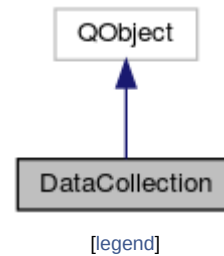


# DataCollection Class Reference

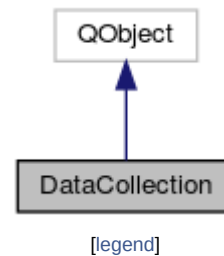
---

```
#include <DataCollection.h>
```

Inheritance diagram for DataCollection:



Collaboration diagram for DataCollection:



## Public Slots

---

```
void startRecording ()
```

## Signals

---

```
void treadmillStarted (double)
```

```
void stopThread ()
```

```
void finished ()
```

## Public Member Functions

---

```
DataCollection ()
```

**~DataCollection ()**void **createSocket** ()void **setHost** (QString)void **setPort** (QString)void **setDataFile** (QFile \*)void **setRecord** (bool)void **setSocket** (QAbstractSocket \*)

## Detailed Description

Definition at line **20** of file **DataCollection.h**.

## Constructor & Destructor Documentation

### ◆ DataCollection()

DataCollection::DataCollection ( )

Definition at line **12** of file **DataCollection.cpp**.

### ◆ ~DataCollection()

DataCollection::~DataCollection ( )

Definition at line **18** of file **DataCollection.cpp**.

## Member Function Documentation

### ◆ createSocket()

```
void DataCollection::createSocket ( )
```

Definition at line [37](#) of file [DataCollection.cpp](#).

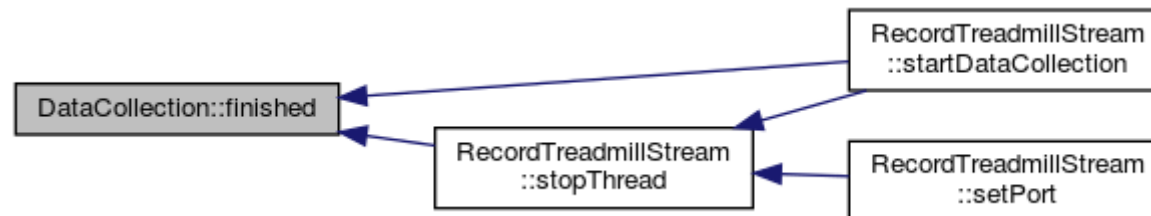
### ◆ finished

```
void DataCollection::finished ( )
```

[signal](#)

Definition at line [202](#) of file [moc\\_DataCollection.cpp](#).

Here is the caller graph for this function:

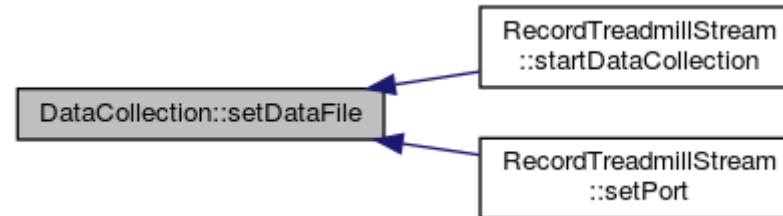


### ◆ setDataFile()

```
void DataCollection::setDataFile ( QFile * mfile )
```

Definition at line [161](#) of file [DataCollection.cpp](#).

Here is the caller graph for this function:

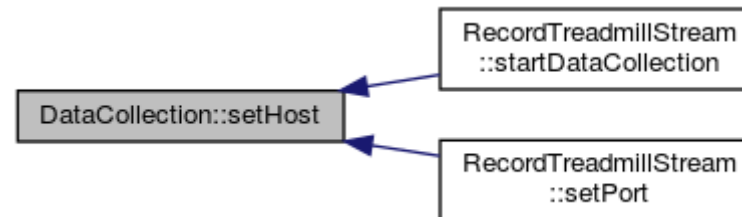


### ◆ `setHost()`

```
void DataCollection::setHost ( QString mhost )
```

Definition at line [60](#) of file [DataCollection.cpp](#).

Here is the caller graph for this function:

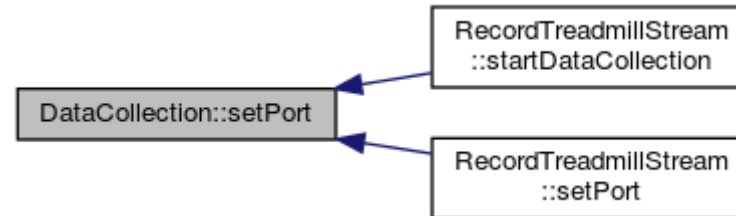


### ◆ `setPort()`

```
void DataCollection::setPort ( QString mport )
```

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

Here is the caller graph for this function:

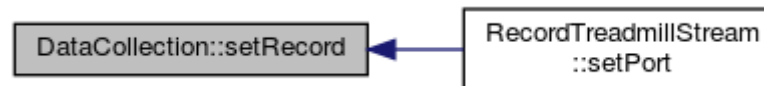


### ◆ `setRecord()`

```
void DataCollection::setRecord ( bool mrecord )
```

Definition at line [156](#) of file [DataCollection.cpp](#).

Here is the caller graph for this function:



### ◆ `setSocket()`

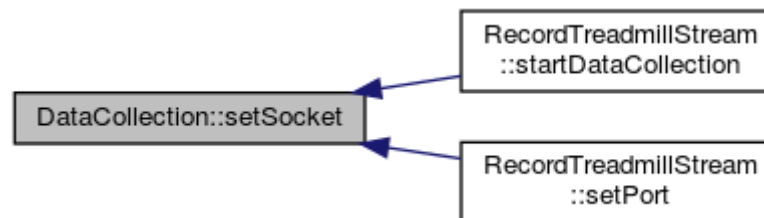
```
void DataCollection::setSocket ( QAbstractSocket * msharedSocket )
```

Definition at line [23](#) of file [DataCollection.cpp](#).

Here is the call graph for this function:



Here is the caller graph for this function:



## ◆ startRecording

```
void DataCollection::startRecording ( )
```

[slot](#)

Definition at line [117](#) of file [DataCollection.cpp](#).

Here is the caller graph for this function:



## ◆ stopThread

void DataCollection::stopThread ( )

[signal](#)

Definition at line [196](#) of file [moc\\_DataCollection.cpp](#).

Here is the caller graph for this function:



## ◆ treadmillStarted

void DataCollection::treadmillStarted ( double [\\_t1](#) )

[signal](#)

Definition at line [189](#) of file [moc\\_DataCollection.cpp](#).

Here is the caller graph for this function:



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

- [include/DataCollection.h](#)
- [build/TreadmillAutomation\\_autogen/include/moc\\_DataCollection.cpp](#)
- [src/DataCollection.cpp](#)

