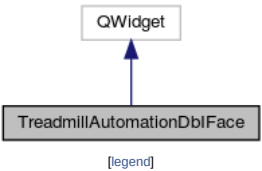


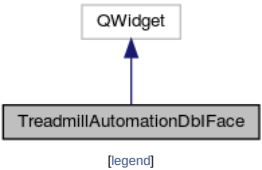
TreadmillAutomationDbIFace Class Reference

```
#include <TreadmillAutomationDbIFace.h>
```

Inheritance diagram for TreadmillAutomationDbIFace:



Collaboration diagram for TreadmillAutomationDbIFace:



Public Types

enum **Direction** { **AP**, **PA** }

Signals

startStimulation ()

Public Member Functions

	TreadmillAutomationDbIFace ()
	~TreadmillAutomationDbIFace ()
void	insertRunProfileRecord (QStringList recordList)
void	insertRecord (QString table, QString columns, QString values)
void	getParticipantId ()
void	getSessionNo ()
void	getRunNo ()
void	getTypeNo ()
void	getLevelNo ()
void	getStimOrder ()
void	getTrialNo ()
double	getAccelLeft ()
double	getAccelRight ()
double	getAccelTime ()
double	getDecelTime ()
double	getDecelLeft ()
double	getDecelRight ()

QVector< QString >	getRunResults ()
int	getDir ()
QStringQuery	selectQueryDb (QString columns, QString table, bool whereBool=false, QString where="empty")
void	truncateTable (QString table)
void	retrieveRuns ()
void	retrieveRun (int currentRunsRowIndex, int runAddIndex)
QVector< QString >	getRunProfileHead ()
void	updateRunTable (QString tableName, QString setString, QString whereString)
void	clearRunResultsVector ()
double	getAccelLeftFromDb (QString typeNum, QString levelNum)
void	setAccelLeft (double accel)
void	setAccelRight (double accel)
double	getAccelRightFromDb (QString typeNum, QString levelNum)
void	setAccelTime (double accelTime)
void	setDecelTime (double mdecelTime)
double	getAccelTimeFromDb (QString typeNum)
void	setDecelLeft (double decel)
double	getDecelLeftFromDb (QString typeNum, QString levelNum)
void	setDecelRight (double decel)
double	getDecelRightFromDb (QString typeNum, QString levelNum)
double	getDecelTimeFromDb (QString typeNum)
int	getParticipantMotionFromDb (QString typeNum, QString levelNum)
int	getDirectionFromDb (QString type, QString level)
void	setStimSeq (QString stim)
QString	getStimSeq ()
QString	getStimSeqFromDb (int stimLvl)
void	clearRunProfileHeadVector ()
void	resetRunsVectorIndex ()
void	setAccelDecelFromDb ()

Public Attributes

QStringQuery	runsQuery
QString	stimSeq

Detailed Description

Definition at line 13 of file [TreadmillAutomationDbIFace.h](#).

Member Enumeration Documentation

◆ Direction

enum **TreadmillAutomationDbIFace::Direction**

Enumerator

AP

PA

Definition at line 19 of file **TreadmillAutomationDbIFace.h**.

Constructor & Destructor Documentation

◆ TreadmillAutomationDbIFace()

TreadmillAutomationDbIFace::TreadmillAutomationDbIFace ()

Definition at line 3 of file **TreadmillAutomationDbIFace.cpp**.

◆ ~TreadmillAutomationDbIFace()

TreadmillAutomationDbIFace::~TreadmillAutomationDbIFace ()

Definition at line 26 of file **TreadmillAutomationDbIFace.cpp**.

Member Function Documentation

◆ clearRunProfileHeadVector()

void TreadmillAutomationDbIFace::clearRunProfileHeadVector ()

Definition at line 61 of file **TreadmillAutomationDbIFace.cpp**.

Here is the caller graph for this function:

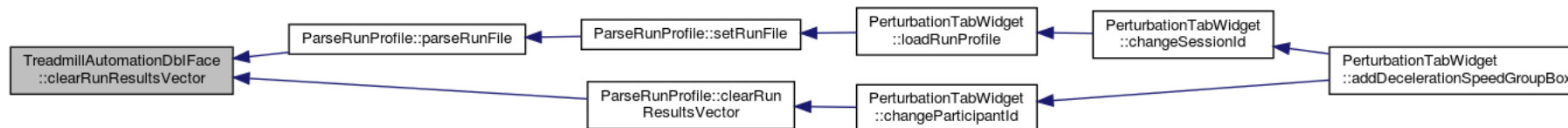


◆ clearRunResultsVector()

```
void TreadmillAutomationDbIFace::clearRunResultsVector ( )
```

Definition at line 316 of file [TreadmillAutomationDbIFace.cpp](#).

Here is the caller graph for this function:

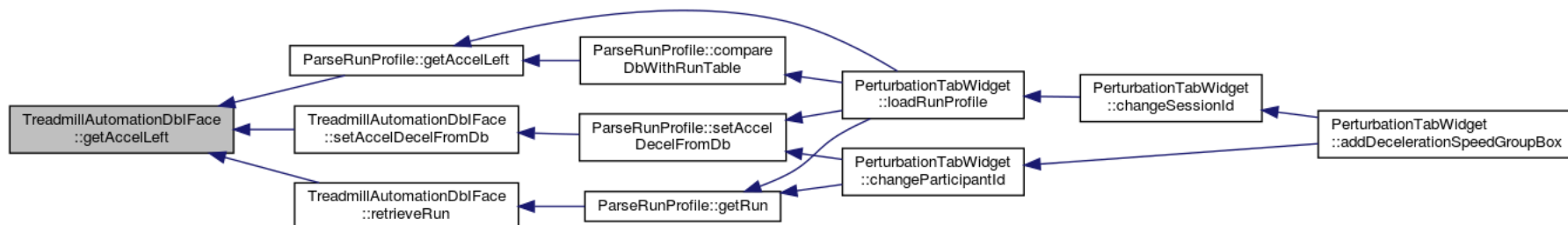


◆ getAccelLeft()

```
double TreadmillAutomationDbIFace::getAccelLeft ( )
```

Definition at line 163 of file [TreadmillAutomationDbIFace.cpp](#).

