



## Advanced Win Runner 9.2

### INTENDED AUDIENCE

- Quality assurance engineers.
- Technical managers.
- Software engineers.
- Customer support engineers.
- Anyone else who needs to automate manual testing and verification processes.

### DURATION: 2 DAYS

### OVERVIEW

Advanced WinRunner teaches students to use programming and troubleshooting techniques to enhance their automated test scripts to achieve greater test coverage for their applications.

### COURSE OBJECTIVES

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

- Define functions and libraries.
- Apply advanced data driving.
- Create database checkpoints.
- Manage custom objects.
- Set up compound recovery scenarios.

### PREREQUISITES

Working knowledge of

Using WinRunner course or equivalent experience using WinRunner.

Some programming experience.

Understanding of the Microsoft Windows environment and GUI.

#### REVIEW OF USING WINRUNNER

- Recording.
- Synchronizing.
- Verifying scripts.
- Running scripts.

#### TSL (TEST SCRIPT LANGUAGE)

- Functions, variables, constants and operations.
- Adding user interactions to a script.
- Flow control.
- Sending messages to the flow control window.

#### USER DEFINED FUNCTIONS AND LIBRARIES

- Creating functions and compiled modules (libraries).
- Return codes and error handling.
- Adding functions to the Function Generator and startup script codes and error handling.

#### ADVANCED DATA DRIVING

- Reading from and writing to the Data Table.
- Writing to spreadsheets and text files.

#### MANAGING CUSTOM OBJECTS IN AN APPLICATION

- Learning the properties of custom objects.
- Mapping custom objects to standard classes.
- Handling a custom object that cannot be mapped.