



**TANGO**  
Device  
Server

# **Fluids OPC User's Guide**

## **FluidsStates Class**

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

### **Introduction:**

A class on top of the OPCplc class to translate the states of the fluid circuits read via OPC to TANGO states and status.

### **Class Inheritance:**

- Tango::Device\_4Impl
  - FluidsStates

### **Properties:**

Device Properties		
Property name	Property type	Description
State_tag	Tango::DEV_STRING	Tag to read the state value from.

Device Properties Default Values:

Property Name	Default Values
State_tag	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

### 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:**

TANGO is an open source project hosted by :  
**SOURCEFORGE.NET**<sup>®</sup>

Core and Tools : CVS repository on tango-cs project  
Device Servers : CVS repository on tango-ds project