Open2Test Test Automation Framework for Selenium Web Driver FAQ

Version 3.1

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1.   Introduction

1.1.   Purpose

The purpose of this document is to answer frequently asked questions about the Open2Test Test Automation Framework.

2.   Frequently Asked Questions

2.1.   Open2Test Test Automation Framework

The table below lists FAQs with respective answers related to the Open2Test Test Automation Framework for Selenium WebDriver.

1.	Is the Open2Test Test Automation Framework application-dependent? **No, it is not application-dependent because the Open2Test Test Automation Framework is designed to perform operations for all standard object types of technology commonly used to build a Web application.**
2.	Is Open2test Test Automation Framework technology-dependent? **Yes, it is technology-dependent.**
3.	What are the benefits of using this framework? **The Open2Test Test Automation Framework provides the following benefits:** 1. **The testers can automate test cases without the help of programmers or programming background.** 2. **They can run automated test cases more reliably.** 3. **The Open2Test Test Automation Framework reduces maintenance and increases productivity.** 4. **Keywords are application-independent.**
4.	Does the Open2Test Test Automation Framework support a data-driven framework? **Yes.**
5.	Does it support a function modular framework? **Yes.**
6.	What are the prerequisites for using the Open2Test Test Automation Framework? **The prerequisites for using the Open2Test Test Automation Framework are:** 1. **Knowledge of the keywords.** 2. **Basic knowledge of the Selenium tool.** 3. **All the necessary files should be associated.**
7.	Does the Open2Test Test Automation Framework support all versions of Selenium? **Yes.**
8.	What are the various components of the Open2Test Test Automation Framework? **The components include: selenium.java, object repository, keywords, external test data, and global variables.**
9.	What are the different components needed to run a Selenium script using the Open2Test Test Automation Framework? **Place the keyword script and test data (if used) in the location specified in the framework. Place the Object Repository Excel in the Specified location.**
10	Does the Open2Test Test Automation Framework support external functions? **Yes, it supports external functions.**
11	Does the Open2Test Test Automation Framework support using an xml file for test data?

	No.
12	How does the Open2Test Test Automation Framework work?
	Using the Open2Test Test Automation Framework, testers can develop test cases using Microsoft Excel using the available list of keywords. When the test is executed, the framework processes the Excel workbook and calls the functions associated with the keywords entered in the Excel spreadsheet. These keyword functions in turn perform specific actions on the Application Under Test (AUT).
13	What are the benefits of the Open2Test Test Automation Framework?
	Reusability, greater test productivity, optimum utilization of the tool through keyword support, and minimum effort needed to build scripts.
14	What are the features of the Open2Test Test Automation Framework?
	The following are the features of the Open2Test Test Automation Framework:
	Performing operations and verifications on the objects
	Usage of variables
	Conditional checking
	Data-driven testing
	Reports
	Exception handling
	Handling Web objects
15	What is the advantage of building scripts using the Open2Test Test Automation Framework over writing code in Ruby or Java?
	Being a keyword-driven framework, one does not need to know Ruby or Java programming. Testers can develop scripts without learning the underlying automation tool's scripting language. The tests are easier to understand and maintain, and they provide maximum code reuse.
16	What is the Open2Test Test Automation Framework?
	This framework is built for several of the leading test automation tools. It allows scripting of test cases using a set of keywords provided as part of the framework. This is often referred to as keyword-driven testing or action-based testing.

2.2. Keyword Scripts

The table below lists the FAQs with respective answers related to keyword scripts.

1.	What are the various keywords available in the Open2Test Test Automation Framework?
	Refer to the Keyword list Document for the list of keywords that are available in the Open2Test Test Automation Framework.
2.	Does the Open2Test Test Automation Framework support a mechanism for providing multiple sets of data to the same parameter?
	Yes. Use the Loop keyword.
3.	Does the Open2Test Test Automation Framework support if-else loops?
	Yes. Use the Condition keyword.