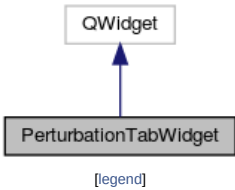


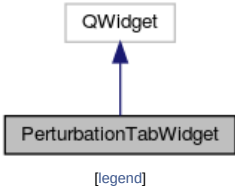
PerturbationTabWidget Class Reference

```
#include <PerturbationTabWidget.h>
```

Inheritance diagram for PerturbationTabWidget:



Collaboration diagram for PerturbationTabWidget:



Public Slots

void	showTimer	(bool state)
void	randomDelay	()
void	loadRunProfile	()
void	showSubjectView	()
void	checkFileExists	()
void	changeParticipantId	(QString participantId)
void	changeSessionId	(QString session)
void	daqReconnect	()

Public Member Functions

	PerturbationTabWidget	(QWidget *parent=0, Qt::WindowFlags flags=0)
	~PerturbationTabWidget	()
double	getLeftFrontSpeedValue	()
double	getRightFrontSpeedValue	()
double	getAccelerationValue	()
double	getAccelerationTimeValue	()
double	getDecelerationValue	()
double	getDecelerationTimeValue	()
void	setLeftFrontSpeedValueFromIncoming	(qint16 mleftFrontSpeedValue)

void	setRightFrontSpeedValueFromIncoming (qint16 mrightFrontSpeedValue)
void	setUseLibraryStatus (bool useLibCheckBox)
void	setSocket (QAbstractSocket *socket)
void	addDecelerationSpeedGroupBox ()
double	calculateSpeed ()
void	addTrialRunName ()
void	closeSubjectInterfaceWindow ()
void	closeInstrumentationPanel ()

Public Attributes

bool	useLibraryCheckBoxStatus
------	--

Detailed Description

Definition at line 54 of file [PerturbationTabWidget.h](#).

Constructor & Destructor Documentation

◆ PerturbationTabWidget()

```
PerturbationTabWidget::PerturbationTabWidget ( QWidget *      parent = 0,
                                         Qt::WindowFlags flags = 0
                                         )
```

Definition at line 4 of file [PerturbationTabWidget.cpp](#).

Here is the call graph for this function:

```
graph LR
    A[PerturbationTabWidget::PerturbationTabWidget] --> B[SendSetpoints::getInstance]
```

◆ ~PerturbationTabWidget()

PerturbationTabWidget::~PerturbationTabWidget ()

Definition at line 25 of file [PerturbationTabWidget.cpp](#).

Here is the call graph for this function:



