

# Web TCT Test Suite Packaging Guide

Version 1.0, for Tizen 3.0

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# 1 Overview

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This document provides method to pack test suite packages for web TCT. Currently the target platform is Tizen. Please use the following shell scripts to generate test suite packages.

- pack.py: a script for packing single test suite package

# 2 Test Suite Packaging Requirement

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- One of the following Linux Distribution versions is installed
  - Ubuntu 12.04 (32-bit)
  - Ubuntu 12.04 (64-bit)
  - Ubuntu 12.10 (32-bit)
  - Ubuntu 12.10 (64-bit)
  - Ubuntu 14.04 (32-bit)
  - Ubuntu 14.04 (64-bit)
- Please make sure *gcc*, *make*, *zip*, *automake*, *autoconf* are installed, otherwise please install them by

```
$ sudo apt-get install gcc make zip automake autoconf
```
- If 64-bit Ubuntu, Please install *libc6-i386*, *lib32stdc++6*, *lib32gcc1*, *lib32ncurses5*, *lib32z1*.

```
$ sudo apt-get install libc6-i386 lib32stdc++6 lib32gcc1 lib32ncurses5 lib32z1
```
- Test suite source:

Please use *git clone* to get source code of TCT test suites from Tizen.org

- \$ git clone ssh://<uid>@review.tizen.org:29418/test/tct/webapi.git
- \$ cd /path/to/webapi && git checkout 3.0\_release
- \$ git clone ssh://<uid>@review.tizen.org:29418/test/tct/wrt.git
- \$ cd /path/to/wrt && git checkout 3.0\_release

- \$ git clone ssh://<uid>@review.tizen.org:29418/test/tct/behavior.git
- \$ cd /path/to/behavior && git checkout 3.0\_release

- TIZEN widget signing tool

To build the test suite packages, please get signing tool and put it in proper place after get test suite source code files:

- \$ cp -ar /path/to/signing /path/to/<test-category>/tools/
- # where, <test-category> is one of the three: webapi, wrt, behavior

## 3 WebAPI Test Suites

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### 3.1 Get WebAPI test suite source code

- \$ git clone ssh://<uid>@review.tizen.org:29418/test/tct/webapi.git
- \$ cd /path/to/webapi && git checkout 3.0\_release

### 3.2 Build WebAPI test suite package

Build single package for specific test suite

- \$ cd /path/to/webapi/ivi/tct-xxx-xxx-tests
- \$ ../../tools/build/pack.py -t wgt

tct-xxx-tests zip package will be generated.

## 4 WRT Test Suite

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### 4.1 Get WRT test suite source code

- \$ git clone ssh://<uid>@review.tizen.org:29418/test/tct/wrt.git
- \$ cd /path/to/wrt && git checkout 3.0\_release

### 4.2 Build WRT test suite package

Build single package for specific test suite

- \$ cd /path/to/wrt/ivi/tct-xxx-xxx-tests
- \$ ../../tools/build/pack.py -t wgt

tct-xxx-tests zip package will be generated.

## 5 Behavior Test Suite

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### 5.1 Get behavior test suite source code

- \$ git clone ssh://<uid>@review.tizen.org:29418/test/tct/behavior.git
- \$ cd /path/to/behavior && git checkout 3.0\_release

### 5.2 Build behavior test suite package

- \$ cd /path/to/behavior/ivi
- \$ ../tools/build/pack.py -t wgt --tools= ../tools/  
tct-behavior-tests zip package will be generated.