

## SmarActSCUCtrl Tango Cpp Class

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### SmarActSCUCtrl Class Identification :

Contact : at desy.de - johannes.blume  
Class Family : Motion  
Platform : Unix Like  
Bus : Not Applicable  
Manufacturer : Smaract  
Manufacturer :  
ref. <http://www.smaract.de/index.php/products/controlsystems/scu>

### SmarActSCUCtrl Class Inheritance :

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

### SmarActSCUCtrl Class Description :

Class to control a Smaract HCU-1D/3D or CU-1D/3D controller

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### SmarActSCUCtrl Properties :

There is no class properties

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Device Properties			
Name	Description	Type	Default Value
HostName	Hostname / IP address of terminal server	String	none
DeviceFile	file name of tty device	String	none
BaudRate	BaudRate if connected via RS232	int	0
ConnectType	`net` for terminal server, `serial` for rs232	String	none
PortNumber	Port number on terminal server	String	none

SmarActSCUCtrl 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 device_state 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 device_status data member) and returns it to the caller.
<a href="#">WriteRead</a>	DEV_STRING	DEV_STRING	OPERATOR	Write command and return reply
<a href="#">Write</a>	DEV_STRING	DEV_VOID	OPERATOR	Write command that has no reply

### **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	Device state
DisplayLevel	OPERATOR	..
Inherited	true	..
Abstract	true	..
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.

<b>Status Definition</b>		
Input Argument	Tango::DEV_VOID	none
Output Argument	Tango::CONST_DEV_STRING	Device status
DisplayLevel	OPERATOR	..
Inherited	true	..
Abstract	true	..
Polling Period	Not polled	..
Command allowed for	All states	..

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### **Command WriteRead :**

Write command and return reply

<b>WriteRead Definition</b>		
Input Argument	Tango::DEV_STRING	Command
Output Argument	Tango::DEV_STRING	Reply
DisplayLevel	OPERATOR	..
Inherited	false	..
Abstract	false	..
Polling Period	Not polled	..
Command allowed for	All states	..

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### **Command Write :**

Write command that has no reply

Write Definition		
Input Argument	Tango::DEV_STRING	Command
Output Argument	Tango::DEV_VOID	
DisplayLevel	OPERATOR	..
Inherited	false	..
Abstract	false	..
Polling Period	Not polled	..
Command allowed for	All states	..

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**There is no attribute defined.**

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**There is no dynamic attribute defined.**

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SmarActSCUctrl Class States	
Name	Description
ON	
FAULT	