

SampleBlock< T >

- blocks

- channels

- homogenous

- curr_block

- types_ordered

- types_input

- block_info

- samples

+ SampleBlock()

+ ~SampleBlock()

+ getNrOfBlocks()

+ getNrOfChannels()

+ getNrOfSamples()

+ getNrOfSignalTypes()

+ deleteSamples()

+ reset()

+ at()

+ operator[]()

+ init()

+ getTypes()

+ getSamples()

+ getFlagByNr()

+ getSignalByFlag()

+ getSignalByNr()

+ appendBlock()

+ setSamples()

- sort()

- checkBlockIntegrity()

SampleBlock< double >

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- checkBlockIntegrity()

Constants

+ tobi

+ subject

+ s_id

+ s_name

+ s_sex

+ s_birthday

+ ss

+ ss_tcp

+ ss_udp

+ hardware

+ hardware_name

+ hardware_version

+ hardware_serial

+ hw_mode

+ hw_ds

+ hw_fs

+ hw_channels

+ hw_ch_nr

+ hw_ch_names

+ hw_ch_type

+ hw_buffer

+ hw_fil

+ hw_fil_type

+ hw_fil_order

+ hw_fil_low

+ hw_fil_high

+ hw_not

+ hw_not_center

+ hw_opmode

+ hw_sc

+ hw_usbampmaster

+ hw_comgnd

+ hw_gnd

+ hw_gnd_block

+ hw_gnd_value

+ hw_comref

+ hw_cr

+ hw_cr_block

+ hw_cr_value

+ hw_cs

+ hw_sel

+ hw_cs_ch

+ hw_cs_nr

+ hw_cs_name

+ hw_bip

+ hw_bip_with

+ hw_drl

+ hw_drl_value

- supported_hardware

- signaltypes

- usbamp_filterTypes

- usbamp_opModes

- usbamp_blockNames

+ Constants()

+ ~Constants()

+ isSupportedHardware()

+ isSineGen()

+ isUSBamp()

+ isMobilab()

+ equalsOnOrOff()

+ equalsMaster()

+ equalsSlave()

+ getUSBampFilter()

+ getUSBampOpMode()

+ getUSBampBlockNr()

+ getSignalFlag()

HWThread

nr_ch

fs

samples_available

blocks

master

cond

rw

sync_mut

channel_info

homogenous_signal_type

channel_types

m

m_gs

m_cs

cst

data

+ HWThread()

+ HWThread()

+ ~HWThread()

+ getName()

+ isMaster()

+ hasHomogenousSignalType()

+ getNrOfBlocks()

+ getSamplingRate()

+ getNrOfChannels()

+ getChannelTypes()

+ getChannelInfoMap()

+ samplesAvailable()

+ checkMandatoryHardwareTags()

+ getSyncData()

+ getAsyncData()

+ run()

setSamplingRate()

setDeviceChannels()

setBlocks()

setChannelSelection()

setChannelTypes()

isNumber()

_GND

+ GND1

+ GND2

+ GND3

+ GND4

_REF

+ ref1

+ ref2

+ ref3

+ ref4

USBamp

- enable_sc

- buffersize

- driver_buffer

- h

- data_Ev

- ov

- channels

- channels_per_dev

- ch

- filter_id

- notch_id

- ground

- reference

- mode

+ USBamp()

+ ~USBamp()

+ getSyncData()

+ getAsyncData()

+ run()

- getHandles()

- initUSBamp()

- acquireLoop()