Here is the caller graph for this function:

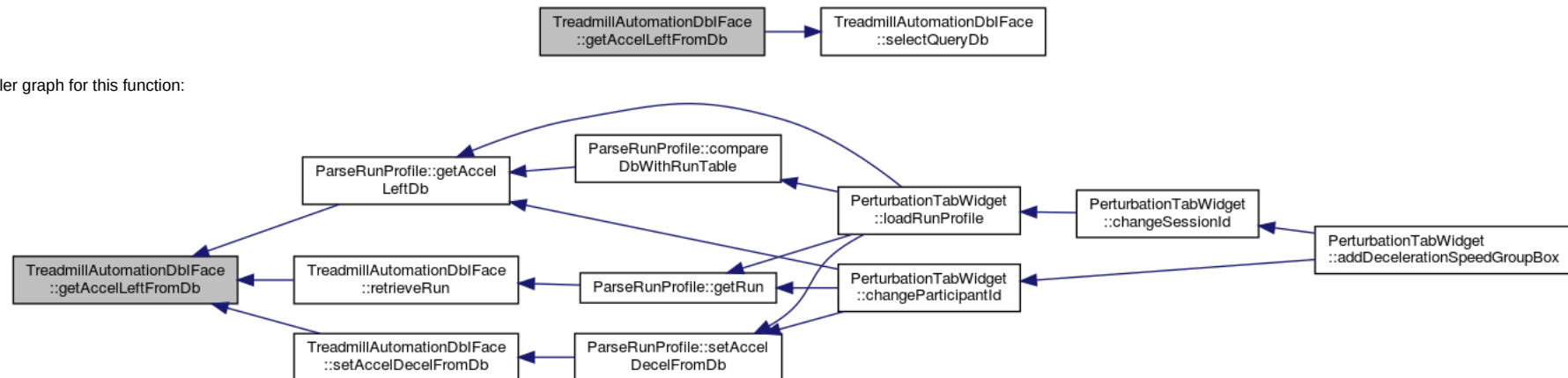


◆ getAccelLeftFromDb()

```
double TreadmillAutomationDbIFace::getAccelLeftFromDb ( QString typeNum,
                                                         QString levelNum
                                                         )
```

Definition at line 93 of file [TreadmillAutomationDbIFace.cpp](#).

Here is the call graph for this function:

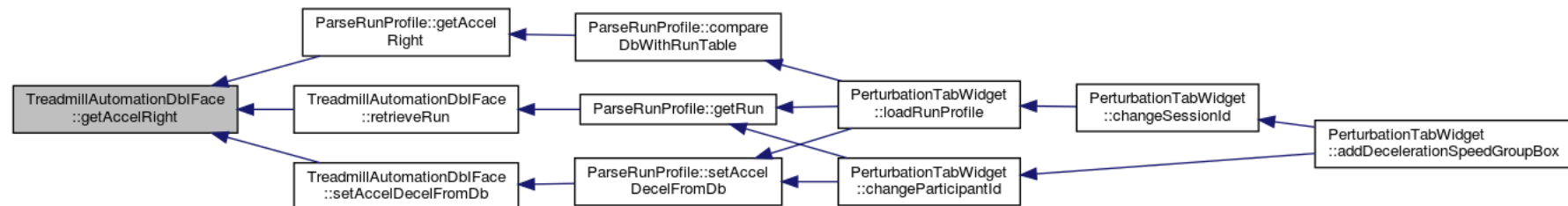


◆ getAccelRight()

```
double TreadmillAutomationDbIFace::getAccelRight ( )
```

Definition at line 173 of file [TreadmillAutomationDbIFace.cpp](#).

Here is the caller graph for this function:



◆ getAccelRightFromDb()

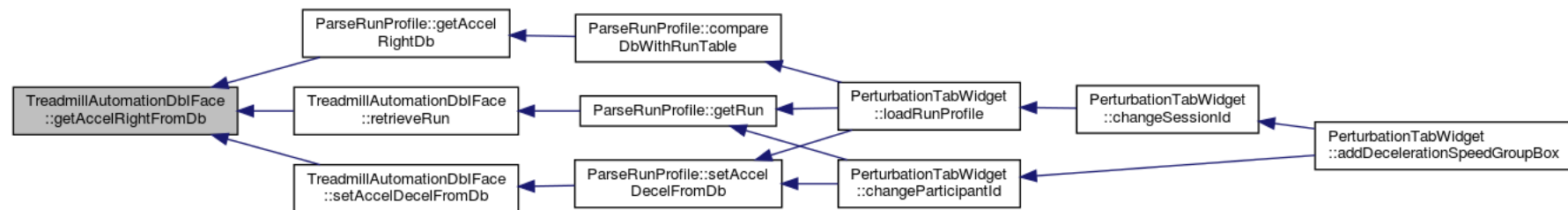
```
double TreadmillAutomationDbIFace::getAccelRightFromDb ( QString typeNum,
                                                         QString levelNum
                                                         )
```

Definition at line 113 of file [TreadmillAutomationDbIFace.cpp](#).

Here is the call graph for this function:



Here is the caller graph for this function:

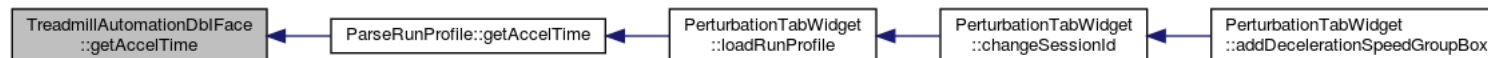


◆ getAccelTime()

```
double TreadmillAutomationDbIFace::getAccelTime ( )
```

Definition at line 210 of file [TreadmillAutomationDbIFace.cpp](#).

Here is the caller graph for this function:



◆ getAccelTimeFromDb()

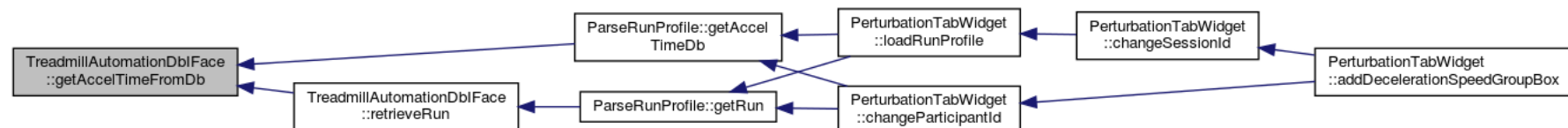
```
double TreadmillAutomationDbIFace::getAccelTimeFromDb ( QString typeNum )
```

Definition at line 178 of file [TreadmillAutomationDbIFace.cpp](#).

