

PetraBeamlineInfo Tango Python Class

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PetraBeamlineInfo Class Identification :

Contact : at mail.desy.de - tnonez
 Class Family : BeamDiagnostics
 Platform : Unix Like
 Bus : Not Applicable
 Manufacturer : none
 Manufacturer ref. :

PetraBeamlineInfo Class Inheritance :

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

PetraBeamlineInfo Class Description :

Collect relevant info from different Tango Devices

PetraBeamlineInfo Properties :

There is no class properties

Device Properties			
Name	Description	Type	Default Value
AttributesToCollect	Full path of the attributes to be displayed as dynamic attributes. Ex. hasppXY:10000/my/device/name/attribute The dynamic attribute will be created with the full name or with	String[]	none

a selected one if this is added to the property enclosed by -.
hasppXY:10000/my/device/name/attribute-myalias-

PetraBeamlineInfo 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	..

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	..

There is no attribute defined.

PetraBeamlineInfo Class Dynamic Attributes							
Name	Inherited	Abstract	Attr. type	R/W type	Data type	Level	Description
UserDynamicAttributeR	false	false	Scalar	READ	Tango::DEV_DOUBLE	OPERATOR	
UserDynamicAttributeRW	false	false	Scalar	READ_WRITE	Tango::DEV_DOUBLE	OPERATOR	

Dynamic attribute UserDynamicAttributeR :

Attribute Definition	
Attribute Type	Scalar
R/W Type	READ
Data Type	Tango::DEV_DOUBLE
Display Level	OPERATOR
Inherited	false
Abstract	false
Polling Period	Not polled
Memorized	Not set
Read allowed for	All states

Attribute Properties	
label	
unit	
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
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Dynamic attribute UserDynamicAttributeRW :

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

Attribute Properties	
label	
unit	
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

PetraBeamlineInfo Class States	
Name	Description
ON	
FAULT	