**TANGO Device Server
User's Guide**

HqpsRotMachine Class

Revision: releasetag - Author: goudard
Implemented in Python

Introduction:

This class is a high level class for the HQPS system. Each device is the summary of state and status for each HQPS rotating machine. One rotating machine means: One accumulator, one alternator, 3 circuit breakers (dlvx, d1 and d2), one transformer and one common

Class Identification:

- **Contact :** at esrf.fr - goudard
- **Class Family :** Hqps (Specific Specific)
- **Platform :** All Platforms
- **Bus :** Not Applicable

Class Inheritance:

- PyTango.Device_4Impl
  - HqpsRotMachine

Properties:

Device Properties		
Property name	**Property type**	**Description**
Devices	Tango::DEVVAR_STRINGARRAY	Low level devices name

Device Properties Default Values:

Property Name	Default Values
Devices	No default value

There is no Class properties.

Commands:

More Details on commands....

Device Commands for Operator Level		
Command name	**Argument In**	**Argument Out**
Init	DEV_VOID	DEV_VOID
State	DEV_VOID	DEV_STATE
Status	DEV_VOID	CONST_DEV_STRING

1 - Init

- **Description:** This commands re-initialise a device keeping the same network connection.
  After an Init command executed on a device, it is not necessary for client to re-connect to the device.
  This command first calls the device *delete_device()* method and then execute its *init_device()* method.
  For C++ device server, all the memory allocated in the *nit_device()* method must be freed in the *delete_device()* method.
  The language device desctructor automatically calls the *delete_device()* method.

- **Argin:**
  DEV_VOID : none.

- **Argout:**
  DEV_VOID : none.

- **Command allowed for:**

2 - State

- **Description:** This command gets the device state (stored in its *device_state* data member) and returns it to the caller.

- **Argin:**
  DEV_VOID : none.

- **Argout:**
  DEV_STATE : State Code

- **Command allowed for:**

3 - Status

- **Description:** This command gets the device status (stored in its *device_status* data member) and returns it to the caller.

- **Argin:**
  DEV_VOID : none.

- **Argout:**
  CONST_DEV_STRING : Status description

- **Command allowed for:**