

AYDP Base Station

pre-1.0-0

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Chapter 1

Hierarchical Index

1.1 Class Hierarchy

This inheritance list is sorted roughly, but not completely, alphabetically:

QMainWindow	
mainWindow	7
QWidget	
windData	8

Chapter 2

Class Index

2.1 Class List

Here are the classes, structs, unions and interfaces with brief descriptions:

mainWindow	7
windData	8

Chapter 3

File Index

3.1 File List

Here is a list of all files with brief descriptions:

main.cpp	11
mainWindow.cpp	12
mainWindow.h	12
windData.cpp	13
windData.h	13

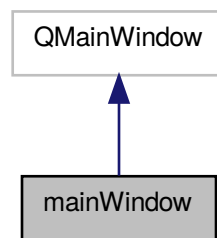
Chapter 4

Class Documentation

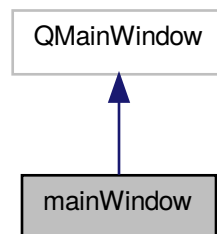
4.1 mainWindow Class Reference

```
#include <mainWindow.h>
```

Inheritance diagram for mainWindow:



Collaboration diagram for mainWindow:



Public Member Functions

- [mainWindow](#) (QMainWindow *parent=0)

4.1.1 Detailed Description

Main Window for base-station software

4.1.2 Constructor & Destructor Documentation

4.1.2.1 mainWindow::mainWindow (QMainWindow * *parent* = 0)

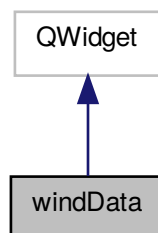
The documentation for this class was generated from the following files:

- [mainWindow.h](#)
- [mainWindow.cpp](#)

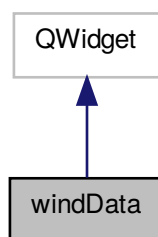
4.2 windData Class Reference

```
#include <windData.h>
```

Inheritance diagram for windData:



Collaboration diagram for windData:



Public Member Functions

- [windData](#) (`QWidget *parent=0`)

4.2.1 Detailed Description

Widget to collect wind data and plot a time history on the screen

4.2.2 Constructor & Destructor Documentation

4.2.2.1 `windData::windData (QWidget * parent = 0)`

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

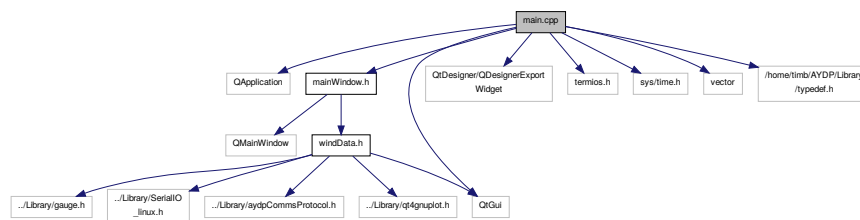
- [windData.h](#)
- [windData.cpp](#)

Chapter 5

File Documentation

5.1 main.cpp File Reference

```
#include <QApplication>
#include "mainWindow.h"
Include dependency graph for main.cpp:
```



Functions

- void [header](#) ()
- int [main](#) (int argc, char *argv[])

5.1.1 Function Documentation

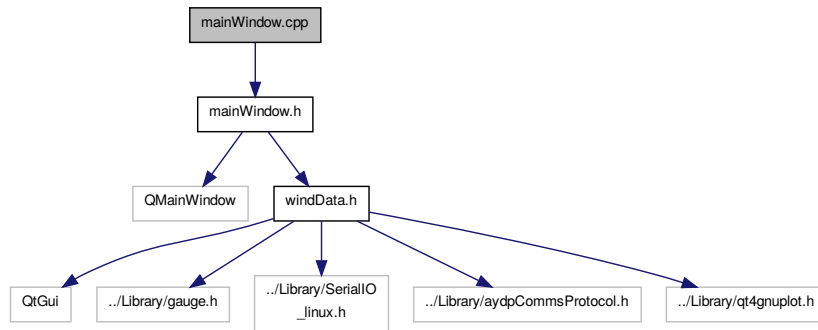
5.1.1.1 void header ()

