



TANGO
Device
Server

Tango Device Server User's Guide

HdbAccessToFile Class

Revision: releasetag - Author: verdier
Implemented in Java

Introduction:

A HdbAccess (cpp class) simulator. It writes data in a file when HDB is down.

Class Identification:

- **Contact** : at esrf.fr - verdier
- **Class Family** : TACO_Interfaces (ESRF Specific)
- **Platform** : All Platforms
- **Bus** : Not Applicable

Class Inheritance:

- fr.esrf.TangoDs.Device_2Impl
 - HdbAccessToFile

Properties:

Device Properties		
Property name	Property type	Description
FilePath	string	Path to write data files
FlushPeriod	Tango::DEV_LONG	Files flushing period in seconds

Device Properties Default Values:

Property Name	Default Values
FilePath	No default value
FlushPeriod	No default value

There is no Class properties.

Commands:

More Details on commands....

Device Commands for Operator Level		
Command name	Argument In	Argument Out
Init	DEV_VOID	DEV_VOID
State	DEV_VOID	DEV_STATE
Status	DEV_VOID	CONST_DEV_STRING
StoreDouble	DEVVAR_DOUBLESTRINGARRAY	DEV_VOID

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:**

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:**

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:**

4 - StoreDouble

- **Description:** Store double value in a file using signal name.

- **Argin:**
DEVVAR_DOUBLESTRINGARRAY : dvalue[0]-> value - svalue[0]-> signal name and optional svalue[1] date of event if different than now

- **Argout:**
DEV_VOID :

- **Command allowed for:**

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