Here is the call graph for this function:



Here is the caller graph for this function:

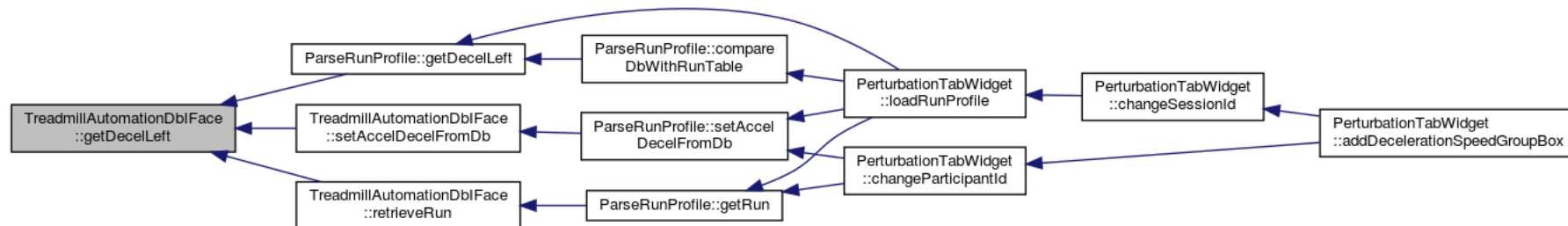


◆ getDecelLeft()

```
double TreadmillAutomationDbIFace::getDecelLeft ( )
```

Definition at line 266 of file [TreadmillAutomationDbIFace.cpp](#).

Here is the caller graph for this function:



◆ getDecelLeftFromDb()

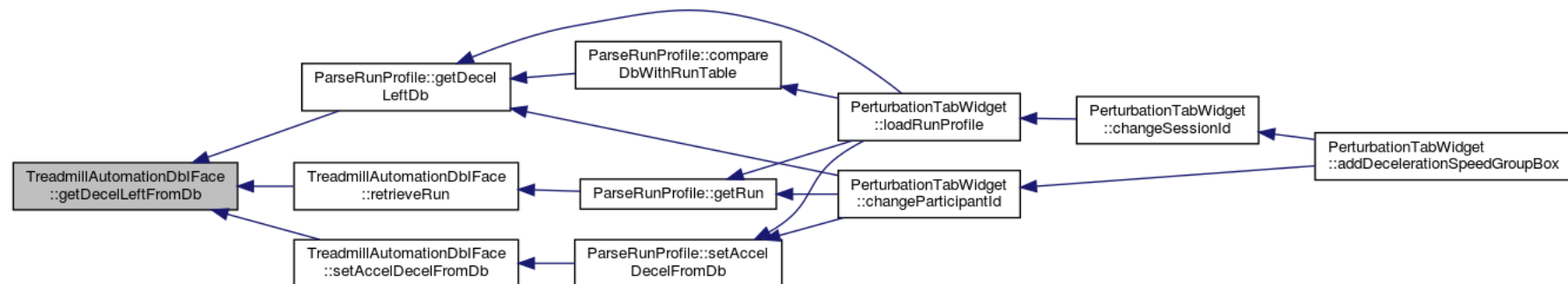
```
double TreadmillAutomationDbIFace::getDecelLeftFromDb ( QString typeNum,
                                                         QString levelNum
                                                         )
```

Definition at line 215 of file [TreadmillAutomationDbIFace.cpp](#).

Here is the call graph for this function:



Here is the caller graph for this function:

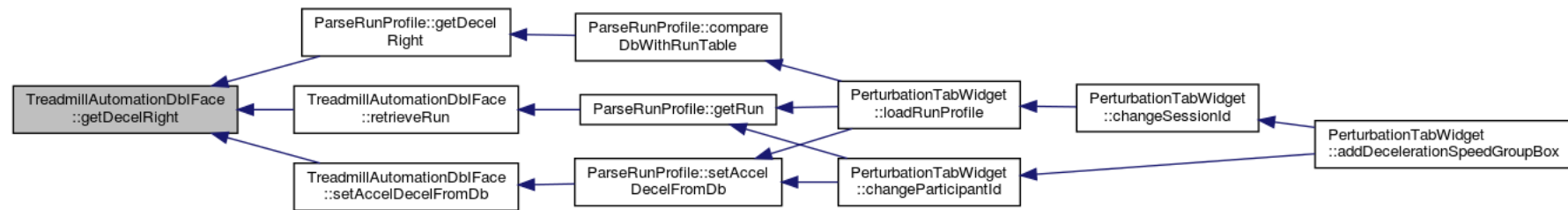


◆ getDecelRight()

```
double TreadmillAutomationDbIFace::getDecelRight ( )
```

Definition at line 276 of file [TreadmillAutomationDbIFace.cpp](#).

Here is the caller graph for this function:



◆ getDecelRightFromDb()

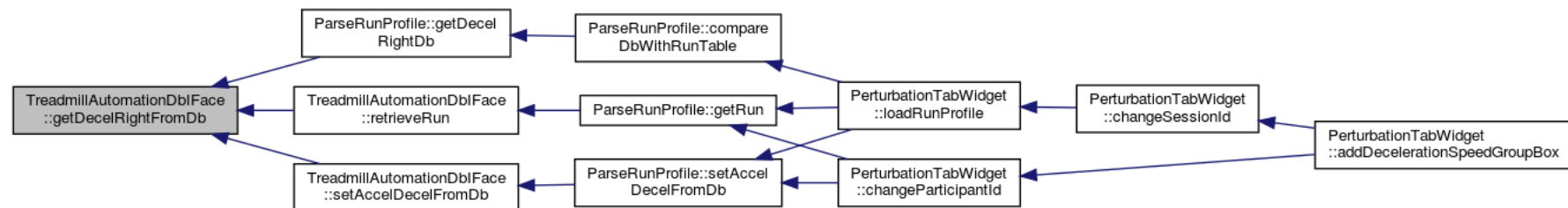
```
double TreadmillAutomationDbIFace::getDecelRightFromDb ( QString typeNum,
                                                         QString levelNum
                                                         )
```

Definition at line 240 of file [TreadmillAutomationDbIFace.cpp](#).

