

WagoScreen Tango Cpp Class

Contents :

- [Description](#)
 - [Properties](#)
 - [Commands](#)
 - [State](#)
 - [Status](#)
 - [Insert](#)
 - [Extract](#)
 - [Attributes](#)
 - [States](#)
-

WagoScreen Class Identification :

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

WagoScreen Class Inheritance :

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

WagoScreen Class Description :

class to handle a screen jacks controlled via a wago controller.
A screen jack should have a digital output to send the command
2 digital inputs to detect the position of the screen jack.

WagoScreen Properties :

There is no class properties

Device Properties			
Name	Description	Type	Default Value
Modbus_name	name of the modbus TANGO device	String	none
Output_channel	Position index of the digital output. From 0 for the first output to nb_output_module - 1.	short	none
Ext_limit_channel	Position index of the digital input of the extracted limit switch. From 0 for the first input to nb_input_module - 1. If this property is not set, only the Inserted limit switch will be taken in account	short	none
In_limit_channel	Position index of the digital input of the inserted limit switch. From 0 for the first input to nb_input_module - 1. If this property is not set, the state will be calculated using the output bit only.	short	none

WagoScreen 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.
Insert	DEV_VOID	DEV_VOID	OPERATOR	Insert the screen
Extract	DEV_VOID	DEV_VOID	OPERATOR	extract the screen

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 Insert :

Insert the screen

Insert 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	..

Command Extract :

extract the screen

Extract 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.

There is no state defined