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DvG_QDeviceIO.py
v0.0.8
```

Dependencies: numpy PyQt5 DvG debug functions

```
<<PyQt5.QtCore.QObject>>
ODeviceIO
 <<PyQt5.QtCore.pyqtSignal>>
 signal DAQ updated()
 signal send updated()
 signal DAQ paused()
 signal_connection_lost()
  init ()
 attach device(dev)
 create worker DAQ(**kwargs)
 create worker send(**kwargs)
 start(
    DAQ priority: PyQt5.QtCore.QThread.Priority,
    send priority: PyOt5.OtCore.OThread.Priority)
 quit()
 pause DAQ()
 unpause DAQ()
 wake up DAQ()
 send(instruction, pass args)
 add to send queue(instruction, pass args)
 process_send_queue()
             : {linked I/O device class}
             : str
   .name
             : PyQt5.QtCore.QMutex()
   .mutex
   .is alive : bool
 worker DAQ : QDeviceIO.Worker DAQ()
 worker send : QDeviceIO.Worker send()
 update counter DAQ
 update counter send
 not alive counter DAQ
 obtained DAQ interval ms
 obtained DAQ rate Hz
```

```
1
                                                                     @InnerClassDescriptor
                 @InnerClassDescriptor
                                                <<PyOt5.OtCore.OObject>>
<<PyQt5.QtCore.QObject>>
                                               ODeviceIO.Worker DAO
QDeviceIO.Worker send
                                                 init (
  init (
                                                                  : DAQ trigger,
                                                    DAO trigger
    jobs function : function,
                                                   DAQ function
                                                                 : function.
    DEBUG
                 : bool)
                                                   DAO interval ms : int,
 add to queue(instruction, pass args)
                                                    DAO timer type : PyOt5.QtCore.Qt.TimerType,
 process queue()
                                                    critical not alive count : int,
 queued_instruction(instruction, pass_args)
                                                    calc DAQ rate every N iter : int | str,
                                                    DEBUG
                                                                              : bool)
               : {linked I/O device class}
                                                 pause()
 jobs function : None | function
                                                 unpause()
 DEBUG
               : bool
                                                 wake up()
 DEBUG color : None | str
                                                 dev
                                                              : {linked I/O device class}
                                                 DAO function : function
                                                 critical not alive count : int
                                                 calc DAQ rate every N iter : int
                                                              : bool
                                                 DEBUG
                                                 DEBUG color : None | str
                @enum.unique
      <<enum.IntEnum>>
      DAQ trigger
       INTERNAL TIMER
       SINGLE SHOT WAKE UP
       CONTINUOUS
```