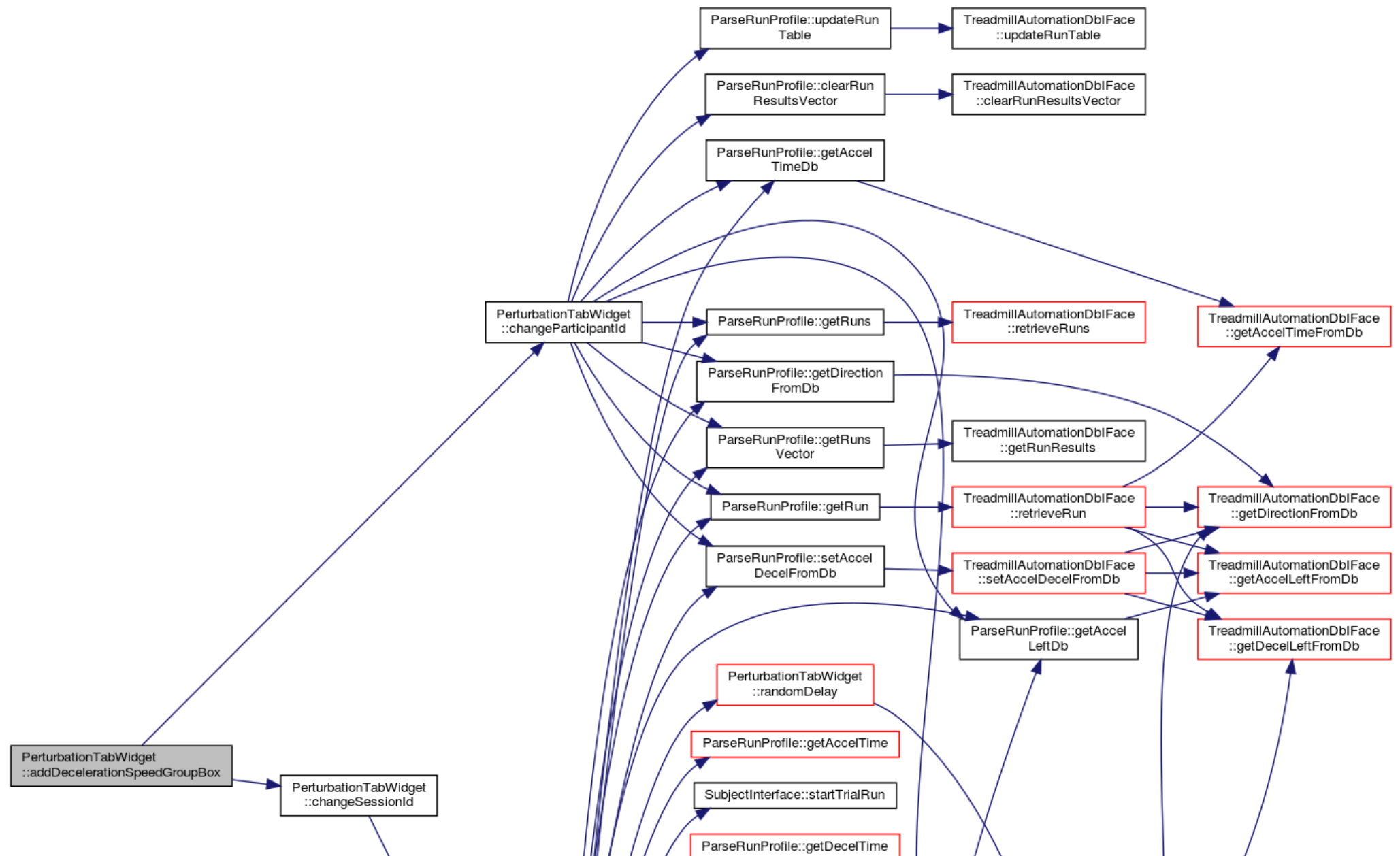
Member Function Documentation

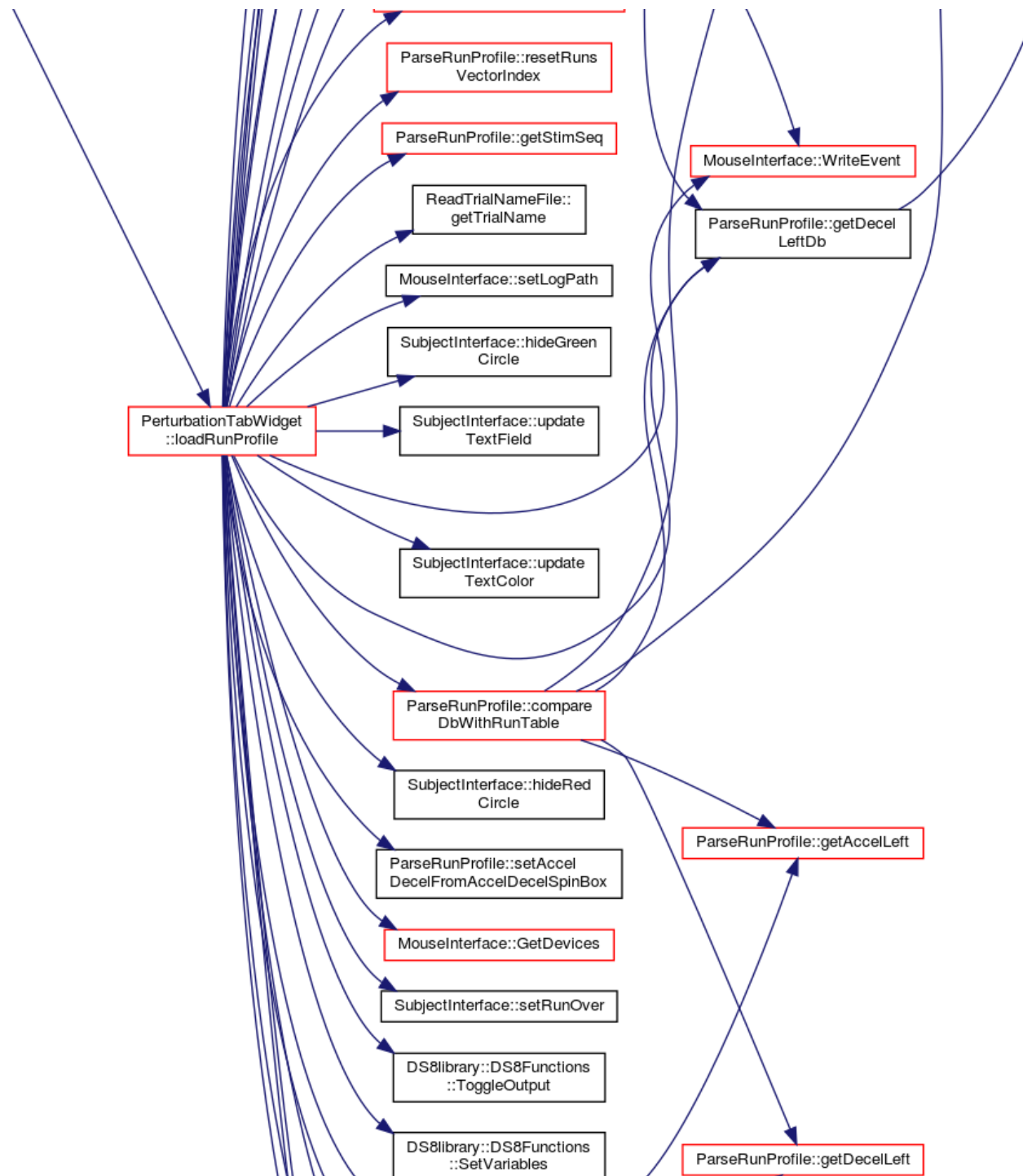
◆ `addDecelerationSpeedGroupBox()`

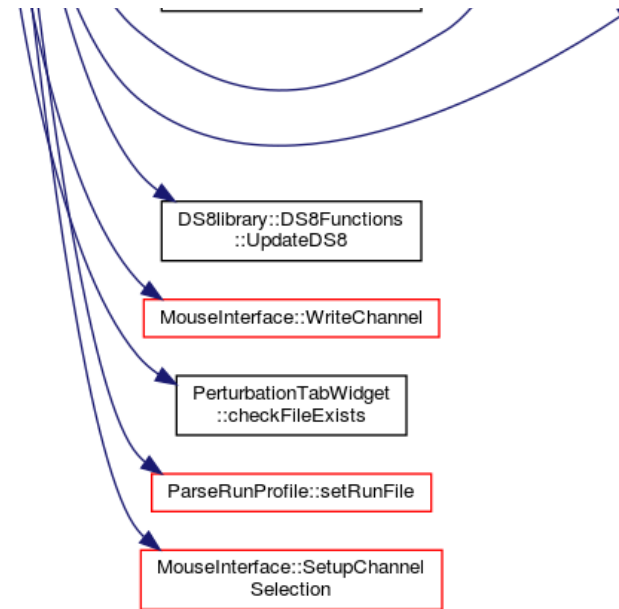
void PerturbationTabWidget::addDecelerationSpeedGroupBox ()

Definition at line 170 of file [PerturbationTabWidget.cpp](#).