Here is the call graph for this function:



Here is the caller graph for this function:

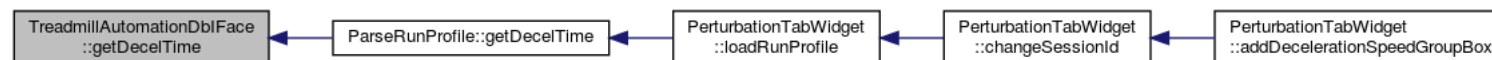


◆ getDecelTime()

```
double TreadmillAutomationDbIFace::getDecelTime ( )
```

Definition at line 235 of file [TreadmillAutomationDbIFace.cpp](#).

Here is the caller graph for this function:



◆ getDecelTimeFromDb()

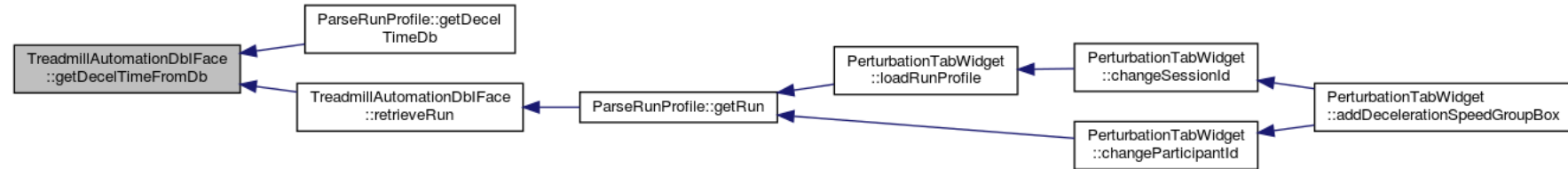
```
double TreadmillAutomationDbIFace::getDecelTimeFromDb ( QString typeNum )
```

Definition at line 281 of file [TreadmillAutomationDbIFace.cpp](#).

Here is the call graph for this function:



Here is the caller graph for this function:



◆ getDir()

```
int TreadmillAutomationDbIFace::getDir ( )
```

Definition at line 527 of file [TreadmillAutomationDbIFace.cpp](#).

◆ getDirectionFromDb()

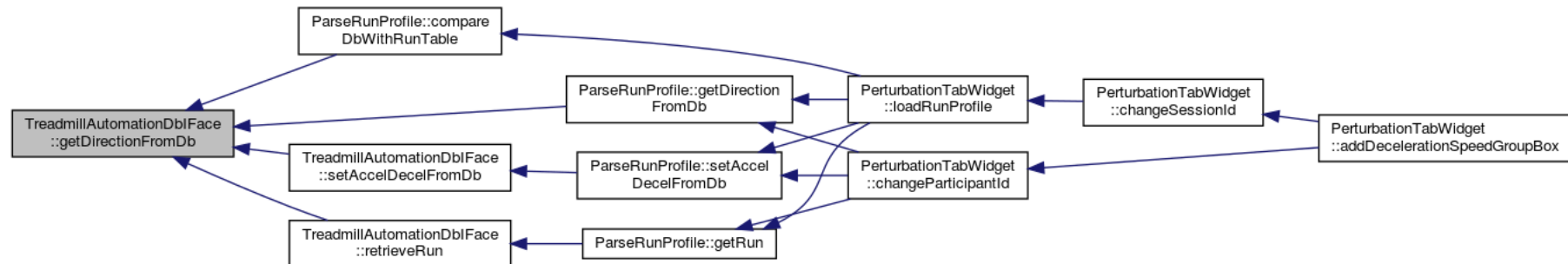
```
int TreadmillAutomationDbIFace::getDirectionFromDb ( QString type,
                                                    QString level
                                                    )
```

Definition at line 505 of file [TreadmillAutomationDbIFace.cpp](#).

Here is the call graph for this function:



Here is the caller graph for this function:



◆ getLevelNo()

```
void TreadmillAutomationDbIFace::getLevelNo ( )
```

◆ getParticipantId()

```
void TreadmillAutomationDbIFace::getParticipantId ( )
```

◆ getParticipantMotionFromDb()

```
int TreadmillAutomationDbIFace::getParticipantMotionFromDb ( QString typeNum,
                                                            QString levelNum
                                                            )
```

Definition at line 537 of file [TreadmillAutomationDbIFace.cpp](#).

Here is the call graph for this function:



◆ getRunNo()

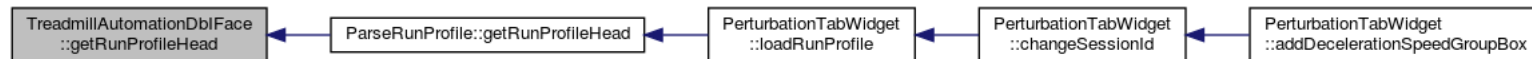
```
void TreadmillAutomationDbIFace::getRunNo ( )
```

◆ getRunProfileHead()

```
QVector< QString > TreadmillAutomationDbIFace::getRunProfileHead ( )
```

Definition at line 564 of file [TreadmillAutomationDbIFace.cpp](#).

Here is the caller graph for this function:

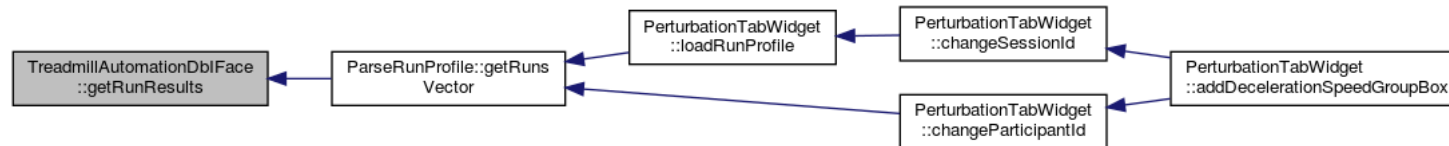


◆ getRunResults()

```
QVector< QString > TreadmillAutomationDbIFace::getRunResults ( )
```

Definition at line 559 of file [TreadmillAutomationDbIFace.cpp](#).

Here is the caller graph for this function:



◆ getSessionNo()

```
void TreadmillAutomationDbIFace::getSessionNo ( )
```

◆ getStimOrder()

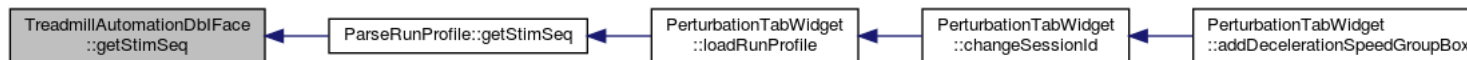
```
void TreadmillAutomationDbIFace::getStimOrder ( )
```

◆ getStimSeq()

QString TreadmillAutomationDbIFace::getStimSeq ()

Definition at line 500 of file [TreadmillAutomationDbIFace.cpp](#).