5.1.1.2 int main (int argc, char * argv[])

5.2 mainWindow.cpp File Reference

```
#include "mainWindow.h"
```

Include dependency graph for mainWindow.cpp:

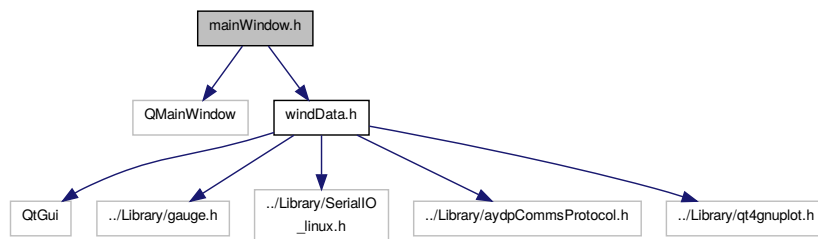


5.3 mainWindow.h File Reference

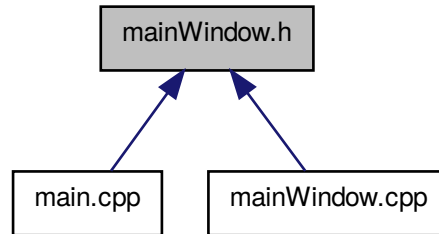
```
#include <QMainWindow>
```

```
#include "windData.h"
```

Include dependency graph for mainWindow.h:



This graph shows which files directly or indirectly include this file:

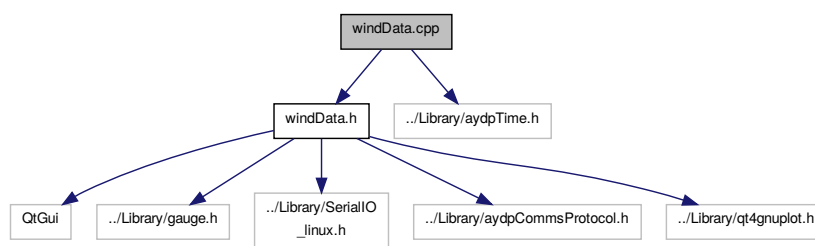


Classes

- class [mainWindow](#)

5.4 windData.cpp File Reference

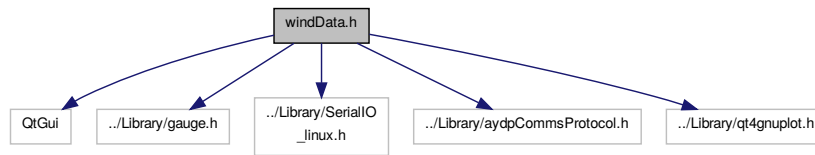
```
#include "windData.h"
#include "../Library/aydpTime.h"
Include dependency graph for windData.cpp:
```



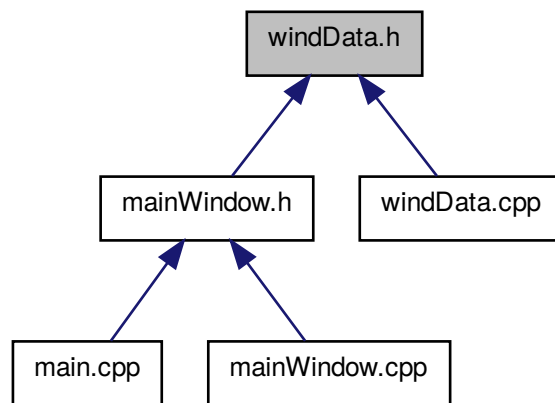
5.5 windData.h File Reference

```
#include <QtGui>
#include "../Library/gauge.h"
#include "../Library/SerialIO_linux.h"
#include "../Library/aydpCommsProtocol.h"
#include "../Library/qt4gnuplot.h"
```

Include dependency graph for windData.h:



This graph shows which files directly or indirectly include this file:



Classes

- class [windData](#)