

LCXCameraCtrl Tango Cpp Class

Contents :

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

LCXCameraCtrl Class Identification :

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Class Family : Acquisition

Platform : Unix Like

Bus : Socket

Manufacturer : Roper Scientific

Manufacturer : LCX
ref.

LCXCameraCtrl Class Inheritance

:

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

LCXCameraCtrl Class Description :

Class for connecting via socket to the perl server for the LCX Camera.

LCXCameraCtrl Properties :

There is no class properties

Device Properties			
Name	Description	Type	Default Value
PortNb	Perl Server port number.	int	9001
IpAddr	Ip address of the windows computer with the camera server	String	none
SimulationMode	0 -> real mode, 1 -> simulation mode	int	0

LCXCameraCtrl Class Commands				
Name	Input type	Output type	Level	Description
State	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.
Status	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.
WriteReadSocket	DEV_STRING	DEV_STRING	OPERATOR	Writes a command to the socket and gets the answer.
CloseSocket	DEV_VOID	DEV_VOID	OPERATOR	Close socket connection.

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	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.

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	..

Command WriteReadSocket :

Writes a command to the socket and gets the answer.

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

Command CloseSocket :

Close socket connection.

CloseSocket Definition		
Input Argument	Tango::DEV_VOID	
Output Argument	Tango::DEV_VOID	
DisplayLevel	OPERATOR	..
Inherited	false	..
Abstract	false	..

Polling Period	Not polled	..
Command allowed for	All states	..

There is no attribute defined.

There is no dynamic attribute defined.

LCXCameraCtrl Class States	
Name	Description
ON	Connection open.
FAULT	Problems in connection.