User's Guide

MSCShutter Class

Introduction:

Class Inheritance:

- Tango::Device_3Impl
  - MSCShutter

Properties:

There is no Class properties.
There is no Device Properties.

Attributes:

Scalar Attributes

Attribute name	Data Type	R/W Type	Expert
elapsedTime: Elapsed time of an exposure	DEV_DOUBLE	READ	No

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
Open	DEV_DOUBLE	DEV_VOID
Close	DEV_VOID	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 - Open

- **Description:**

- **Argin:**
  DEV_DOUBLE : opens the shutter for the specified time in seconds

- **Argout:**
  DEV_VOID :

- **Command allowed for:**

5 - Close

- **Description:**

- **Argin:**
  DEV_VOID :

- **Argout:**
  DEV_VOID :

- **Command allowed for:**

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Frame Alert

This document is designed to be viewed using the frames feature. If you see this message, you are using a non-frame-capable web client.
Link to Non-frame version.

Device Commands Description
MSCShutter Class

Revision: release_1_0_3 - Author: buteau

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