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Integrating QuickTest Professional 10.00 with Quality Center 10.00

Overview

QuickTest Professional (QTP) is an automated functional testing tool. Quality Center (QC) is a web-based repository for all testing assets. To ensure comprehensive testing of your application, you typically must create and run many tests. HP QC can help you organize and control the testing process. In this course, you will learn how to integrate QTP with QC following HP best practices. Designing the integration and setting up QC for integration provide keys to success.

Duration

One day

Intended Audience & Prerequisites

- QuickTest Professional (QTP) Automation Engineers that need to integrate QTP Scripts with Quality Center
- Working knowledge of:
 - Quality Center 10.00
 - QuickTest Professional 10.00

Course Topics

Introduction

- Course Overview

Review of QC and QTP

- QC Review
 - Management Module – Releases and Libraries
 - Test Plans
 - Test Lab
- QTP Review
 - Actions
 - Data Tables
 - Object Repositories
 - Function Libraries

Planning the Integration

- Installing the Quality Center client-side integration tool
- Connecting QTP with QC
- Designing the Test Plan folder structure in QC

Working with Test Plans

- Converting a manual test to an automated test
- Maintaining metrics accuracy for reporting purposes
- Working with template tests

Designing the QTP Resources

- Designing data tables
- Designing repositories
- Designing function libraries

Using the QC Test Resources Module

- Storing reusable QTP assets
- Utilizing reusable QTP assets
- Viewing resource dependencies
- Using resource history

Executing QTP Scripts in QC

- Adding hosts to the host manager
- Using a driver script to execute scripts
- Using a test set to execute scripts
- Setting up the configuration and rerun options
- Submitting a defect during execution