

AYDP Base Station

pre-1.0-0

Generated by Doxygen 1.8.7

Wed Jul 9 2014 21:48:19

Contents

1	Hierarchical Index	1
1.1	Class Hierarchy	1
2	Class Index	3
2.1	Class List	3
3	File Index	5
3.1	File List	5
4	Class Documentation	7
4.1	mainWindow Class Reference	7
4.1.1	Detailed Description	8
4.1.2	Constructor & Destructor Documentation	8
4.1.2.1	mainWindow	8
4.2	windData Class Reference	8
4.2.1	Detailed Description	9
4.2.2	Constructor & Destructor Documentation	9
4.2.2.1	windData	9
5	File Documentation	11
5.1	main.cpp File Reference	11
5.1.1	Function Documentation	11
5.1.1.1	header	11
5.1.1.2	main	11
5.2	mainWindow.cpp File Reference	12
5.3	mainWindow.h File Reference	12
5.4	windData.cpp File Reference	13
5.5	windData.h File Reference	13

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

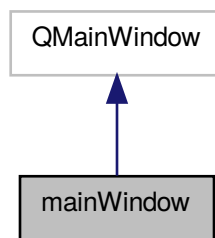
Chapter 4

Class Documentation

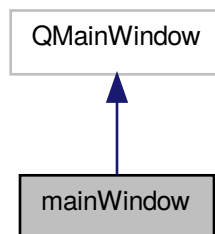
4.1 mainWindow Class Reference

```
#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)

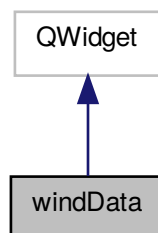
The documentation for this class was generated from the following files:

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

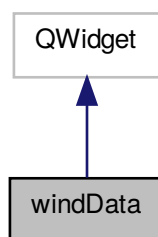
4.2 windData Class Reference

```
#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:

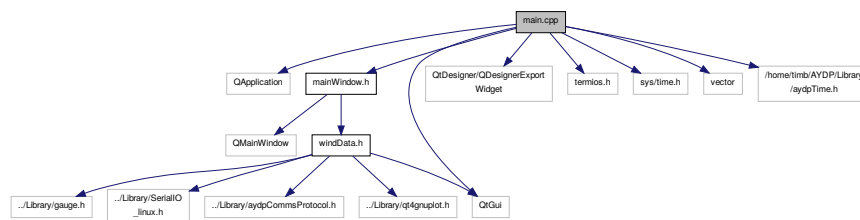
- [windData.h](#)
- [windData.cpp](#)

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

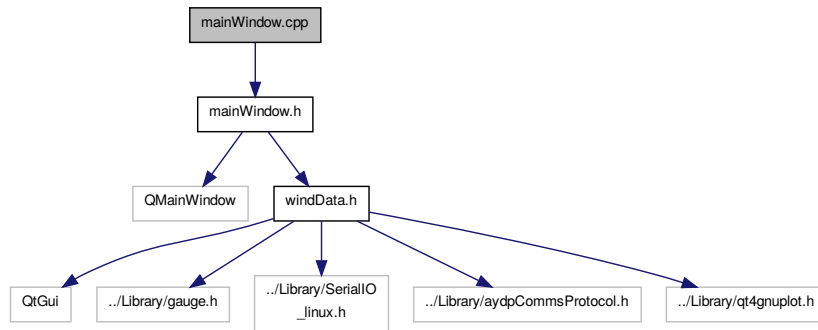
5.1.1.1 void header ()

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:

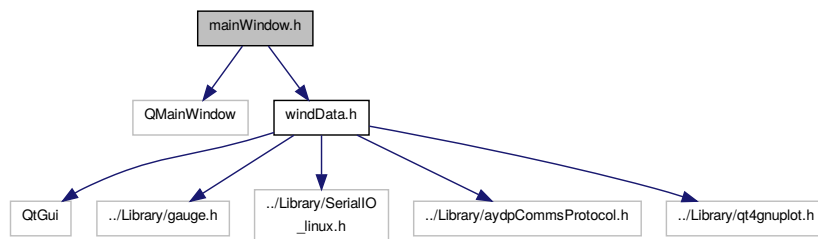


5.3 mainWindow.h File Reference

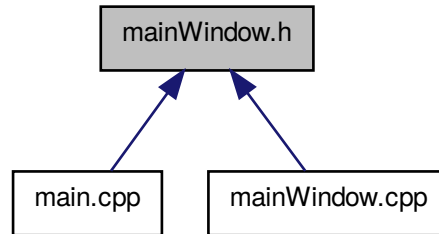
```
#include <QMainWindow>
```

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

Include dependency graph for mainWindow.h:



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

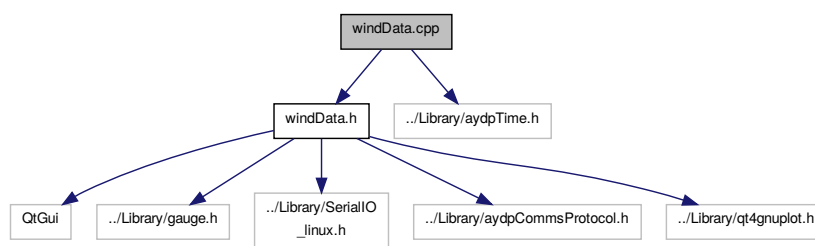


Classes

- class [mainWindow](#)

5.4 windData.cpp File Reference

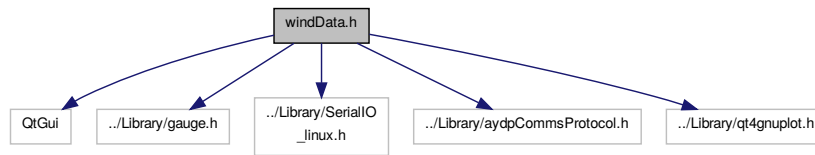
```
#include "windData.h"
#include "../Library/aydpTime.h"
Include dependency graph for windData.cpp:
```



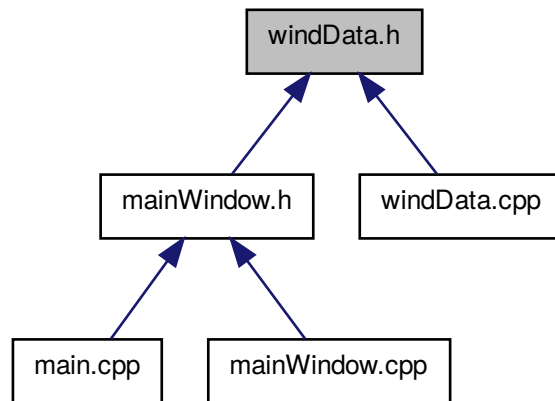
5.5 windData.h File Reference

```
#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](#)