Here is the call graph for this function:





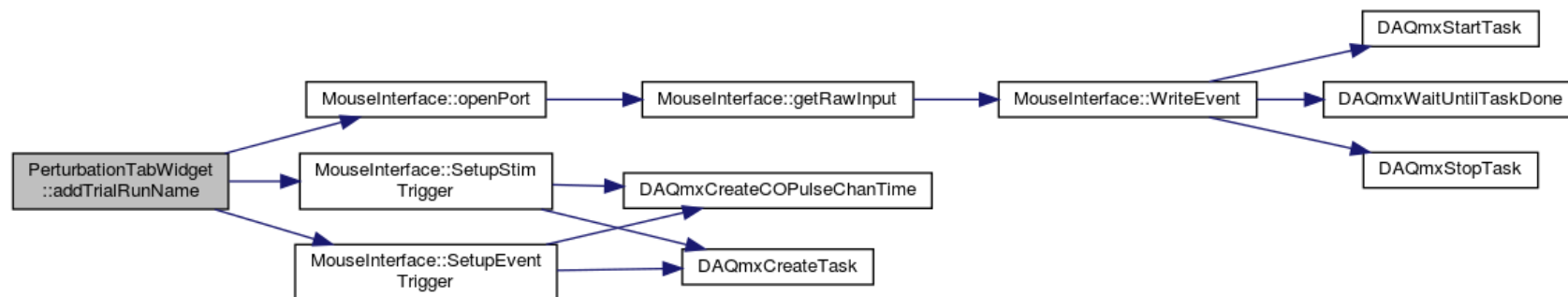


◆ addTrialRunName()

void PerturbationTabWidget::addTrialRunName ()

Definition at line 446 of file [PerturbationTabWidget.cpp](#).

Here is the call graph for this function:



◆ calculateSpeed()

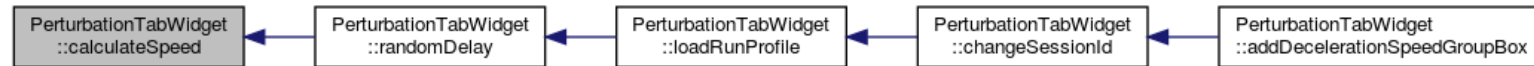
```
double PerturbationTabWidget::calculateSpeed ( )
```

Definition at line 979 of file [PerturbationTabWidget.cpp](#).

Here is the call graph for this function:



Here is the caller graph for this function:



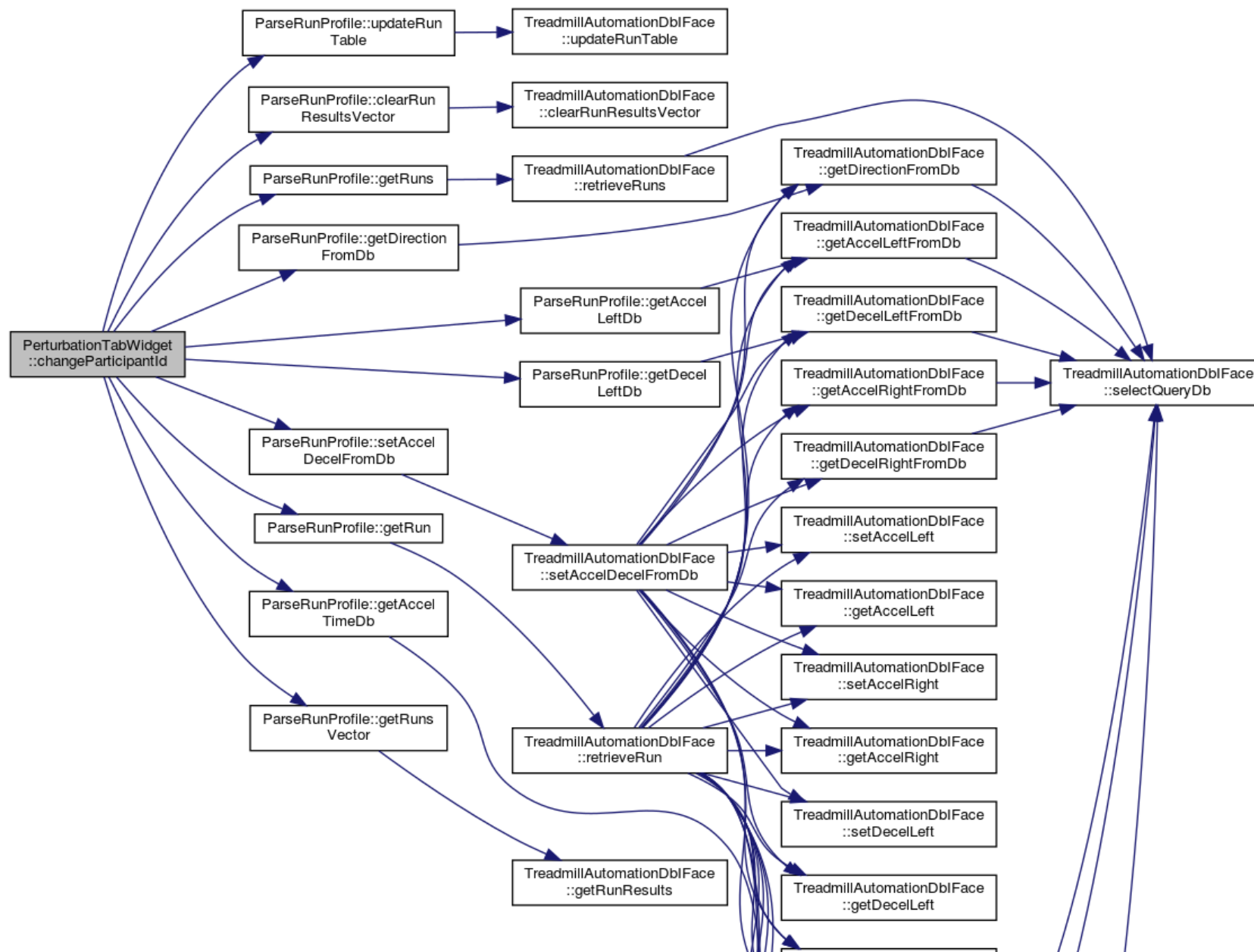
◆ [changeParticipantId](#)