Here is the caller graph for this function:



◆getStimSeqFromDb()

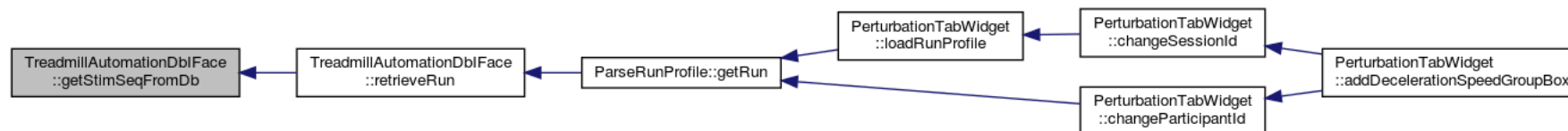
QString TreadmillAutomationDbIFace::getStimSeqFromDb (int stimLvl)

Definition at line 133 of file [TreadmillAutomationDbIFace.cpp](#).

Here is the call graph for this function:



Here is the caller graph for this function:



◆getTrialNo()

void TreadmillAutomationDbIFace::getTrialNo ()

◆getTypeNo()

void TreadmillAutomationDbIFace::getTypeNo ()

◆insertRecord()

```
void TreadmillAutomationDbIFace::insertRecord ( QString table,
                                              QString columns,
                                              QString values
                                              )
```

Definition at line 79 of file [TreadmillAutomationDbIFace.cpp](#).

Here is the caller graph for this function:



◆ insertRunProfileRecord()

```
void TreadmillAutomationDbIFace::insertRunProfileRecord ( QStringList recordList )
```

Definition at line 30 of file [TreadmillAutomationDbIFace.cpp](#).

Here is the call graph for this function:



Here is the caller graph for this function:



◆ resetRunsVectorIndex()

```
void TreadmillAutomationDbIFace::resetRunsVectorIndex ( )
```

Definition at line 322 of file [TreadmillAutomationDbIFace.cpp](#).

Here is the caller graph for this function:

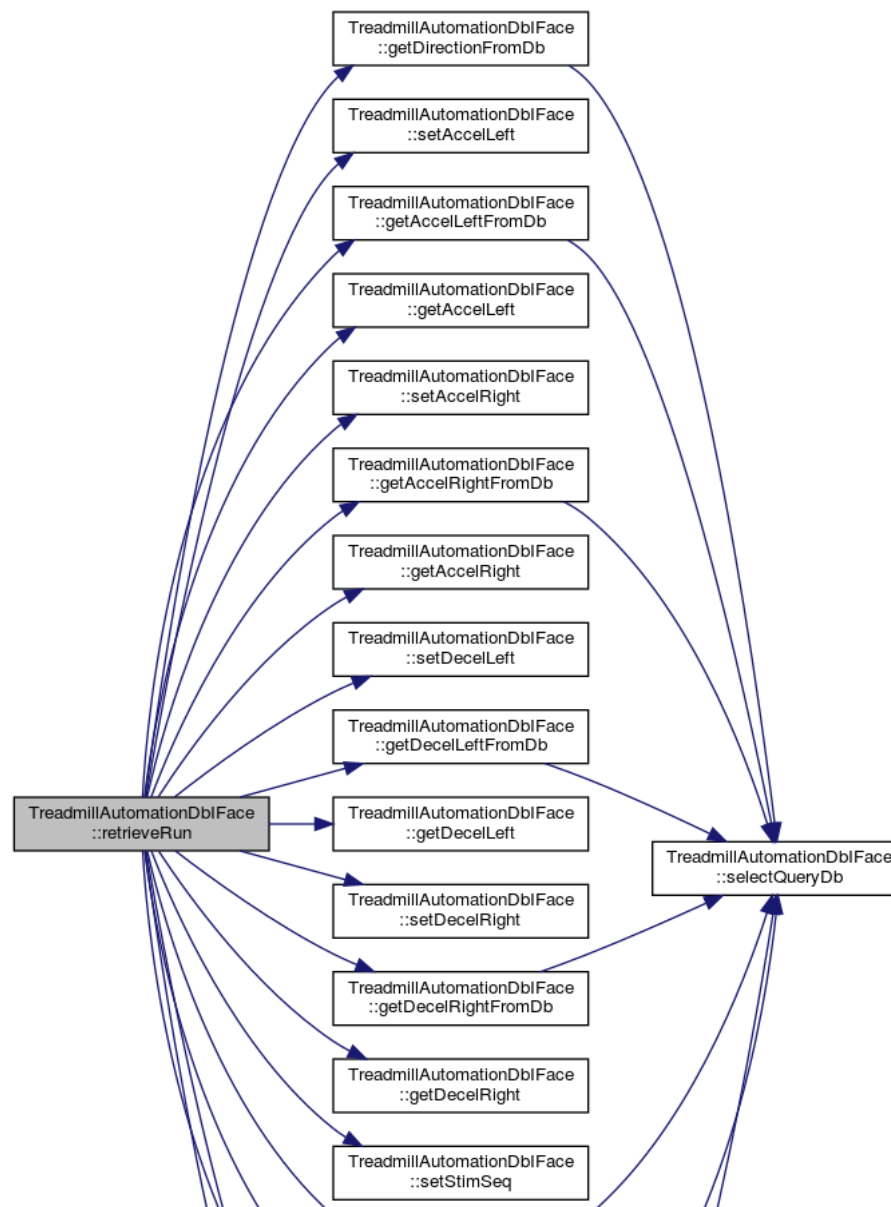


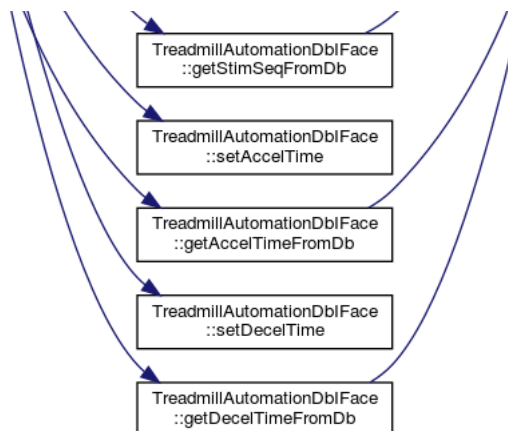
◆ retrieveRun()

```
void TreadmillAutomationDbIFace::retrieveRun ( int currentRunsRowIndex,
                                              int runAddIndex
                                              )
```

