

picodaqa.BufferMan.BufferMan
BMbuf BMlock : lock NBuffers NChannels NSamples Ntrig : int RUNNING : bool Ttrig : int consumer_ques : list ibufr : int lifefrac : float mpQues : list prod_que : deque rawDAQproducer readrate : float request_ques : list timeStamp verbose : int
BMregister() BMregister_mpQ() acquireData() end() getEvent() getStatus() manageDataBuffer() run() setverbose()

picodaqa.Oscilloscope.Oscilloscope
BM : NoneType CRanges ChanColors N0 : int NChannels NSamples SamplingPeriod T0 TSampling TUnit : str animtxtOs axes : list fig graphsOs : tuple n0 : int picoChannels pretrig samplingTimes : tuple trgActive trgChan trgThr trgTyp
init()

picodaqa.RMeter.RMeter
BM : NoneType N0 : int Npoints : int R T0 animtxt axes fig line1 maxRate : float n0 : int t0 xplt : tuple
init()

picodaqa.VoltMeter.VoltMeter
CRanges ChanColors NChannels Npoints : int V Vhist Wtime animtxt axbar1 axbar2 axes : list bgraph1 bgraph2 bwidth : float fig graphs : tuple ind ix : tuple picoChannels stdV stdVhist t0
init()

picodaqa.picoConfig.PSconfig
BM CRanges : list ChanColors : list ChanModes ChanOffsets ChanRanges : list NChannels NSamples : float Nsamples : int PkToPkSG : float TSampling : float dwellTimeSG : float frqSG : float mode : str offsetVoltageSG : float picoChannels : list picoDevObj : PS2000a pretrig : float rawBuf sampleTime : float stopFreqSG swpSG : str trgActive : bool trgChan : str trgDelay : int trgTO : int trgThr trgTyp : str verbose : int waveTypeSG : str
acquirePicoData() picoIni() setBufferManagerPointer() setSamplingPars()

picodaqa.plotBufManInfo.plotBufManInfo
BM Npoints : int R animtxt axes fig line1 maxRate : float n0 : int ro : float t0 xplt : tuple
init()