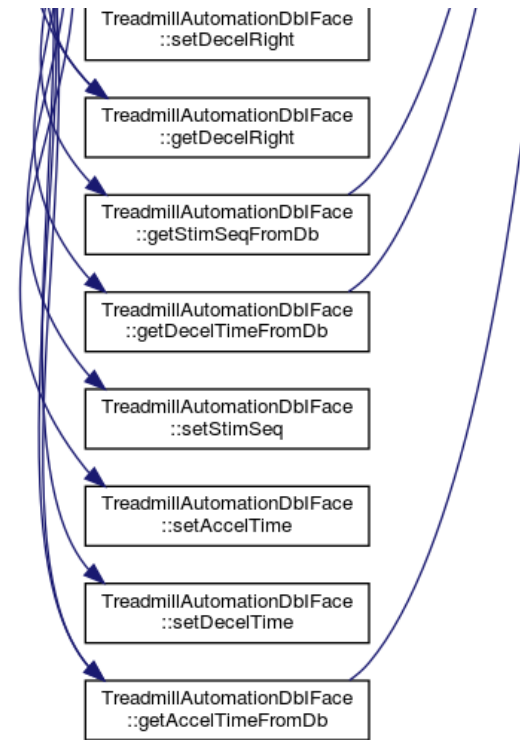
void PerturbationTabWidget::changeParticipantId (QString participantId)

slot

Definition at line 1406 of file [PerturbationTabWidget.cpp](#).

Here is the call graph for this function:





Here is the caller graph for this function:



