Open2Test Test Automation Framework Usage Guidelines for TestPartner

Version 1.0

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1.   Purpose of the Document

The purpose of this document is to provide a glimpse into the supporting documents prepared for the Open Source Test Automation Framework that can be used for understanding, customizing, and maintaining the framework code. This document is designed to promote reuse and extensibility of the Open Source Test Automation Framework.

2.   Organization of the Document

This document is categorized into the following three parts:

- General Documents
- .NET Framework Documents
- Web Framework Documents

2.1.   General Documents

The documents presented under this section can be used for all type of technologies of the Open Source Test Automation Framework.

2.2.   .NET Framework Documents

The documents presented under this section can be used for .NET frameworks.

2.3.   Web Framework Documents

The documents presented under this section can be used for Web frameworks.

3.   List of Documents

3.1.   General Documents

- Open2Test Test Automation Framework Introduction – TestPartner

- Open2Test Test Automation Framework Implementation Guide for TestPartner

- Open2Test Test Automation Framework for TestPartner – FAQ

- Open2Test Test Automation Framework Coding Standards for Developers – TestPartner

- Open2Test Test Automation Framework Quick Start Guide for TestPartner

- Open2Test Test Automation Framework Extensibility for Developers – TestPartner

- Open2Test Test Automation Framework Tips and Tricks for TestPartner

3.2.   .NET Framework Documents

- Open2Test .NET Test Automation Framework List of Keywords for TestPartner

- Open2Test .NET Test Automation Framework for TestPartner

- Open2Test Test Automation Framework Keyword Naming Conventions for Developers (.NET) – TestPartner

- Open2Test Test Automation Framework Tool Version Support Matrix for .NET – TestPartner

- Open2Test Test Automation Framework Scripting Standards for .NET – TestPartner

3.3.   Web Framework Documents

- Open2Test Web Test Automation Framework List of Keywords for TestPartner

- Open2Test Web Test Automation Framework for TestPartner

- Open2Test Test Automation Framework Keyword Naming Conventions for Developers (Web) – TestPartner

- Open2Test Test Automation Framework Tool Version Support Matrix for Web Application – TestPartner

- Open2Test Web Test Automation Framework Scripting Standards for TestPartner

4. Use of Open Source Test Automation Framework Documents

4.1. Open2Test Test Automation Framework Introduction – TestPartner

- **Description**: This document provides an introduction of an effective framework called the Open Source Test Automation Framework, the framework features, as well as its architecture and benefits.

- **Utilization**: This document helps in understanding the Open Source Test Automation Framework in which the discrete functional business events that make up an application are described using keywords. The major benefits of this approach include reusability and greater productivity.

4.2. Open2Test Test Automation Framework Implementation Guide for TestPartner

- **Description**: This document provides an overview of the implementation of the Open Source Test Automation Framework in MicroFocus TestPartner. The Open Source Test Automation Framework is an application independent framework that deals with all possible actions and verifications that can be performed on an object.

- **Utilization**: This document helps in implementing the framework code for a given technology across different applications.

4.3. Open2Test Test Automation Framework for TestPartner – FAQ

- **Description**: This document provides answers to some frequently asked questions about the Open Source Test Automation Framework.

- **Utilization**: This document helps in finding answers to frequently asked questions about the Open Source Test Automation Framework.

4.4. Open2Test Test Automation Framework Coding Standards for Developers – TestPartner

- **Description**: This document provides details about the various columns used during scripting, the keywords and their descriptions, along with some methodologies to be followed while scripting using keywords.

- **Utilization**: This document provides guidelines for creating keyword scripts.

4.5. Open2Test Test Automation Coding Standards for Developers – TestPartner

- **Description**: This document describes the standards to be followed when designing and developing framework code.

- **Utilization**: This document provides the naming conventions to be followed for the variables and constants, function definitions and declarations, and comment standards across the framework code for all technologies.

4.6. Open2Test Test Automation Quick Start Guide for TestPartner

- **Description**: This document provides a brief overview of the settings used with keyword-driven scripting in TestPartner.

- **Utilization**: This document helps in creating new tests, associating with required add-ins, establishing test settings for keyword-driven scripting, managing the object repository, calling the framework code, using keywords, and performing Quality Center connection and test execution.

4.7. Open2Test Test Automation Framework Extensibility for Developers – TestPartner

- **Description**: This document describes the guidelines to be followed when customizing framework code.

- **Utilization**: This document provides guidelines for adding or modifying the functions or keywords in the framework code.

4.8. Open2Test Test Automation Tips and Tricks for TestPartner

- **Description**: This document provides an overview on handling frequently encountered scripting problems and some valuable dos and don'ts to maximize efficiency of the Open Source Test Automation Framework. This document requires prior knowledge and working experience with the Open Source Test Automation Framework.

- **Utilization**: This document serves as a quick reference for solving issues faced with using the Open Source Test Automation Framework.

4.9. Open2Test Test Automation Framework List of Keywords for TestPartner

- **Description**: This document provides the list of available keywords in the Open Source Test Automation Framework. This document also provides keywords syntax that needs to be followed while creating keyword test scripts. This document also provides examples and description for each keyword, which helps in understanding the functionality of all the keywords.

- **Utilization**: This document helps as a quick reference for using all the available keywords.

4.10. Open2Test Test Automation Framework for TestPartner

- **Description**: This document provides a detailed explanation of framework code. All the functions available in the framework code are explained in detail.

- **Utilization**: This document can be used for understanding the functionality of framework code. It also helps in maintaining and enhancing the framework code.

4.11. Keyword Naming Conventions

- **Description**: This document provides the naming conventions used in the Open Source Test Automation Framework to generate the Keyword scripts. This includes the naming convention used for keywords, objects, actions, variables, datatables, parameters and environment. This document can be customized based upon the requirements and hence falls under the category 'Contributors Document.'

- **Utilization**: This document helps in providing standards that need to be followed while designing keywords.

4.12. Support Matrix

- **Description**: This document provides the Open Source Test Automation Framework features and objects supported by different version of the TestPartner tool.

- **Utilization**: This document helps in understanding the Open Source Test Automation Framework features and objects that are supported by different versions of TestPartner.

  Note: .NET and Web each have a separate document to describe the respective support matrices.