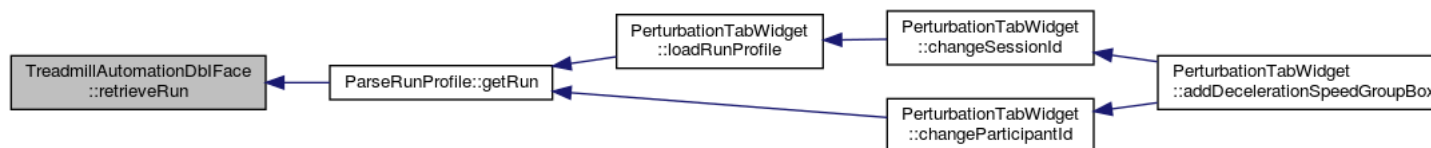
Definition at line 373 of file [TreadmillAutomationDbIFace.cpp](#).

Here is the call graph for this function:





Here is the caller graph for this function:



◆ retrieveRuns()

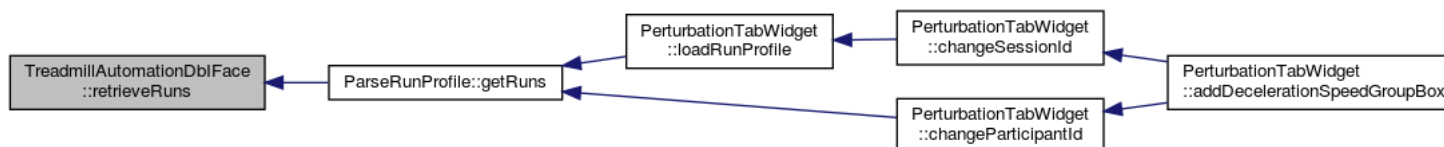
void TreadmillAutomationDbIFace::retrieveRuns ()

Definition at line 303 of file TreadmillAutomationDbIFace.cpp.

Here is the call graph for this function:



Here is the caller graph for this function:



◆ selectQueryDb()

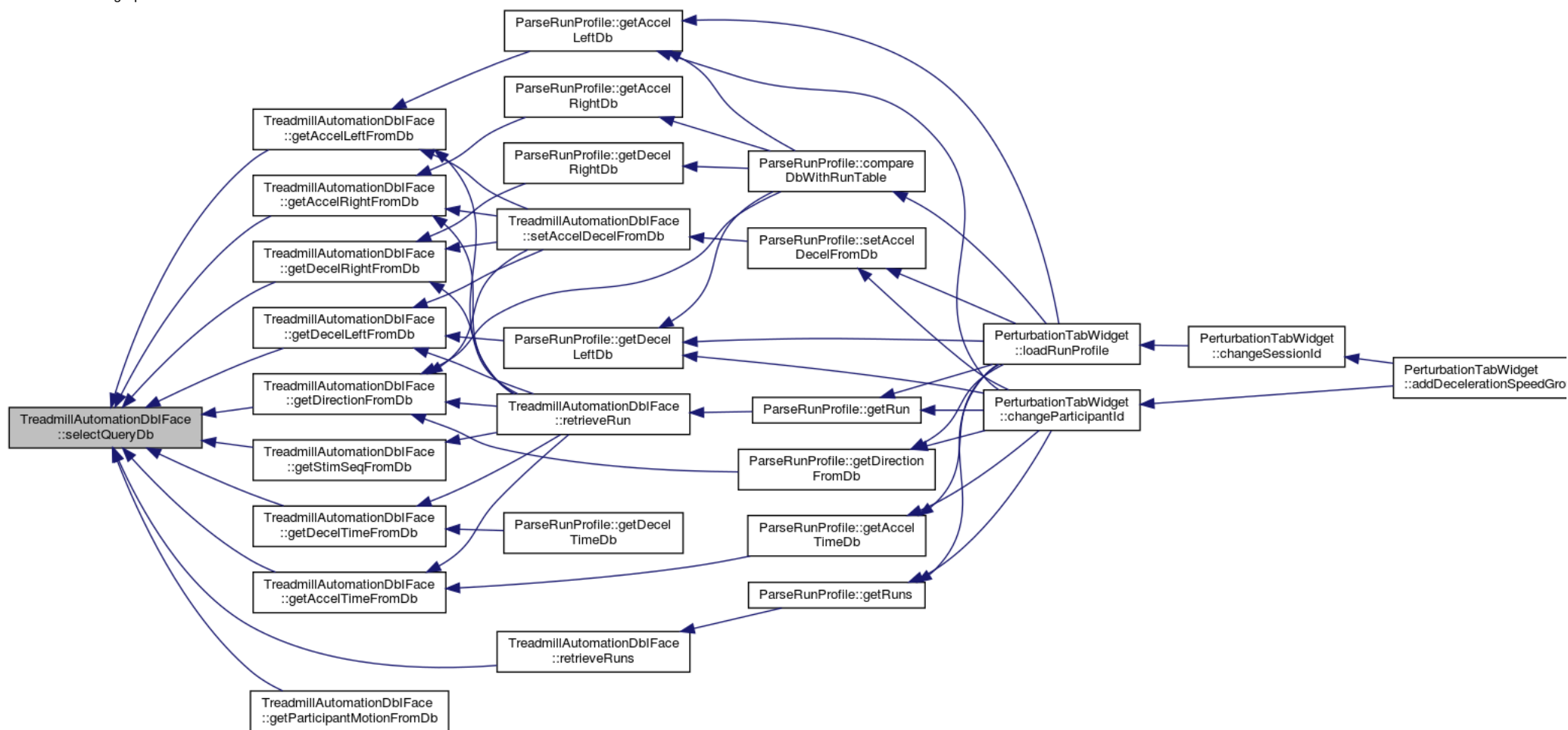
```

QString TreadmillAutomationDbIFace::selectQueryDb ( QString columns,
                                                    QString table,
                                                    bool   whereBool = false,
                                                    QString where = "empty"
                                                    )

```

Definition at line 470 of file [TreadmillAutomationDbIFace.cpp](#).