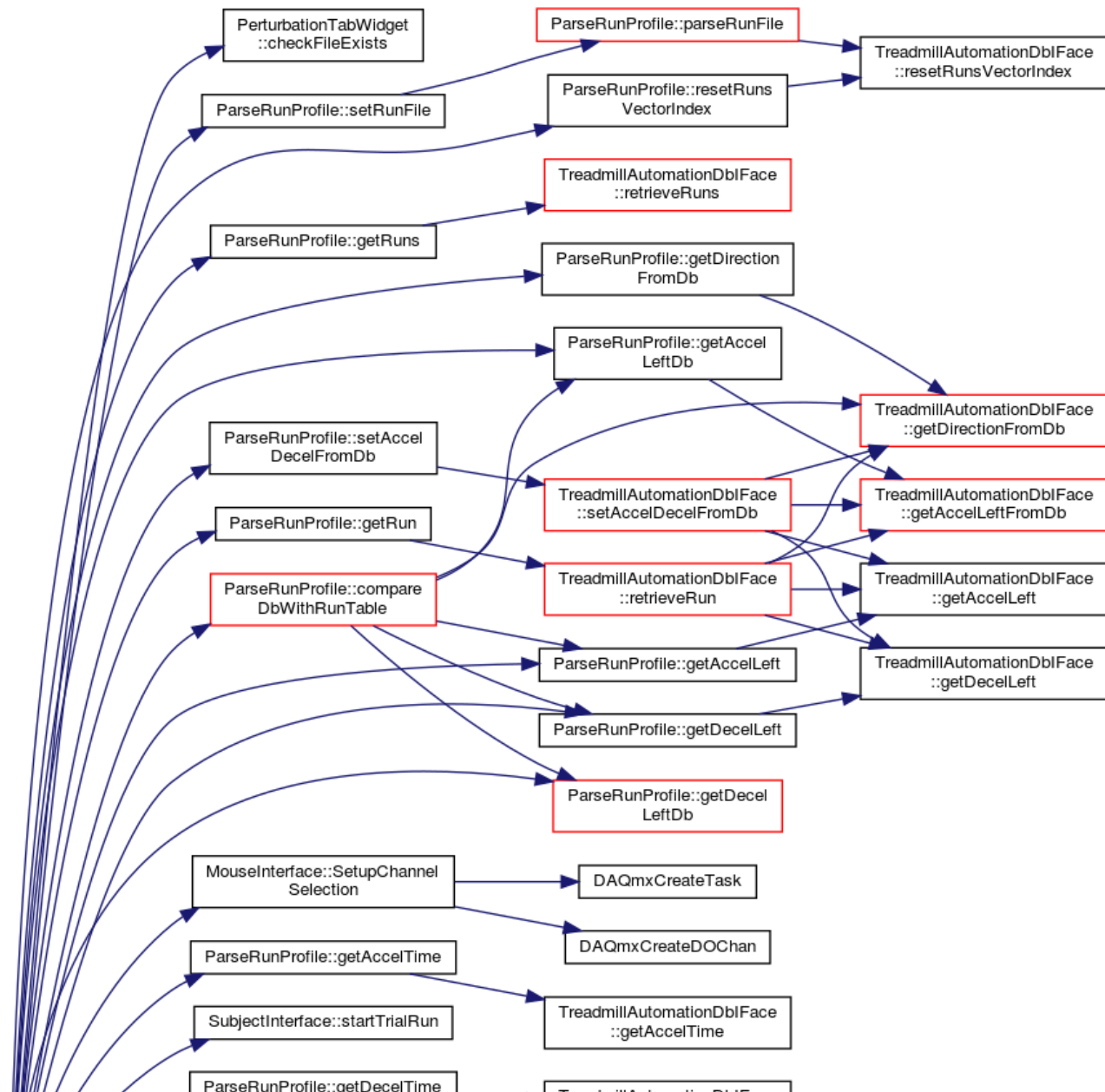
◆ changeSessionId

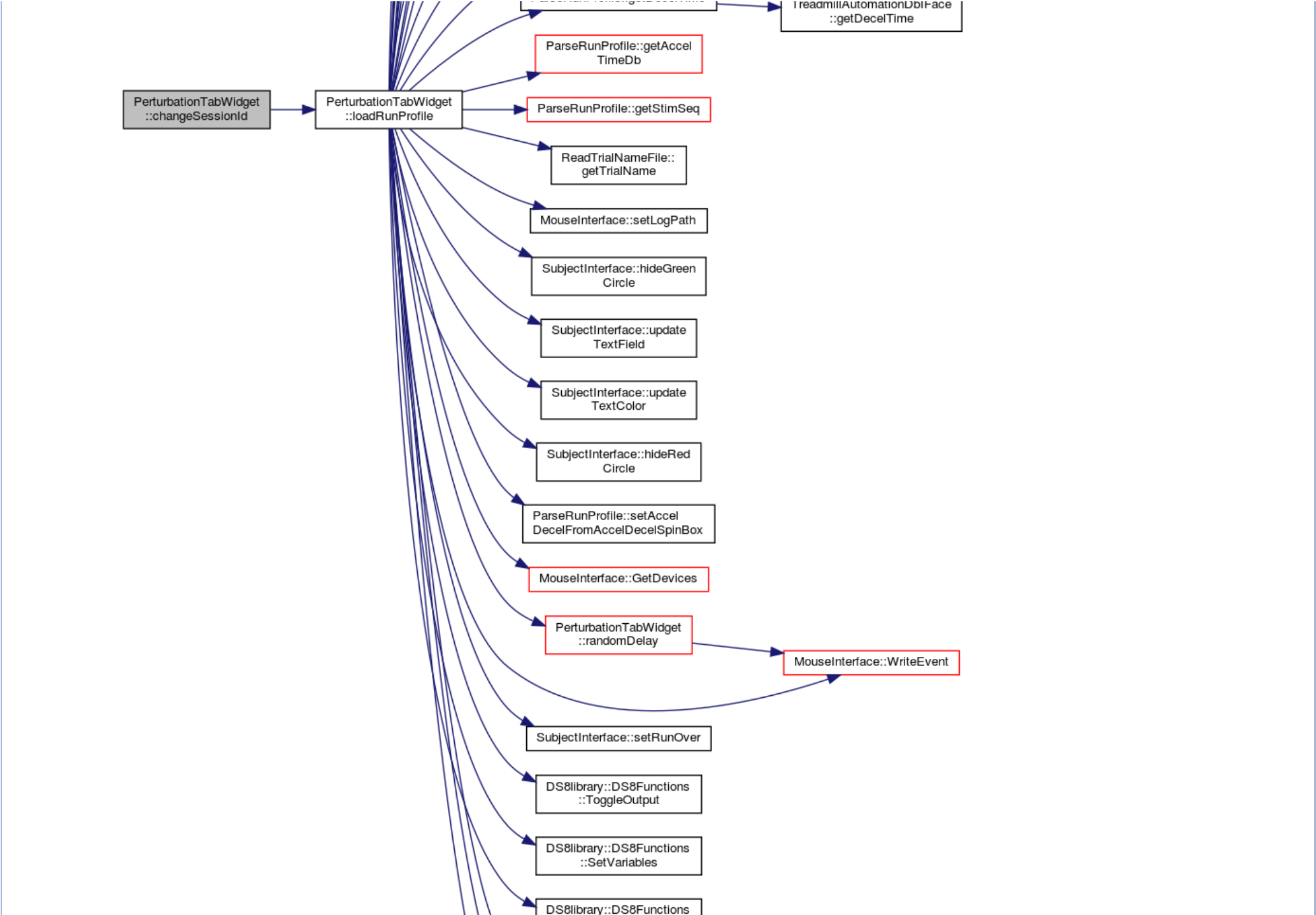
void PerturbationTabWidget::changeSessionId (QString session)

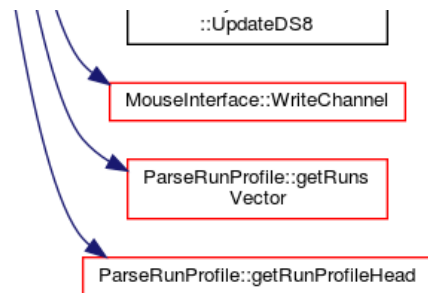
slot

Definition at line 252 of file [PerturbationTabWidget.cpp](#).

Here is the call graph for this function:







Here is the caller graph for this function:



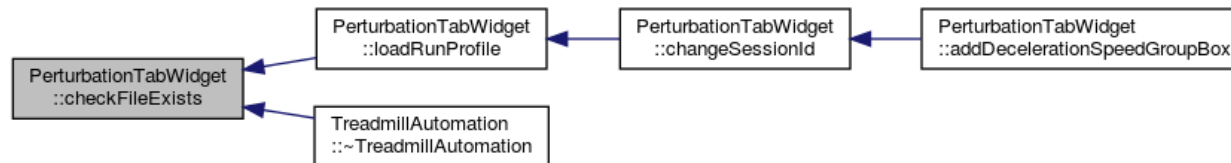
◆ checkFileExists

```
void PerturbationTabWidget::checkFileExists ( )
```

slot

Definition at line **1806** of file **PerturbationTabWidget.cpp**.

Here is the caller graph for this function:



◆ closeInstrumentationPanel()

```
void PerturbationTabWidget::closeInstrumentationPanel ( )
```

◆ closeSubjectInterfaceWindow()

```
void PerturbationTabWidget::closeSubjectInterfaceWindow ( )
```

Definition at line **1905** of file **PerturbationTabWidget.cpp**.

