

KMTronicRelay Tango Cpp Class

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KMTronicRelay Class Identification :

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Class Family : Instrumentation
Platform : Unix Like
Bus : USB
Manufacturer : KMTronic
Manufacturer ref. : TwoRelayController

KMTronicRelay Class Inheritance :

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

KMTronicRelay Class Description :

Class for the TwoServer for controlling the Two Relay Controller from KMTronic.

KMTronicRelay Properties :

There is no class properties

Device Properties			
Name	Description	Type	Default Value
TerminalPort	Name of the usb device (ex. /dev/ttyUSB0)	String	none

KMTronicRelay 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.

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	..
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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.

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	..

KMTronicRelay Class Attributes							
Name	Inherited	Abstract	Attr. type	R/W type	Data type	Level	Description
Relay1	false	false	Scalar	READ_WRITE	Tango::DEV_LONG	OPERATOR	Set relay off (0) or on (1). Reads the last set value.
Relay2	false	false	Scalar	READ_WRITE	Tango::DEV_LONG	OPERATOR	Set relay off (0) or on (1). Reads the last set value.

There is no dynamic attribute defined.

Attribute Relay1 :

Set relay off (0) or on (1). Reads the last set value.

Attribute Definition	
Attribute Type	Scalar
R/W Type	READ_WRITE
Data Type	Tango::DEV_LONG
Display Level	OPERATOR
Inherited	false
Abstract	false
Polling Period	Not polled
Memorized	true
Write hardware at init.	Not set
Read allowed for	All states
Write allowed for	All states

Attribute Properties	
label	
unit	(0->off, 1->on)
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	false

Attribute Relay2 :

Set relay off (0) or on (1). Reads the last set value.

Attribute Definition	
Attribute Type	Scalar
R/W Type	READ_WRITE
Data Type	Tango::DEV_LONG
Display Level	OPERATOR
Inherited	false
Abstract	false
Polling Period	Not polled
Memorized	true
Write hardware at init.	Not set
Read allowed for	All states
Write allowed for	All states

Attribute Properties	
label	
unit	(0->off, 1->on)
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	false

There is no state defined