Here is the caller graph for this function:

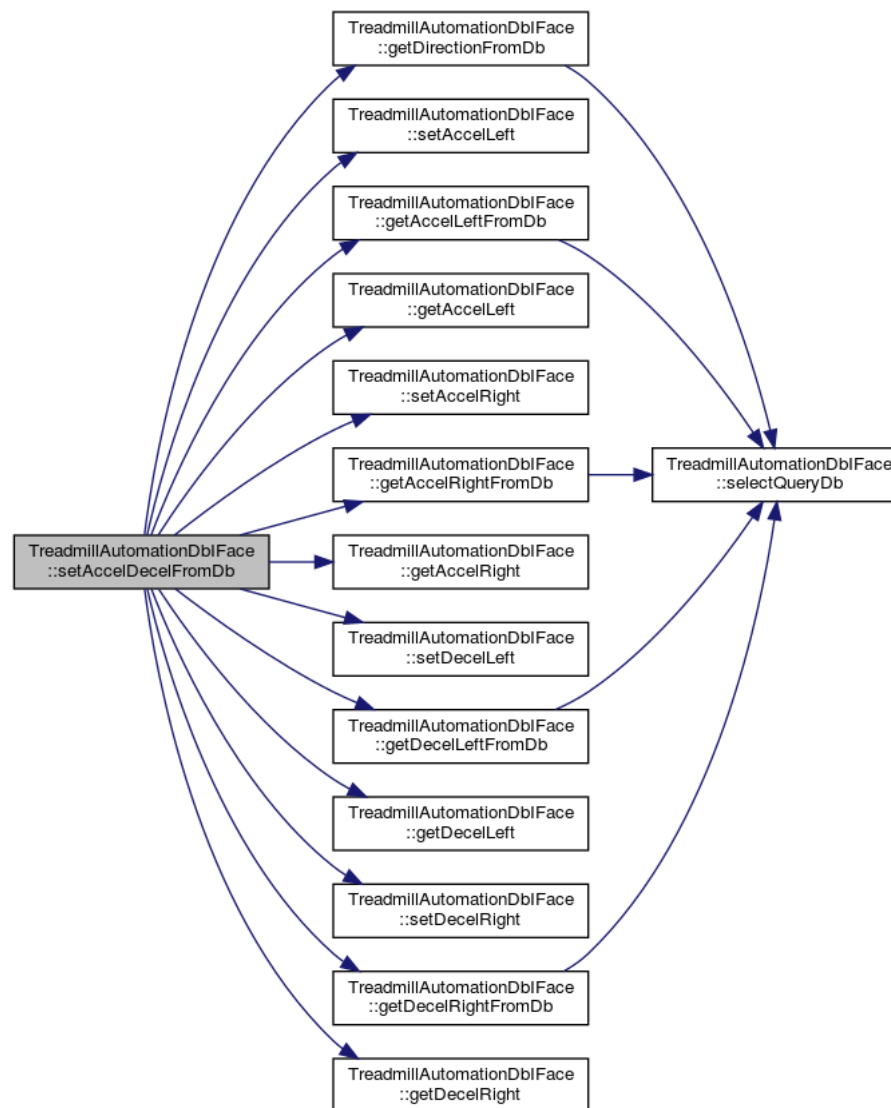


◆ `setAccelDecelFromDb()`

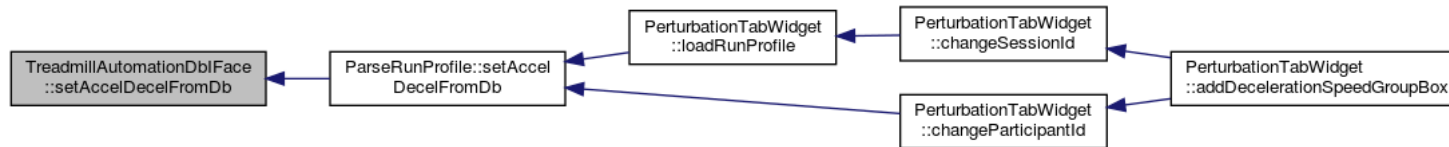

```
void TreadmillAutomationDbIFace::setAccelDecelFromDb ( )
```

Definition at line 327 of file [TreadmillAutomationDbIFace.cpp](#).

Here is the call graph for this function:



Here is the caller graph for this function:

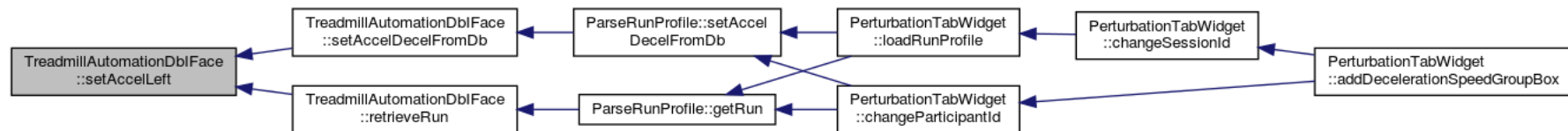


◆ setAccelLeft()

void TreadmillAutomationDbIFace::setAccelLeft (double accel)

Definition at line 158 of file [TreadmillAutomationDbIFace.cpp](#).

Here is the caller graph for this function:

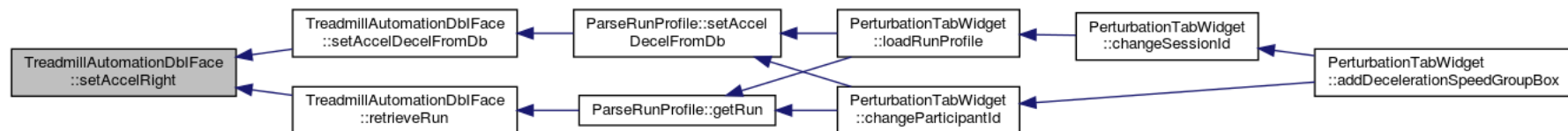


◆ setAccelRight()

void TreadmillAutomationDbIFace::setAccelRight (double accel)

Definition at line 168 of file [TreadmillAutomationDbIFace.cpp](#).

Here is the caller graph for this function:

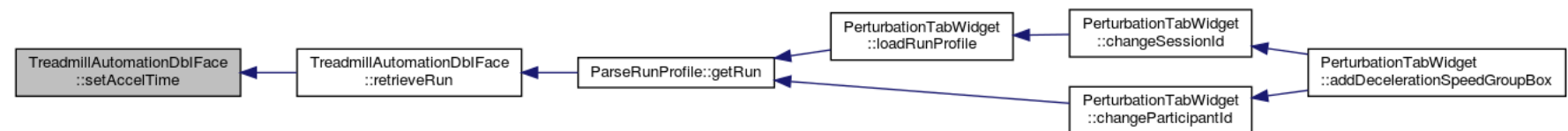


◆ setAccelTime()

void TreadmillAutomationDbIFace::setAccelTime (double accelTime)

Definition at line 200 of file [TreadmillAutomationDbIFace.cpp](#).