Here is the caller graph for this function:



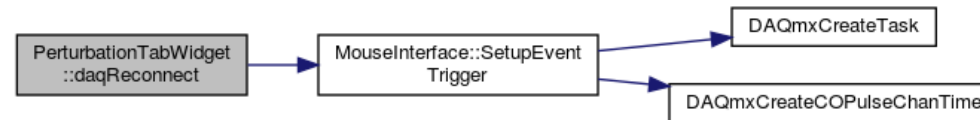
◆ **daqReconnect**

```
void PerturbationTabWidget::daqReconnect ( )
```

slot

Definition at line [1911](#) of file [PerturbationTabWidget.cpp](#).

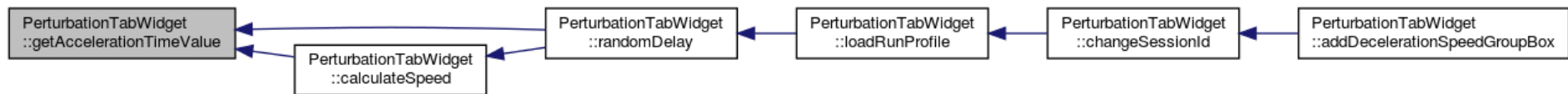
Here is the call graph for this function:

◆ **getAccelerationTimeValue()**

```
double PerturbationTabWidget::getAccelerationTimeValue ( )
```

Definition at line [680](#) of file [PerturbationTabWidget.cpp](#).

Here is the caller graph for this function:

◆ **getAccelerationValue()**

```
double PerturbationTabWidget::getAccelerationValue ( )
```

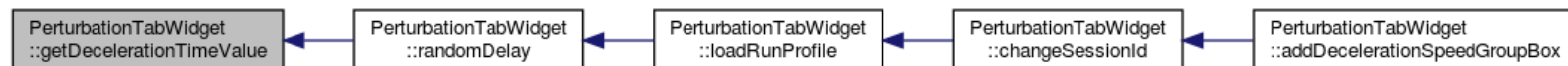
Definition at line [690](#) of file [PerturbationTabWidget.cpp](#).

◆ **getDecelerationTimeValue()**

```
double PerturbationTabWidget::getDecelerationTimeValue ( )
```

Definition at line [685](#) of file [PerturbationTabWidget.cpp](#).

Here is the caller graph for this function:



◆ getDecelerationValue()

```
double PerturbationTabWidget::getDecelerationValue ( )
```

Definition at line [694](#) of file [PerturbationTabWidget.cpp](#).

◆ getLeftFrontSpeedValue()

```
double PerturbationTabWidget::getLeftFrontSpeedValue ( )
```

Definition at line [698](#) of file [PerturbationTabWidget.cpp](#).

◆ getRightFrontSpeedValue()

```
double PerturbationTabWidget::getRightFrontSpeedValue ( )
```

Definition at line [702](#) of file [PerturbationTabWidget.cpp](#).

