

Web TCT Behavior Test Tool User Guide

Version 1.0, for Tizen 2.3.1

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1 Introduction

This document provides comprehensive information about Web TCT Behavior Test Tool, including the following: Overview, Installation Guideline, Preparing and Executing Test, Viewing Test Report etc.

2 Overview

Web TCT Behavior Test Tool is a device behavior checker that uses jQuery. It is a major component of the Tizen Compliance Tests (TCT) tool set.

Web TCT Behavior Test Tool has these features:

- A list of behaviors you can test, with information about test cases
- Test cases for checking and evaluating the behavior of a device
- Automatically generated test reports you can view and save for further analysis

3 Installation Web TCT Behavior Test Tool

Web TCT Behavior Test Tool is released as a ZIP file.

You can install behavior with script `tct-config-device.py` in Web TCT Release, referring to the Chapter 5.3 in Doc ***Web_TCT_2.3.1_User_Guide***.

You can also follow commands below to install it on the target device manually:

```
$ sdb push /path/to/<TCT_folder>/package/[mobile or wearable]/tct-behavior-tests.zip /tmp
$ sdb shell unzip -o /tmp/tct-behavior-tests.zip -d /opt/usr/media/tct/
$ sdb shell /opt/usr/media/tct/opt/tct-behavior-tests/inst.sh
```

4 Preparing To Test

The home page in which all Web TCT Behavior Test Tool test cases are listed is shown below:

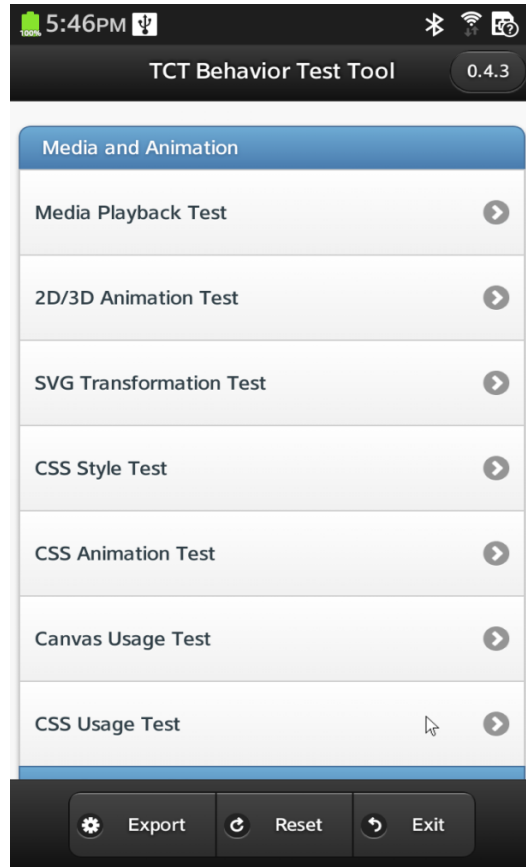


Figure 4-1. Web TCT Behavior Test Tool Home Page

The header bar shows the Web TCT Behavior Test Tool title and version.

The test list in the center shows components and the tests for them. When you perform a test, the result status also appears in this area.

The footer bar has buttons for working with the test results:

- **Export:** Save the test result XML file to the Tizen file system. This is default full path that includes both location and file name: `/opt/usr/media/Documents/tct-behavior-result/tct-behavior-tests_<timestamp>.result.xml`.
- **Reset:** Reset the test results.
- **Exit:** Quit.

5 Executing Tests

1. Click the **Info** button to view the test case description, and perform the test according to it.

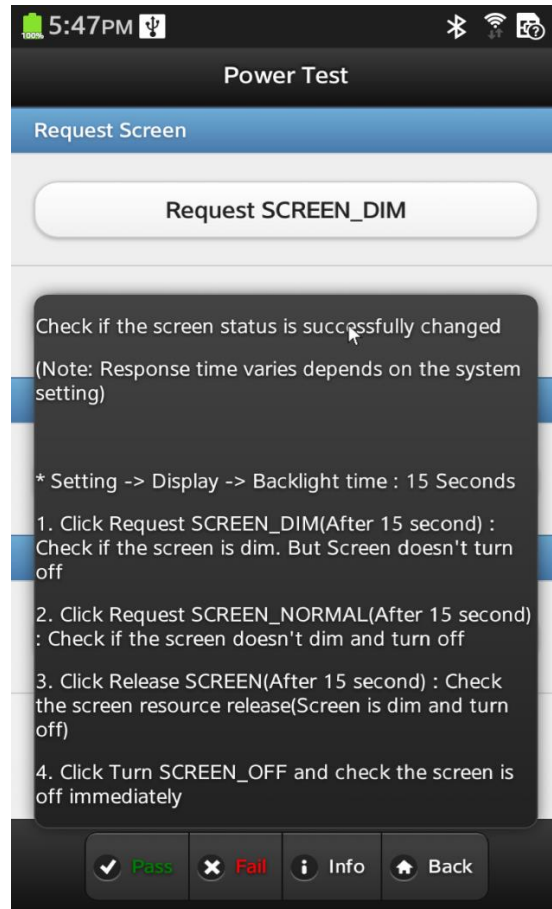


Figure 5-1. Web TCT Behavior Test Tool Test Case Info Page

2. Compare the test result with the expected result, then click **Pass** or **Fail** to update the test result on the Home page.

6 Viewing The Report

To generate the result XML at the specific location, click Export. The report will be saved in location “**/opt/usr/media/Documents/tct-behavior-result/tct-behavior-tests_<timestamp>.result.xml**”

You can view the summary information, including the case title and result by open the xml with browser.