|  |  |
| --- | --- |
|  |  |

EPTF CLL StatReplay, Function Description

Contents

[1 Introduction 2](#_Toc211151182)

[1.1 Revision history 2](#_Toc211151183)

[1.2 How to Read this Document 2](#_Toc211151184)

[1.3 References 2](#_Toc211151185)

[1.4 Scope 2](#_Toc211151186)

[1.5 Recommended way of reading 2](#_Toc211151187)

[1.6 Typographical conventions 3](#_Toc211151188)

[1.7 Abbreviations 3](#_Toc211151189)

[1.8 Terminology 3](#_Toc211151190)

[2 General Description 3](#_Toc211151191)

[3 Functional Interface 4](#_Toc211151192)

[3.1 Naming Conventions 4](#_Toc211151193)

[3.2 Public Functions 4](#_Toc211151194)

[3.2.1 Initialization 4](#_Toc211151195)

[3.3 Summary Table of all public functions for EPTF Statistics Replay 4](#_Toc211151196)

# Introduction

## Revision history

|  |  |  |  |
| --- | --- | --- | --- |
| Date | Rev | Characteristics | Prepared |
| 2007-11-30 | PA1 | First draft version | ENORPIN |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

## How to Read this Document

This is the Function Description for the EPTF Statistics Replay 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].

## 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

## Scope

This document is to specify the content and functionality of the EPTF Statistics Replay feature of the TitanSim CLL.

## Recommended way of reading

The readers are supposed to get familiar with the concept and functionalities of TitanSim CLL ‎[4]. 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 Statistics*.

## 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 Statistics Replay Control feature of the TitanSim CLL.

The EPTF Statistics Replay Control feature makes it possible to

* Visualize the created capture files on the Runtime GUI

The aim of the EPTF Statistics Replay feature is to display a given variable from a given capture group on the chart in a slider window. On the chart we can take steps forward and backward too.

To be able to use EPTF Statistics Replay, the user component should extend the EPTF\_CLL\_StatReplay\_CT component.

# 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\_CLL\_StatReplay\_.

## Public Functions

### Initialization

The user need only start the component with the f\_EPTF\_CLL\_StatReplay\_Init\_CT(…) function. This function initializes the EPTF Statistics Replay feature and initiates the GUI.

## Summary Table of all public functions for EPTF Statistics Replay

Table 1. Summary of Statistics Replay functions

|  |  |
| --- | --- |
| Function name | Description |
| f\_EPTF\_CLL\_StatReplay\_Init\_CT | Initializes the GUI and starts the Statistics Replay Component |
|  |  |