



Titan Executor API User Guide

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Table of Contents

Overview.....	1
Titan Executor API.....	1
Prerequisites.....	1
Install.....	1
Usage.....	1
Titan Executor API Demo.....	2
Install.....	2
Usage.....	2
Javadoc.....	2
Install.....	2
Usage.....	2

Abstract

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

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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.

Titan Executor API

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

Install

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

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.

Titan Executor API Demo

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*.

Usage

To start the demo the following command must be used:

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

Javadoc

Install

Extract javadoc directory from the zip file

Usage

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