

## devSLink2 Tango Python Class

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### devSLink2 Class Identification :

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

### devSLink2 Class Inheritance :

- [Tango::DeviceImpl](#)
  - devSLink2

### devSLink2 Class Description :

This class performs the acquisition of energy measures from the S-LINK

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## devSLink2 Properties :

There is no class properties

Device Properties			
Name	Description	Type	Default Value
Dev_com_name	Name of the TCP communication DS	String	LULI/DVP/SLINK_COM1
Scale_1	Set the measures scale for channel one	String	14
Scale_2	Set the measures scale for channel two	String	14
Port	Communication port	short	10001
Dev_record_name	Name of the recording DS	String	LULI/ARC/DVP_101

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devSLink2 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.
<a href="#">Start</a>	DEV_VOID	DEV_VOID	OPERATOR	Established the communication
<a href="#">Stop</a>	DEV_VOID	DEV_VOID	OPERATOR	Stop the acquisitions on Channel one and two and closed the communication
<a href="#">Acquisition</a>	DEV_VOID	DEV_VOID	OPERATOR	Acquire one triggered measure from the S-LINK

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## **Command State :**

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

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

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## **Command Status :**

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

<b>Status Definition</b>		
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	..

### **Command Start :**

Established the communication

<b>Start Definition</b>		
Input Argument	Tango::DEV_VOID	none
Output Argument	Tango::DEV_VOID	none
DisplayLevel	OPERATOR	..
Inherited	false	..
Abstract	false	..
Polling Period	Not polled	..
Command NOT allowed for	<ul style="list-style-type: none"> <li>• RUNNING</li> <li>• ON</li> </ul>	..

### **Command Stop :**

Stop the acquisitions on Channel one and two and closed the communication

<b>Stop Definition</b>		
Input Argument	Tango::DEV_VOID	none
Output Argument	Tango::DEV_VOID	none

DisplayLevel	OPERATOR	..
Inherited	false	..
Abstract	false	..
Polling Period	Not polled	..
Command NOT allowed for	• OFF	..

### **Command Acquisition :**

Acquire one triggered measure from the S-LINK

<b>Acquisition Definition</b>		
Input Argument	Tango::DEV_VOID	none
Output Argument	Tango::DEV_VOID	none
DisplayLevel	OPERATOR	..
Inherited	false	..
Abstract	false	..
Polling Period	Not polled	..
Command NOT allowed for	<ul style="list-style-type: none"> <li>• RUNNING</li> <li>• FAULT</li> <li>• OFF</li> </ul>	..

<b>devSLink2 Class Attributes</b>							
<b>Name</b>	<b>Inherited</b>	<b>Abstract</b>	<b>Attr. type</b>	<b>R/W type</b>	<b>Data type</b>	<b>Level</b>	<b>Description</b>
<a href="#">Energy_1</a>	false	false	Scalar	READ	Tango::DEV_FLOAT	OPERATOR	
<a href="#">Energy_2</a>	false	false	Scalar	READ	Tango::DEV_FLOAT	OPERATOR	

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**There is no dynamic attribute defined.**

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**Attribute Energy\_1 :**

Attribute Definition	
Attribute Type	Scalar
R/W Type	READ
Data Type	Tango::DEV_FLOAT
Display Level	OPERATOR
Inherited	false
Abstract	false
Polling Period	Not polled
Memorized	Not set
Read allowed for	All states

Attribute Properties	
label	
unit	
standard unit	
display unit	
format	
max_value	
min_value	
max_alarm	
min_alarm	
max_warning	
min_warning	
delta_time	
delta_val	

Attribute Event Criteria	
Periodic	Not set
Relative Change	Not set
Absolute Change	Not set
Archive Periodic	Not set
Archive Relative Change	Not set
Archive Absolute Change	Not set
Push Change event by user code	false
Push Archive event by user code	false
Push DataReady event by user code	Not set

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**Attribute Energy\_2 :**

Attribute Definition	
Attribute Type	Scalar
R/W Type	READ
Data Type	Tango::DEV_FLOAT
Display Level	OPERATOR
Inherited	false
Abstract	false
Polling Period	Not polled
Memorized	Not set
Read allowed for	All states

Attribute Properties	
label	
unit	
standard unit	
display unit	
format	
max_value	
min_value	
max_alarm	
min_alarm	
max_warning	
min_warning	
delta_time	
delta_val	

Attribute Event Criteria	
Periodic	Not set
Relative Change	Not set
Absolute Change	Not set
Archive Periodic	Not set
Archive Relative Change	Not set
Archive Absolute Change	Not set
Push Change event by user code	false
Push Archive event by user code	false
Push DataReady event by user code	Not set

Name	Description
RUNNING	device is recording data
ON	connection established
OFF	connection stopped