test Lab module
- Execute a BPT test set
- Evaluate test results
- Add and track defects