

Titan Executor API User Guide

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Abstract

This document describes detailed information of using the TITAN Executor API.

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Chapter 1. Overview

The Titan Executor API provides the following functionalities:

- execution control as in mctr_gui
- callback for host controller connecting events
- console log callback

It is implemented in Java using JNI calls to the C++ side, which is based on the implementation of titan_eclipse JNI executor. The Titan Executor API is independent from Eclipse.

Chapter 2. Prerequisites

- TITAN installed (*libmctrjninative.so* library file is in *TTCN3_DIR/lib*, and library path is in `LD_LIBRARY_PATH`)
- Java JRE 1.7 installed

Chapter 3. Install

Copy *lib/TITAN_Executor_API.jar* to your classpath.

Chapter 4. Usage

The entry point of the API is the `com.ericsson.titan.executor.api.JniExecutor`, and the client must implement `com.ericsson.titan.executor.api.IJniExecutorObserver` interface for the callbacks.

For further details see the Javadoc embedded in the project.

Chapter 5. Titan Executor API Demo

5.1. Install

Copy *TITAN_Executor_API_Demo.jar* and *lib/TITAN_Executor_API.jar* to any selected directory, so keep the directory structure, make sure, that *TITAN_Executor_API.jar* is in *lib/*, so it means, that Titan Executor API is in the classpath, which is defined in the manifest file of *TITAN_Executor_API_Demo.jar*.

5.2. Usage

To start the demo the following command must be used:

```
java -jar <install directory>/TITAN_Executor_API_Demo.jar
```

Chapter 6. Javadoc

6.1. Install

Extract javadoc directory from the zip file

6.2. Usage

Open *javadoc/index.html* from a browser.