



**TANGO**  
Device  
Server

# **Tango Device Server User's Guide**

## **ElecLogger Class**

**Revision: - Author: goudard  
Implemented in Java**

### **Introduction:**

Java server for drops logging on electric network.

### **Class Inheritance:**

- fr.esrf.TangoDs.Device\_2Impl
  - ElecLogger

### **Class Description:**

## Properties:

<b>Class Properties</b>		
<b>Property name</b>	<b>Property type</b>	<b>Description</b>
<b>MailList</b>	string	Mailing list to report problem

Class Properties Default Values:

<b>Property Name</b>	<b>Default Values</b>
MailList	No default value

**There is no Device Properties.**

## States:

<b>States</b>	
<b>Names</b>	<b>Descriptions</b>
<b>OFF</b>	ElecLogger is stopped.
<b>ON</b>	ElecLogger process exists.
<b>RUNNING</b>	ElecLogger is running.
<b>FAULT</b>	ElecLogger process exists but an exception occurred.

## Commands:

More Details on commands....

<b>Device Commands for Operator Level</b>		
<b>Command name</b>	<b>Argument In</b>	<b>Argument Out</b>
<b>Init</b>	DEV_VOID	DEV_VOID
<b>State</b>	DEV_VOID	DEV_STATE
<b>Status</b>	DEV_VOID	CONST_DEV_STRING

## 1 - Init

- **Description:** This commands re-initialise a device keeping the same network connection.  
After an Init command executed on a device, it is not necessary for client to re-connect to the device.  
This command first calls the device *delete\_device()* method and then execute its *init\_device()* method.  
For C++ device server, all the memory allocated in the *nit\_device()* method must be freed in the *delete\_device()* method.  
The language device desctructor automatically calls the *delete\_device()* method.
- **Argin:**  
**DEV\_VOID** : none.
- **Argout:**  
**DEV\_VOID** : none.
- **Command allowed for:**
  - Tango::OFF
  - Tango::ON
  - Tango::RUNNING
  - Tango::FAULT

## 2 - State

- **Description:** This command gets the device state (stored in its *device\_state* data member) and returns it to the caller.
- **Argin:**  
**DEV\_VOID** : none.
- **Argout:**  
**DEV\_STATE** : State Code
- **Command allowed for:**
  - Tango::OFF
  - Tango::ON
  - Tango::RUNNING
  - Tango::FAULT

## 3 - Status

- **Description:** This command gets the device status (stored in its *device\_status* data member) and returns it to the caller.
- **Argin:**  
**DEV\_VOID** : none.

- **Argout:**  
**CONST\_DEV\_STRING** : Status description

- **Command allowed for:**

- Tango::OFF
- Tango::ON
- Tango::RUNNING
- Tango::FAULT

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