

My Project

Generated by Doxygen 1.9.6

1 Class Index	1
1.1 Class List	1
2 File Index	3
2.1 File List	3
3 Class Documentation	5
3.1 Car Class Reference	5
3.1.1 Detailed Description	5
3.1.2 Constructor & Destructor Documentation	5
3.1.2.1 Car()	5
3.1.2.2 ~Car()	6
3.1.3 Member Function Documentation	6
3.1.3.1 use_horn()	6
4 File Documentation	7
4.1 experiment1/include/experiment1/car.hpp File Reference	7
4.2 car.hpp	7
4.3 experiment1/src/car.cpp File Reference	7
4.4 experiment1/src/node1.cpp File Reference	7
4.4.1 Function Documentation	8
4.4.1.1 main()	8
4.5 experiment1/test/car_test.cpp File Reference	8
4.5.1 Function Documentation	8
4.5.1.1 TEST()	8
4.6 experiment1/test/main.cpp File Reference	8
4.6.1 Function Documentation	9
4.6.1.1 main()	9
Index	11

Chapter 1

Class Index

1.1 Class List

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

Car	Class for car	5
---------------------	-------------------------	-------------------

Chapter 2

File Index

2.1 File List

Here is a list of all files with brief descriptions:

experiment1/include/experiment1/ car.hpp	7
experiment1/src/ car.cpp	7
experiment1/src/ node1.cpp	7
experiment1/test/ car_test.cpp	8
experiment1/test/ main.cpp	8

Chapter 3

Class Documentation

3.1 Car Class Reference

Class for car.

```
#include <car.hpp>
```

Public Member Functions

- [Car](#) (int speed, int weight)
- [~Car](#) ()
- void [use_horn](#) ()

3.1.1 Detailed Description

Class for car.

3.1.2 Constructor & Destructor Documentation

3.1.2.1 Car()

```
Car::Car (  
    int speed,  
    int weight )
```

Parameters

<i>speed</i>	
<i>weight</i>	

3.1.2.2 ~Car()

```
Car::~~Car ( )
```

3.1.3 Member Function Documentation

3.1.3.1 use_horn()

```
void Car::use_horn ( )
```

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

- [experiment1/include/experiment1/car.hpp](#)
- [experiment1/src/car.cpp](#)

Chapter 4

File Documentation

4.1 experiment1/include/experiment1/car.hpp File Reference

Classes

- class [Car](#)
Class for car.

4.2 car.hpp

[Go to the documentation of this file.](#)

```
00001 #ifndef MYPROJECT_MYCLASS_HPP
00002 #define MYPROJECT_MYCLASS_HPP
00003
00008 class Car
00009 {
00010 private:
00011     int speed;
00012     int weight;
00013 public:
00017     Car(int speed, int weight);
00018     ~Car();
00019
00020     void use_horn();
00021 };
00022
00023 #endif
```

4.3 experiment1/src/car.cpp File Reference

```
#include <iostream>
#include "experiment1/car.hpp"
```

4.4 experiment1/src/node1.cpp File Reference

```
#include <stdio>
#include "experiment1/car.hpp"
```

Functions

- `int main` (int argc, char **argv)

4.4.1 Function Documentation

4.4.1.1 main()

```
int main (  
    int argc,  
    char ** argv )
```

4.5 experiment1/test/car_test.cpp File Reference

```
#include "gtest/gtest.h"
```

Functions

- `TEST` (DEMO_TEST_SUITE, TEST_CAR)
Construct a new TEST object.

4.5.1 Function Documentation

4.5.1.1 TEST()

```
TEST (  
    DEMO_TEST_SUITE ,  
    TEST_CAR )
```

Construct a new TEST object.

4.6 experiment1/test/main.cpp File Reference

```
#include "gtest/gtest.h"
```

Functions

- int `main` (int argc, char *argv[])

4.6.1 Function Documentation

4.6.1.1 `main()`

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

Parameters

<i>argc</i>	
<i>argv</i>	

Returns

int

Index

`~Car`

`Car`, [6](#)

`Car`, [5](#)

`~Car`, [6](#)

`Car`, [5](#)

`use_horn`, [6](#)

`car_test.cpp`

`TEST`, [8](#)

`experiment1/include/experiment1/car.hpp`, [7](#)

`experiment1/src/car.cpp`, [7](#)

`experiment1/src/node1.cpp`, [7](#)

`experiment1/test/car_test.cpp`, [8](#)

`experiment1/test/main.cpp`, [8](#)

`main`

`main.cpp`, [9](#)

`node1.cpp`, [8](#)

`main.cpp`

`main`, [9](#)

`node1.cpp`

`main`, [8](#)

`TEST`

`car_test.cpp`, [8](#)

`use_horn`

`Car`, [6](#)