SendSetpoints Class Reference

`#include <SendSetpoints.h>`

Public Types

enum **TreadmillProperty** {
ZERO, **ACCEL**, **DECEL**, **SPEED**,
INCLIN
}

enum **SetpointType** { **NormalSetpoint**, **FeedbackRegistrationSetpoint** }

Public Member Functions

void **setUseLibraryStatus** (bool useLibCheckBox)

void **sendSetpoints** (**TreadmillProperty** mproperty, **SetpointType** mt)

void **sendSetpointsDirectly** (**TreadmillProperty** mproperty, **SetpointType** mt)

void **sendSetpointsLibrary** (bool useLibCheckBox)

void **setRightFrontSpeedValue** (double mrightFrontSpeedValue)

void **setLeftFrontSpeedValue** (double mleftFrontSpeedValue)

void **setAccelerationValue** (double mAccelValue)

void **setDecelerationValue** (double mdecelValue)

void **setSocket** (QAbstractSocket *mSocket)

void **setUseMaxSpeed** (bool mMaxSpeedChecked)

void **setMaxRightSpeed** (double mMaxRightSpeed)

void **setMaxLeftSpeed** (double mMaxLeftSpeed)

double **getMaxRightSpeed** ()

double **getMaxLeftSpeed** ()

bool **checkSocketConnection** ()

Static Public Member Functions

static **SendSetpoints** * **getInstance** ()

Detailed Description

Definition at line **10** of file **SendSetpoints.h**.

Member Enumeration Documentation

◆ SetpointType

enum **SendSetpoints::SetpointType**

Enumerator	
NormalSetpoint	
FeedbackRegistrationSetpoint	

Definition at line **26** of file **SendSetpoints.h**.

◆ TreadmillProperty

enum **SendSetpoints::TreadmillProperty**

Enumerator	
ZERO	
ACCEL	
DECEL	
SPEED	
INCLIN	

Definition at line **17** of file **SendSetpoints.h**.

Member Function Documentation

◆ checkSocketConnection()

bool SendSetpoints::checkSocketConnection ( )

Definition at line **20** of file **SendSetpoints.cpp**.

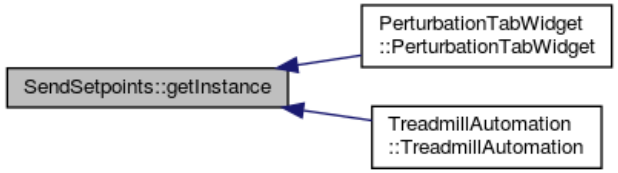
Here is the caller graph for this function:

◆ getInstance()

SendSetpoints * SendSetpoints::getInstance ( ) static

Definition at line **10** of file **SendSetpoints.cpp**.

Here is the caller graph for this function:



◆ getMaxLeftSpeed()

double SendSetpoints::getMaxLeftSpeed ( )

Definition at line **276** of file **SendSetpoints.cpp**.

◆ getMaxRightSpeed()

double SendSetpoints::getMaxRightSpeed ( )

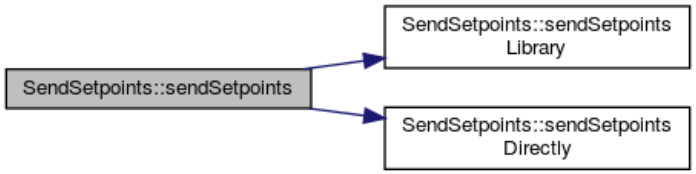
Definition at line **266** of file **SendSetpoints.cpp**.

◆ sendSetpoints()

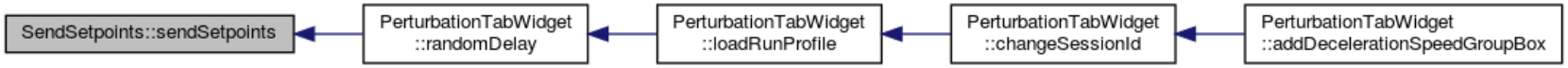
void SendSetpoints::sendSetpoints (**TreadmillProperty** mproperty,
SetpointType mt
)

Definition at line **92** of file **SendSetpoints.cpp**.

Here is the call graph for this function:



Here is the caller graph for this function:



◆ sendSetpointsDirectly()

void SendSetpoints::sendSetpointsDirectly (**TreadmillProperty** mproperty,
SetpointType mt
)

Definition at line **110** of file **SendSetpoints.cpp**.

Here is the caller graph for this function:

◆ sendSetpointsLibrary()

void SendSetpoints::sendSetpointsLibrary (bool useLibCheckBox)

Definition at line **251** of file **SendSetpoints.cpp**.

Here is the caller graph for this function:

◆ setAccelerationValue()

void SendSetpoints::setAccelerationValue (double mAccelValue)

Definition at line **47** of file **SendSetpoints.cpp**.

Here is the caller graph for this function:

◆ setDecelerationValue()

void SendSetpoints::setDecelerationValue (double mdecelValue)

Definition at line **59** of file **SendSetpoints.cpp**.

Here is the caller graph for this function:

◆ setLeftFrontSpeedValue()

void SendSetpoints::setLeftFrontSpeedValue (double mleftFrontSpeedValue)

Definition at line **78** of file **SendSetpoints.cpp**.

Here is the caller graph for this function:

◆ setMaxLeftSpeed()

void SendSetpoints::setMaxLeftSpeed (double mMaxLeftSpeed)

Definition at line **271** of file **SendSetpoints.cpp**.

◆ setMaxRightSpeed()

void SendSetpoints::setMaxRightSpeed (double mMaxRightSpeed)

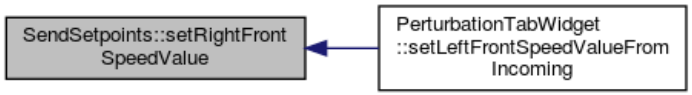
Definition at line **261** of file **SendSetpoints.cpp**.

◆ setRightFrontSpeedValue()

void SendSetpoints::setRightFrontSpeedValue (double mrightFrontSpeedValue)

Definition at line **64** of file **SendSetpoints.cpp**.

Here is the caller graph for this function:



◆ setSocket()

void SendSetpoints::setSocket (QAbstractSocket * mSocket)

Definition at line **35** of file **SendSetpoints.cpp**.

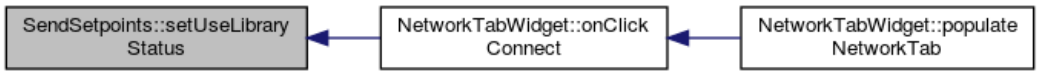
Here is the caller graph for this function:

◆ setUseLibraryStatus()

void SendSetpoints::setUseLibraryStatus (bool useLibCheckBox)

Definition at line **5** of file **SendSetpoints.cpp**.

Here is the caller graph for this function:



◆ setUseMaxSpeed()

void SendSetpoints::setUseMaxSpeed (bool mMaxSpeedChecked)

Definition at line **256** of file **SendSetpoints.cpp**.

The documentation for this class was generated from the following files:

- include/**SendSetpoints.h**
- src/**SendSetpoints.cpp**