

devTCP Tango Python Class

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devTCP Class Identification :

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

devTCP Class Inheritance :

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

devTCP Class Description :

devTCP Properties :

There is no class properties

Device Properties			
Name	Description	Type	Default Value
IpAdress	The ip adress use to establish a communication	String	none
BufferSize	The buffer size for the recieved frame	short	none

devTCP 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.
Open	DEV_LONG	DEV_STRING	OPERATOR	Open the communication
Close	DEV_VOID	DEV_STRING	OPERATOR	close the communication
Send	DEV_STRING	DEV_STRING	OPERATOR	Send a command
Receive	DEV_SHORT	DEV_STRING	OPERATOR	Read an answer

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 Open :

Open the communication

Open Definition		
Input Argument	Tango::DEV_LONG	The port number if you need to communicate with an other than the property
Output Argument	Tango::DEV_STRING	The error code
DisplayLevel	OPERATOR	..
Inherited	false	..
Abstract	false	..
Polling Period	Not polled	..
Command allowed for	All states	..

Command Close :

close the communication

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

Command Send :

Send a command

Send Definition		
Input Argument	Tango::DEV_STRING	
Output Argument	Tango::DEV_STRING	The error code
DisplayLevel	OPERATOR	..
Inherited	false	..
Abstract	false	..
Polling Period	Not polled	..
Command allowed for	All states	..

Command Receive :

Read an answer

Receive Definition		
Input Argument	Tango::DEV_SHORT	Buffer size, -1 to use the device BufferSize property
Output Argument	Tango::DEV_STRING	The TCP answer or the error code
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.

devTCP Class States	
Name	Description
OPEN	The communication is open
CLOSE	The communication is closed
FAULT	Communication error