

## GaliIDMCtrl Tango Cpp Class

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### GaliIDMCtrl Class Identification :

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Class Family : Motion

Platform : Unix Like

Bus : Ethernet

Manufacturer : none

Manufacturer ref. :

### GaliIDMCtrl Class Inheritance

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

### GaliIDMCtrl Class Description :

ther server that exports the connection to the Galil controller

## GalilDMCctrl Properties :

There is no class properties

| Device Properties |             |        |               |
|-------------------|-------------|--------|---------------|
| Name              | Description | Type   | Default Value |
| HostName          |             | String | none          |
| PortNo            |             | int    | none          |
| SimulationMode    |             | int    | none          |

| GalilDMCctrl Class Commands      |            |                  |          |  |
|----------------------------------|------------|------------------|----------|--|
| Name                             | Input type | Output type      | Level    | Description  |
| <a href="#">State</a>            | 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.   |
| <a href="#">Status</a>           | 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. |
| <a href="#">Write_read</a>       | DEV_STRING | DEV_STRING       | OPERATOR | writes a string to the Galil device and returns the answer   |
| <a href="#">ReadAllRemaining</a> | DEV_VOID   | DEV_STRING       | OPERATOR | this command reads all remaining   |

|  |  |  |                                     |
|--|--|--|-------------------------------------|
|  |  |  | characters, esp. for error recovery |
|--|--|--|-------------------------------------|

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### **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       | ..         |

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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 | Status description |
| DisplayLevel      | OPERATOR                | ..                 |
|                   |                         |                    |

|                     |            |    |
|---------------------|------------|----|
| Inherited           | true       | .. |
| Abstract            | true       | .. |
| Polling Period      | Not polled | .. |
|                     |            |    |
| Command allowed for | All states | .. |

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### **Command Write\_read :**

writes a string to the Galil device and returns the answer

| <b>Write_read Definition</b> |                   |    |
|------------------------------|-------------------|----|
| Input Argument               | Tango::DEV_STRING |    |
| Output Argument              | Tango::DEV_STRING |    |
| DisplayLevel                 | OPERATOR          | .. |
| Inherited                    | false             | .. |
| Abstract                     | false             | .. |
| Polling Period               | Not polled        | .. |
|                              |                   |    |
| Command allowed for          | All states        | .. |

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### **Command ReadAllRemaining :**

this command reads all remaining characters, esp. for error recovery

| <b>ReadAllRemaining Definition</b> |                   |  |
|------------------------------------|-------------------|--|
| Input Argument                     | Tango::DEV_VOID   |  |
| Output Argument                    | Tango::DEV_STRING |  |

|                     |            |    |
|---------------------|------------|----|
| DisplayLevel        | OPERATOR   | .. |
| Inherited           | false      | .. |
| Abstract            | false      | .. |
| Polling Period      | Not polled | .. |
|                     |            | .. |
| Command allowed for | All states | .. |

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**There is no attribute defined.**

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**There is no dynamic attribute defined.**

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**There is no state defined**