

## Slicer Tango Cpp Class

### **Contents :**

- [Description](#)
  - [Properties](#)
  - [Commands](#)
    - [State](#)
    - [Status](#)
  - [Attributes](#)
  - [States](#)
- 

### **Slicer Class Identification :**

Contact : at null - null  
Class Family :  
Platform :  
Bus :  
Manufacturer :  
Manufacturer ref. :

### **Slicer Class Inheritance :**

- [Tango::DeviceImpl](#)
  - Slicer

### **Slicer Class Description :**

A device which extracts some numerical data from the data produced (stored in one or several attributes) by other devices

---

## Slicer Properties :

There is no class properties

Device Properties			
Name	Description	Type	Default Value
InputAttributes	Defines the attributes the slicer should extract data from	String[]	none
OutputNames	Defines the names of the dynamically created outputs	String[]	none
Indexes	List of (LineIndex, ColumnIndex) which specify which data the slicer should extract from each of the attributes	String[]	none

---

Slicer Class Commands				
Name	Input type	Output type	Level	Description
<a href="#">State</a>	DEV_VOID	DEV_STATE	OPERATOR	This command gets the device state (stored in its <i>device_state</i> data member) and returns it to the caller.
<a href="#">Status</a>	DEV_VOID	CONST_DEV_STRING	OPERATOR	This command gets the device status (stored in its <i>device_status</i> data member) and returns it to the caller.

---

## Command State :

This command gets the device state (stored in its *device\_state* data member) and returns it to the caller.



State Definition		
Input Argument	Tango::DEV_VOID	none.
Output Argument	Tango::DEV_STATE	State Code
DisplayLevel	OPERATOR	..
Inherited	true	..
Abstract	false	..
Polling Period	Not polled	..
Command allowed for	All states	..

---

### **Command Status :**

This command gets the device status (stored in its *device\_status* data member) and returns it to the caller.

Status Definition		
Input Argument	Tango::DEV_VOID	none.
Output Argument	Tango::CONST_DEV_STRING	Status description
DisplayLevel	OPERATOR	..
Inherited	true	..
Abstract	true	..
Polling Period	Not polled	..
Command allowed for	All states	..

---

**There is no attribute defined.**

---

**There is no dynamic attribute defined.**

---

---

<b>Slicer Class States</b>	
<b>Name</b>	<b>Description</b>
FAULT	Wrong properties configuration
RUNNING	No extraction problems
ALARM	If the extraction failed on at least one attribute.