Here is the caller graph for this function:

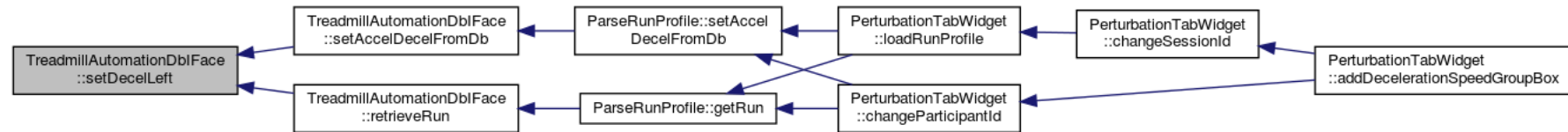


◆ setDecelLeft()

```
void TreadmillAutomationDbIFace::setDecelLeft ( double decel )
```

Definition at line 261 of file [TreadmillAutomationDbIFace.cpp](#).

Here is the caller graph for this function:

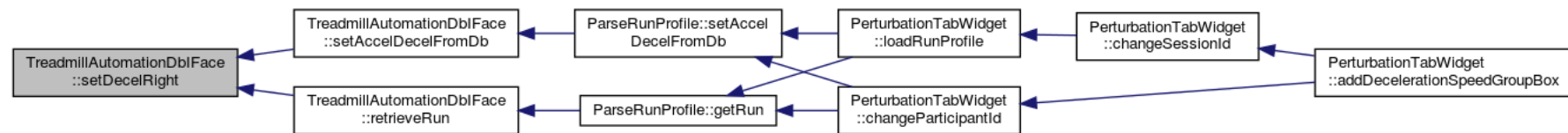


◆ setDecelRight()

```
void TreadmillAutomationDbIFace::setDecelRight ( double decel )
```

Definition at line 271 of file [TreadmillAutomationDbIFace.cpp](#).

Here is the caller graph for this function:

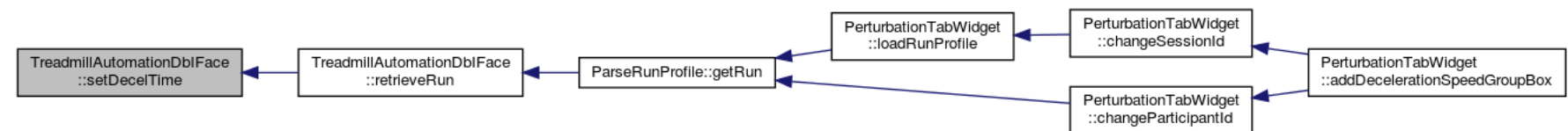


◆ setDecelTime()

```
void TreadmillAutomationDbIFace::setDecelTime ( double mdecelTime )
```

Definition at line 205 of file [TreadmillAutomationDbIFace.cpp](#).

Here is the caller graph for this function:

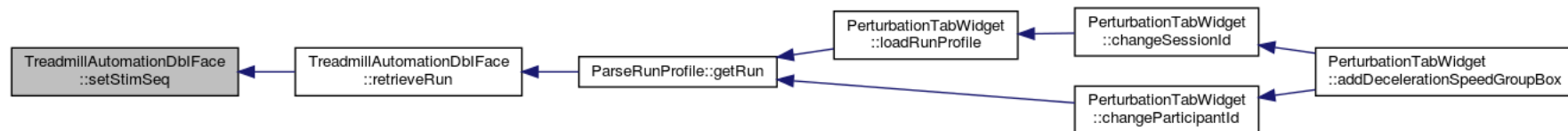


◆ setStimSeq()

void TreadmillAutomationDbIFace::setStimSeq (QString **stim**)

Definition at line 495 of file [TreadmillAutomationDbIFace.cpp](#).

Here is the caller graph for this function:

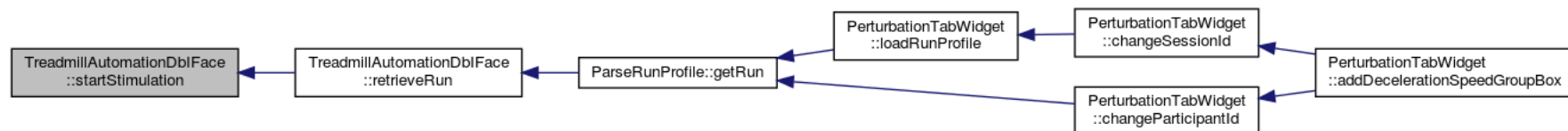


◆ startStimulation

TreadmillAutomationDbIFace::startStimulation ()

signal

Here is the caller graph for this function:

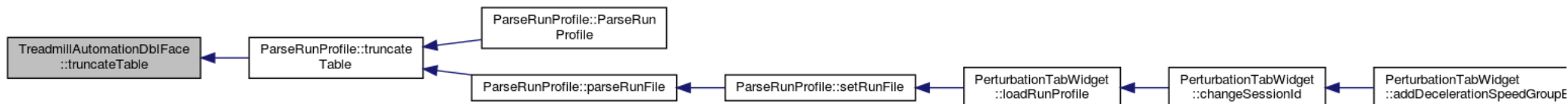


◆ truncateTable()

void TreadmillAutomationDbIFace::truncateTable (QString **table**)

Definition at line 66 of file [TreadmillAutomationDbIFace.cpp](#).

Here is the caller graph for this function:



◆ updateRunTable()

```
void TreadmillAutomationDbIFace::updateRunTable ( QString tableName,  
                                                  QString setString,  
                                                  QString whereString  
                                                  )
```

Definition at line 569 of file [TreadmillAutomationDbIFace.cpp](#).

Here is the caller graph for this function:



Member Data Documentation

◆ runsQuery

QSqlQuery TreadmillAutomationDbIFace::runsQuery

Definition at line 50 of file [TreadmillAutomationDbIFace.h](#).

◆ stimSeq

QString TreadmillAutomationDbIFace::stimSeq

Definition at line 81 of file [TreadmillAutomationDbIFace.h](#).

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

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