

Using Quality Center 9.2

ILT Course Description



INTENDED AUDIENCE

- Quality assurance engineers
- Quality testers
- Project managers
- Other Quality Center users

DURATION: 1 DAY

OVERVIEW

The process-based functionality of Quality Center 9.2 is extended in this hands-on course. Students will learn how to manage quality information throughout the development cycle, construct and organize requirements, create and execute test sets, monitor defects, and use graphs and reports to track the success of a project.

COURSE OBJECTIVES

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

- Create releases and cycles.
- Define test requirements.
- Analyze risks associated with requirements.
- Organize subjects and tests in a test plan tree.
- Design and create test plans.
- Generate test scripts from design steps.
- Create test sets.
- Execute manual and automated tests.
- Record and track test execution results.
- Log and manage defects.
- Generate reports and graphs.

PREREQUISITES

Working knowledge of:

- Windows
- Testing concepts

Introduction

Working with Releases

- Creating a release tree
- Tying requirements to releases and cycles
- Tying tests to releases and cycles

Defining Test Requirements

- Creating and defining requirements
- Building a requirements tree

Analyze Requirement Risks

- Add traceability links between requirements
- Perform risk analysis for requirements

Test Planning

- Building a test plan tree
- Creating tests
- Linking tests and requirements
- Designing test steps
- Using parameters in tests
- Configuring a test to call other tests
- Generating test scripts
- Monitoring the status of test plans

Test Execution

- Building a test sets tree
- Creating test sets
- Organizing tests in a test set
- Defining and scheduling test execution flows
- Configure automated test rerun and cleanup rules
- Executing manual and automated tests
- Recording and reviewing test execution results
- Monitoring the status of test sets

Defect Tracking

- Logging defects
- Searching and reviewing defects
- Associating defects to other entities
- Updating a Defect
- Tracking the status of defects

Reporting and Analysis

- Generate analysis reports and graphs
- Generate Microsoft Excel reports

Quality Center 9.2 - Project Planning and Customization (2 Days)

ILT Course Description



INTENDED AUDIENCE

- Quality Center Administrator
- Quality Center Project managers
- Quality Assurance Leads
- Other Quality Center users responsible for managing projects, users, and workflow customizations
- Quality Center Administrator

DURATION: 2 DAYS

OVERVIEW

This course covers the tasks that are performed by site administrators, project managers, and Quality Assurance (QA) leads to set up Quality Center (QC) projects before users can work with requirements, test cases, and defects. This hands-on course focuses on planning, creating, and customizing Quality Center projects. It is an important course for people involved in creating projects, modifying existing fields, creating user-defined fields, creating users, setting user permissions, and defining basic workflow.

COURSE OBJECTIVES

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

- Identify the organization level specifications that need to be customized in Quality Center
- Configure organization-wide Quality Center parameters
- Customize project-specific Quality Center parameters
- Maintain Quality Center projects

PREREQUISITES

Working knowledge of:

- Windows
- Testing concepts

Day 1

Introduction

Introduction to Quality Center 9.2

- Identify the Quality Center modules.

Planning the Quality Center Implementation

- Planning: considerations and key roles

Introduction to Site Administration

- Logging on to Site Administration
- Site Administrator components
- Monitoring user connections and licenses

Customizing Projects at a Global Level

- Project structure in Quality Center
- Creating domains and projects

Maintaining Quality Center Projects

- Querying project tables
- Copying, renaming, removing, backing up, restoring, and upgrading projects
- Deleting Projects and Domains

Customizing Users at a Global Level

- Creating and managing users
- Configuring user authentication and LDAP import settings

Customizing Other Quality Center Modules at a Global Level

- Configure mail parameters
- Configure connection parameters

Day 2

Customizing Project-Specific Entities

- An overview of Project Customization
- An overview of customizing project-specific
- Adding user-defined fields
- Managing system or user-defined fields

Customizing Lookup Lists

- Creating project-specific lists
- Associating a list to a project entity
- Managing project-specific lists

Managing Project-Specific Users and User Groups

- Adding users to a project
- Creating user groups
- Customizing module access for user groups

Customizing Mailing Options and Alert Rules

- Designating mail fields
- Defining mailing conditions
- Configuring alert rules

Customizing Alert Rules

- Configuring traceability notification rules

Customizing Workflow

- Customizing lists
- Customizing fields by user groups

Implementing Workflow Using the Script Editor

- Using the Script Editor
- Adding a command button by using the Script Editor

Summary

Using the Quality Center 9.2 Dashboard (1 Day)

ILT Course Description



INTENDED AUDIENCE

- Quality assurance engineers
- Quality testers
- Project managers
- Other Quality Center users

DURATION: 1 DAY

OVERVIEW

This hands-on course covers the features of the Quality Center 9.2 Dashboard. This course explains how to extract information from your Quality Center projects to create and view charts and graphs in the Dashboard. The charts and graphs enable you to make cross-project comparisons.

COURSE OBJECTIVES

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

- Add Quality Center users to the Dashboard.
- Create user groups.
- Manage entity properties.
- Normalize field data from two Quality Center projects.
- Create portlets.
- Create and publish modules.
- Create KPIs.
- Combine your Quality Center and Dashboard knowledge to identify solutions for real-life project requests.

PREREQUISITES

Working knowledge of:

- Windows
- Testing concepts
- Quality Center

Introduction

Dashboard Overview

- Identifying the features and benefits of the Dashboard
- Describing the Dashboard architecture

Configuring User Groups for the Dashboard

- Adding Quality center users to the Dashboard
- Creating users groups in the Dashboard

Mapping Data for Subjects in the Dashboard

- Create subjects in the Dashboard
- Map data for subjects in the Dashboard by using the QCC Admin tool

Working with Portlets

- Creating a portlet
- Modifying a portlet
- Importing a portlet

Creating and Publishing a Module

- Creating a module
- Publishing a module

Creating KPIs with SQL

- Creating KPIs by using SQL
- Editing and deleting KPIs

Dashboard Solutions

- Identifying Dashboard solutions for real-life project requests