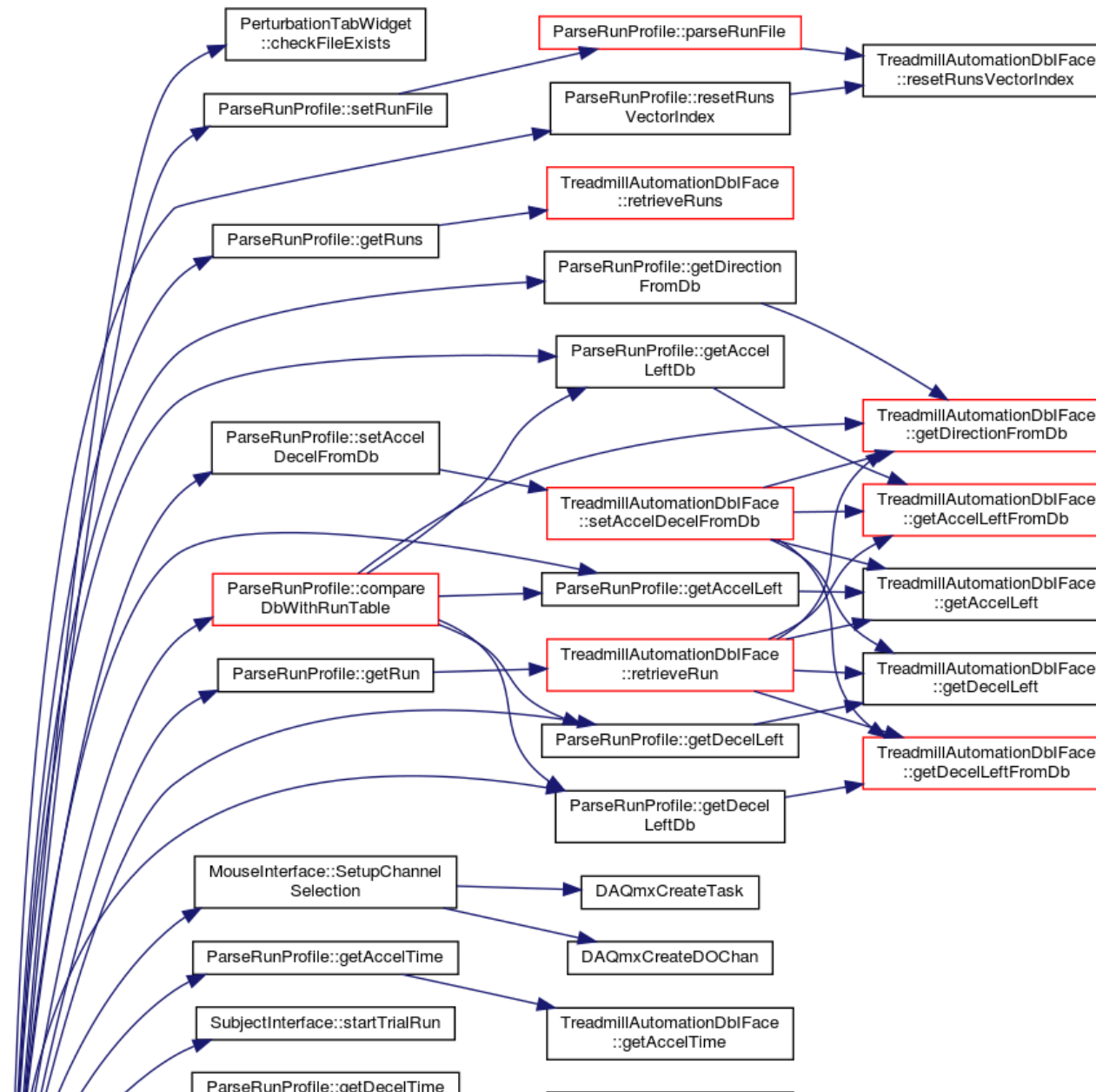
◆ loadRunProfile

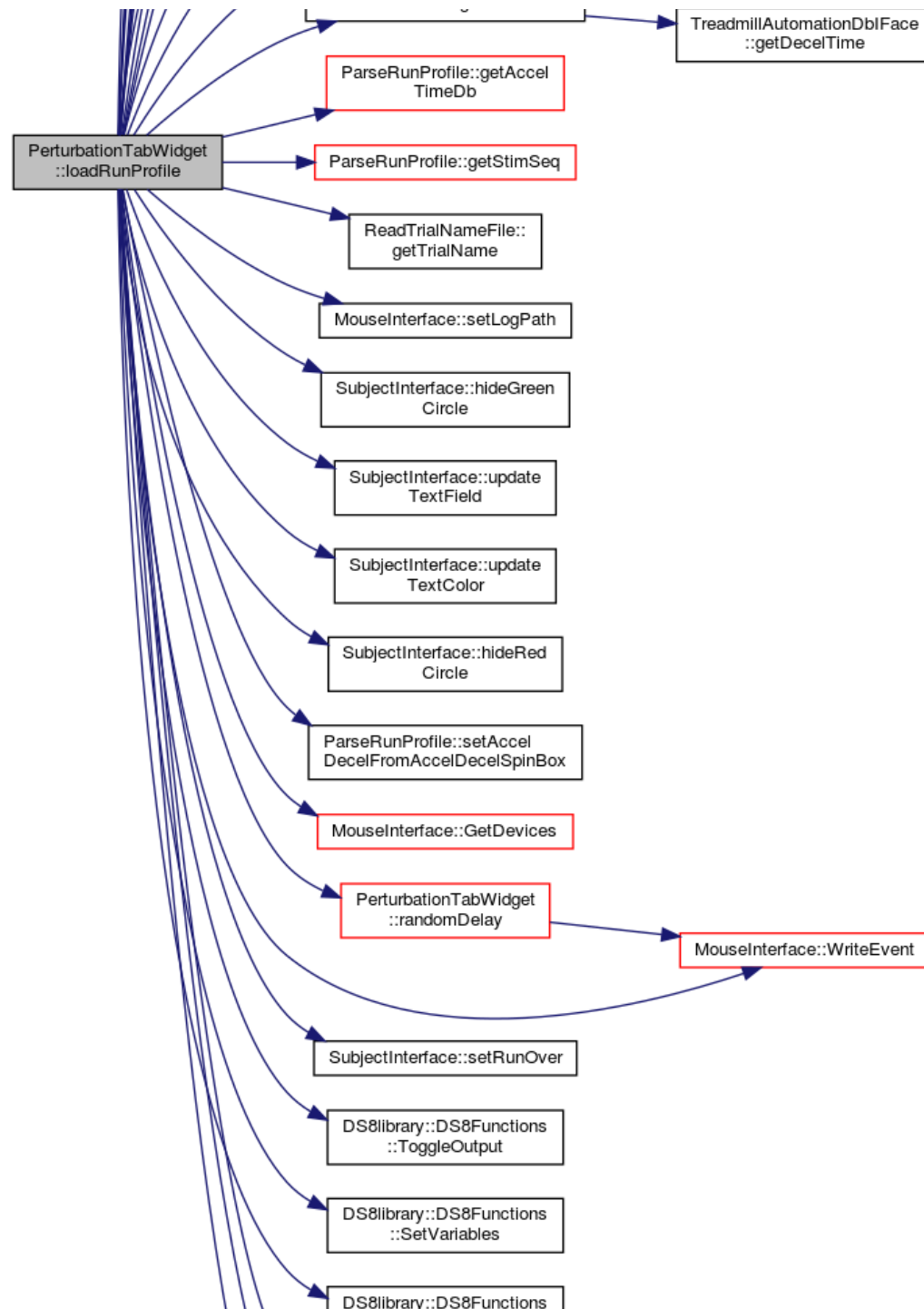
void PerturbationTabWidget::loadRunProfile ()

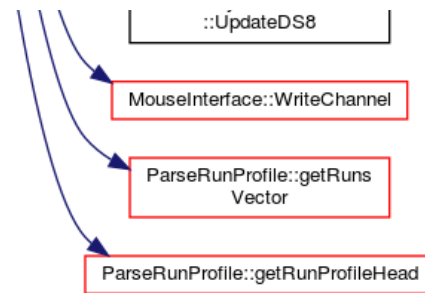
slot

Definition at line 987 of file [PerturbationTabWidget.cpp](#).

