

Web TCT Test Suite Packaging Guide

Version 1.0, for Tizen 2.3

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[1] Overview

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.sh: a script for packing single test suite package
- packall.sh: a script for packing multi test suite packages in one time

[2] Test Suite Packaging Requirement

- 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)
- Please make sure *gcc*, *make*, *zip*, *automake*, *autoconf* are installed, otherwise please install them by

```
$ sudo apt-get install gcc make zip automake autoconf
```

- 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/web/webapi.git
- \$ cd /path/to/webapi && git checkout 2.3_release
- \$ git clone
ssh://<uid>@review.tizen.org:29418/test/tct/web/webuifw.git
- \$ cd /path/to/webuifw && git checkout 2.3_release
- \$ git clone ssh://<uid>@review.tizen.org:29418/test/tct/web/wrt.git
- \$ cd /path/to/wrt && git checkout 2.3_release
- \$ git clone
ssh://<uid>@review.tizen.org:29418/test/tct/web/behavior.git
- \$ cd /path/to/behavior && git checkout 2.3_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:

```
- $ mkdir -p /path/to/<test-category>/tools
- $ cp -ar /path/to/signing /path/to/<test-category>/tools/
- # where, <test-category> is one of the four: webapi, wrt, webuifw,
  behavior
```

[3] WebAPI Test Suites

3.1 Get WebAPI test suite source code

```
- $ git clone ssh://<uid>@review.tizen.org:29418/test/tct/web/webapi.git
- $ cd /path/to/webapi && git checkout 2.3_release
```

3.2 Build WebAPI test suite package

There are 2 methods to build WebAPI test suite packages:

(1) Build all packages for all test suites

```
- $ cd /path/to/webapi
- $ ./packall.sh -t wgt
```

tct-xxx-tests zip packages will be generated under each suite folder.

(2) Build single package for specific test suite

```
- $ cd /path/to/webapi/tct-xxx-xxx-tests
- $ ./pack.sh -t wgt
```

tct-xxx-tests zip package will be generated.

[4] WRT Test Suite

4.1 Get WRT test suite source code

```
- $ git clone ssh://<uid>@review.tizen.org:29418/test/tct/web/wrt.git
- $ cd /path/to/wrt && git checkout 2.3_release
```

4.2 Build WRT test suite package

There are 2 methods to build WRT test suite packages:

(1) Build all packages for all test suites

```
- $ cd /path/to/wrt
- $ ./packall.sh -t wgt
```

tct-xxx-tests zip packages will be generated under each suite folder.

(2) Build single package for specific test suite

```
- $ cd /path/to/wrt/tct-xxx-xxx-tests
- $ ./pack.sh -t wgt
tct-xxx-tests zip package will be generated.
```

[5] Behavior Test Suite

5.1 Get behavior test suite source code

```
- $ git clone
  ssh://<uid>@review.tizen.org:29418/test/tct/web/behavior.git
- $ cd /path/to/behavior && git checkout 2.3_release
```

5.2 Build behavior test suite package

```
- $ cd /path/to/behavior
- $ ./pack.sh -t wgt
tct-behavior-tests zip package will be generated.
```

[6] WebUIFW Test Suite

6.1 Get WebUIFW test suite source code

```
- $ git clone
  ssh://<uid>@review.tizen.org:29418/test/tct/web/webuifw.git
- $ cd /path/to/webuifw && git checkout 2.3_release
```

6.2 Build WebUIFW test suite package

```
- $ cd /path/to/webuifw/ tct-webuifw-tests
- $ ./pack.sh -t wgt
tct-webuifw-tests zip package will be generated.
```