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EPTF CLL GUIViewer, Function Description

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Introduction

## Revision history

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| --- | --- | --- | --- |
| Date | Rev | Characteristics | Prepared |
| 2012-05-25 | PA1 | First draft version | <EMIHMIK> |

## How to Read this Document

This is the Function Description for the GUIViewer of the Ericsson Performance Test Framework (TitanSim), Core Load Library (CLL). TitanSim CLL is developed for the TTCN-3 ‎[1] Toolset with TITAN ‎[2]. For more information on the TitanSim CLL please consult the Product Revision Information ‎[3]. Additionally, to understand the functionality of this feature, read the documentation of the UIHandler ‎[6] feature.

## References

1. ETSI ES 201 873-1 v3.2.1 (2007-02)  
   The Testing and Test Control Notation version 3. Part 1: Core Language
2. 1/198 17-CRL 113 200 Uen  
   User Guide for the TITAN TTCN-3 Test Executor
3. 109 21-CNL 113 512-2 Uen   
   TitanSim CLL for TTCN-3 toolset with TITAN, Product Revision Information
4. 155 17-CNL 113 512 Uen   
   TitanSim CLL for TTCN-3 toolset with TITAN, Function Specification
5. TitanSim CLL for TTCN-3 toolset with TITAN, Reference Guide  
   <http://ttcn.ericsson.se/products/libraries.shtml>
6. 2/155 17-CNL 113 512 Uen  
   EPTF CLL UIHandler Function Description

## Scope

This document is to specify the content and functionality of the GUIViewer of the TitanSim CLL.

## Recommended way of reading

The readers are supposed to get familiar with the concept and functionalities of TitanSim CLL ‎[4] in general, and the UIhandler ‎[6] feature. They should get familiar with the list of acronyms and the glossary in Section ‎1.7 and ‎1.8, respectively.

## Typographical conventions

Important concepts are denoted by *italic* font wherever they are first used in the given context. Moreover, whenever a concept is mentioned that has a special meaning as described in the Glossary (Section ‎1.8) of this document, then these occurrences are marked with an initial arrow, e.g., *🡪 TitanSim Core (Load) Library(CLL)*.

## Abbreviations

CLL Core Load Library

EPTF Ericsson Load Test Framework, formerly TITAN Load Test Framework

TitanSim Ericsson Load Test Framework, formerly TITAN Load Test Framework

TTCN-3 Testing and Test Control Notation version 3 ‎[1]

GUI Graphical User Interface

## Terminology

*TitanSim Core (Load) Library(CLL)* is that part of the TitanSim software that is totally project independent. (I.e., which is not protocol-, or application-dependent). The TitanSim CLL is to be supplied and supported by the TCC organization. Any TitanSim CLL development is to be funded centrally by Ericsson

# General Description

This document specifies the GUIViewer feature of the TITANSim CLL.

* The EPTF GUIViewer feature makes it possible to see the GUI layout from a Custom GUI XML

## Usage

To use GUIViewer component, the

function f\_EPTF\_GUIViewer\_behaviour(

in charstring pl\_selfName,

in charstring pl\_simulation\_buildDB\_file := tsp\_EPTF\_GUIViewer\_DBFileName,

in charstring pl\_guiXML := tsp\_EPTF\_GUIViewer\_guiXMLFileName

)

function should be called. The pl\_selfName parameter specifies the name of the component. The pl\_simulation\_buildDB\_file parameter can be used as the dataelements database for displaying the layout. The pl\_guiXML parameter is the custom GUI XML file, which describes the layout to be displayed.

# Functional Interface

Apart from this description a cross-linked reference guide for the TitanSim CLL Functions can be reached for on-line reading ‎[5].

## Naming Conventions

All functions have the prefix f\_EPTF\_GUIViewer\_

## General Public Functions

### Initialization

The f\_EPTF\_GUIViewer\_behaviour function doing the initialization.