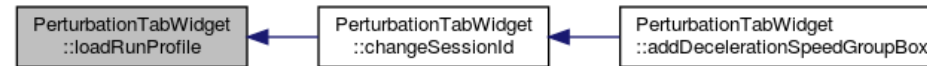
Here is the call graph for this function:







Here is the caller graph for this function:



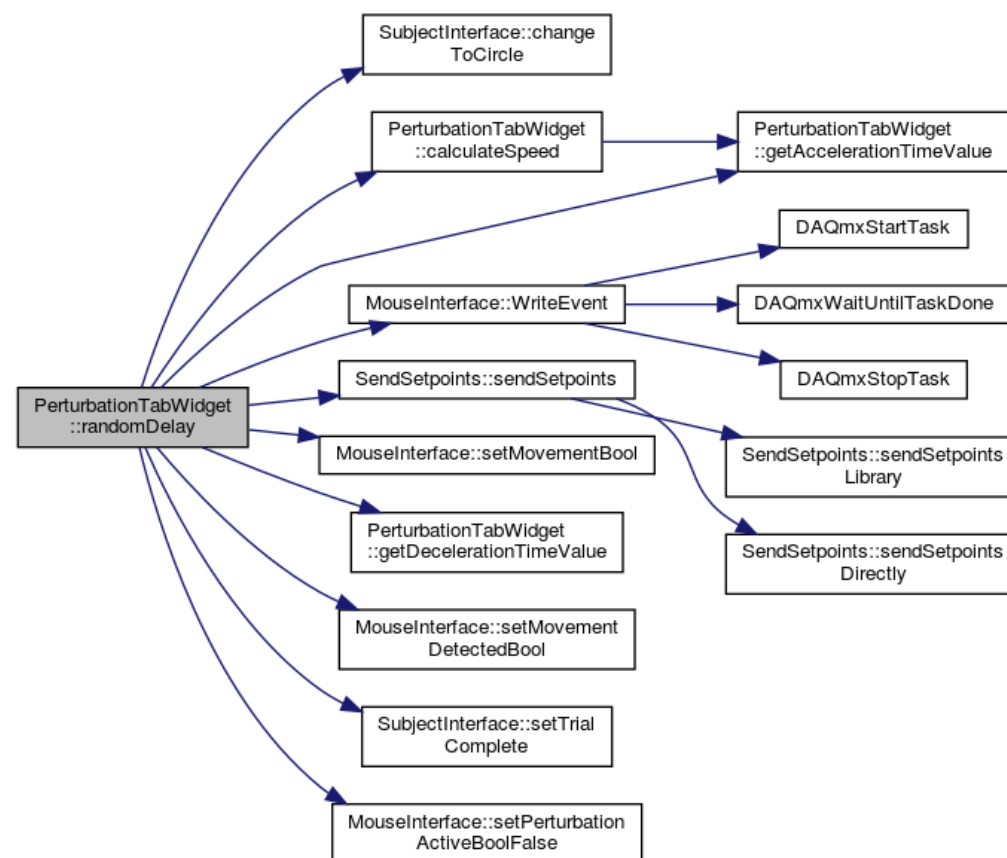
◆ randomDelay

```
void PerturbationTabWidget::randomDelay ( )
```

slot

Definition at line 712 of file [PerturbationTabWidget.cpp](#).

Here is the call graph for this function:



Here is the caller graph for this function:

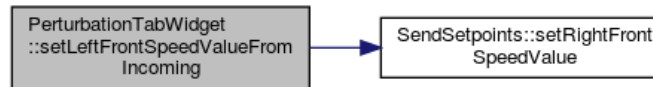


◆ `setLeftFrontSpeedValueFromIncoming()`

```
void PerturbationTabWidget::setLeftFrontSpeedValueFromIncoming ( qint16 mleftFrontSpeedValue )
```

Definition at line 662 of file [PerturbationTabWidget.cpp](#).

Here is the call graph for this function:



◆ setRightFrontSpeedValueFromIncoming()

```
void PerturbationTabWidget::setRightFrontSpeedValueFromIncoming ( qint16 mrightFrontSpeedValue )
```

Definition at line 675 of file [PerturbationTabWidget.cpp](#).

◆ setSocket()

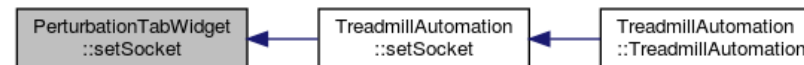
```
void PerturbationTabWidget::setSocket ( QAbstractSocket * socket )
```

Definition at line 973 of file [PerturbationTabWidget.cpp](#).

Here is the call graph for this function:



Here is the caller graph for this function:

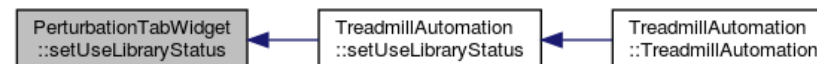


◆ setUseLibraryStatus()

```
void PerturbationTabWidget::setUseLibraryStatus ( bool useLibCheckBox )
```

Definition at line 707 of file [PerturbationTabWidget.cpp](#).

Here is the caller graph for this function:



◆ showSubjectView

```
void PerturbationTabWidget::showSubjectView ( )
```

slot

Definition at line 1896 of file [PerturbationTabWidget.cpp](#).

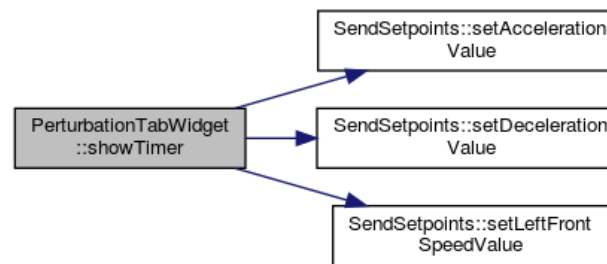
◆ showTimer

```
void PerturbationTabWidget::showTimer ( bool state )
```

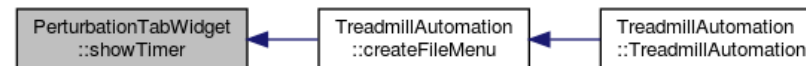
slot

Definition at line 600 of file [PerturbationTabWidget.cpp](#).

Here is the call graph for this function:



Here is the caller graph for this function:



Member Data Documentation

◆ useLibraryCheckBoxStatus

```
bool PerturbationTabWidget::useLibraryCheckBoxStatus
```

Definition at line 71 of file [PerturbationTabWidget.h](#).

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

- include/[PerturbationTabWidget.h](#)
- src/[PerturbationTabWidget.cpp](#)

