



TANGO
Device
Server

TacoDevSpy User's Guide

TacoDevSpy Class

**Revision: - Author: goudard
Implemented in C++ - CVS repository: ESRF**

Introduction:

Spy to record (set-read) variations on a TACO device who have DevReadValue command.

Properties:

Device Properties		
Property name	Property type	Description
TrigLevel	Tango::DEV_FLOAT	Set-Read trigger level.
DeviceName	Tango::DEV_STRING	Name of the taco device to keep a watch on.
NbTripToRecord	Tango::DEV_SHORT	Number of trip to record
NbPointToRecord	Tango::DEV_SHORT	number of point to record per trip.
FileName	Tango::DEV_STRING	name of the logger file.

Device Properties Default Values:

Property Name	Default Values
TrigLevel	No default value
DeviceName	No default value
NbTripToRecord	No default value
NbPointToRecord	No default value
FileName	No default value

There is no Class properties.

States:

States	
Names	Descriptions
ON	Server is scanning device to record currents if (set-read) > TrigLevel.

Attributes:

Spectrum Attributes			
Attribute name	Data Type	X Data Length	Expert
Currents	DEV_DOUBLE	2	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

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::ON

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::ON

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::ON

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