

PiezoNV40Ctrl Tango Cpp Class

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PiezoNV40Ctrl Class Identification :

Contact : at desy.de - johannes.blume
 Class Family : Motion
 Platform : Unix Like
 Bus : Not Applicable
 Manufacturer : piezosystem jena GmbH
 Manufacturer :
 ref. http://www.piezosystem.com/nanopositioning/piezo_controller/piezo_controller_3_channel_version/nv_403/

PiezoNV40Ctrl Clas Inheritance :

- [Tango::Devicelm](#)
 - PiezoNV40

PiezoNV40Ctrl Class Description :

Controller class for PiezoNV40 voltage controller

PiezoNV40Ctrl Properties :

There is no class properties

Device Properties			
Name	Description	Type	Default Value
HostName	hostname if connected via terminal server	String	""
DeviceFile	device file name if connected via rs232	String	""
ConnectType	either `net` (for terminal server connections) or `serial` (for rs232 connection)	String	""
PortNumber	port number if connected via terminal server	int	0
BaudRate	baudrate if connected via rs232	int	0

PiezoNV40Ctrl Class Commands				
Name	Input type	Output type	Level	Description

State	DEV_VOID	DEV_STATE	OPERATOR	This command gets the device state (stored in its device_state data member) and returns it to the caller.
Status	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.
WriteRead	DEV_STRING	DEV_STRING	OPERATOR	None.
Write	DEV_STRING	DEV_VOID	OPERATOR	None.

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.

Status Definition		
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	..

Command WriteRead :

WriteRead Definition		
Input Argument	Tango::DEV_STRING	
Output Argument	Tango::DEV_STRING	
DisplayLevel	OPERATOR	..
Inherited	false	..
Abstract	false	..

Polling Period	Not polled	..
Command NOT allowed for	• FAULT	..

Command Write :

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

There is no attribute defined.

There is no dynamic attribute defined.

PiezoNV40Ctrl Class States	
Name	Description
FAULT	
ON	