

Sela.

MTM

Microsoft Test Manager

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Microsoft Test Manager

MTM - Version: 2

 2 days Course

Description:

This course covers using all of the features of Microsoft Test Manager and the Test Essentials edition of Visual Studio 2017 and Team Foundation Server 2017.

Learn how to create test plans, test suites, test cases and test steps.

Parameterize and execute test cases and explore test results and test results reporting.

Powerful features of Microsoft Test Manager such as Fast Forward for Manual Testing, rich defect reporting, diagnostic data adapters and exploratory testing capabilities.

Track work items with queries and report on testing activities using Test scribe.

Intended audience:

Test Analysts

Test Leads and Managers

Project Managers

Automation Engineers

Software Developers

Prerequisites:

Knowledge of Software Testing Concepts

Familiarity with Team Foundation Server

Objectives:



Topics:

Overview of Microsoft Test Manager

- Test Process Overview
- Test Manager Features
 - Plan Module
 - Test Module
 - Track Module
 - Organize Module

Creating a Test Plan

- Test Plan Overview
- Test Plan Properties
- Integration with TFS
- Populating Test Plan
- Introduction to Test Configurations and Test Settings

Creating Test Suites

- Introduction to Test Suites
- Creating Test Suites
- Requirement Based Test Suites
- Query Based Test Suites

Test Case Creation

- Creating Test Cases



- Linking Test Cases to Work Items
- Associating Test Cases to Test Suites
- Test Case Parameters
- Working with Shared Steps

Test Case Execution

- Manual
 - Using Test Runner
 - Creating Action Recordings
 - Playback of Action Recordings
 - Bug Creation During Test Execution
- Automated
 - Test Controllers and Agents
 - Executing an Automated Test From Microsoft Test Manager

Bug Tracking

- Bugs and Traceability
- Creating Bugs
- Diagnostic Data Adapters and Rich Bugs

Reporting Test Progress and the Status of Tests

- Producing test progress reports
- Using test scribe to produce test plan documents
- Creating ad-hoc reports using Excel