

My Project

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Chapter 1

File Index

1.1 File List

Here is a list of all files with brief descriptions:

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Chapter 2

File Documentation

2.1 Course.cpp File Reference

```
#include "Course.h"  
#include <iostream>  
#include <string>
```

2.2 Department.cpp File Reference

```
#include "Department.h"  
#include "Course.h"  
#include <map>  
#include <string>  
#include <sstream>  
#include <memory>
```

2.3 Globals.cpp File Reference

```
#include "Globals.h"
```

Variables

- MyFileDatabase * [globalDatabase](#) = nullptr

2.3.1 Variable Documentation

2.3.1.1 globalDatabase

```
MyFileDatabase* globalDatabase = nullptr
```

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2.4 main.cpp File Reference

```
#include <iostream>
#include <map>
#include <string>
#include <csignal>
#include "../external_libraries/Crow-1.2.0-Darwin/include/crow.h"
#include "Course.h"
#include "Department.h"
#include "MyFileDatabase.h"
#include "RouteController.h"
#include "Globals.h"
#include "MyApp.h"
```

Functions

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

2.4.1 Function Documentation

2.4.1.1 main()

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

Sets up the HTTP server and runs the program

2.4.1.2 signalHandler()

```
void signalHandler (
    int signal)
```

Copyright 2024 <Columbia University> Method to handle proper termination protocols

2.5 MyApp.cpp File Reference

```
#include "MyApp.h"
#include <iostream>
```

2.6 MyFileDatabase.cpp File Reference

```
#include "MyFileDatabase.h"
#include <iostream>
#include <fstream>
```


2.7 RouteController.cpp File Reference

```
#include <map>
#include <string>
#include <exception>
#include <iostream>
#include "../external_libraries/Crow-1.2.0-Darwin/include/crow.h"
#include "RouteController.h"
#include "Globals.h"
#include "MyFileDatabase.h"
```

Functions

- crow::response [handleException](#) (const std::exception &e)

2.7.1 Function Documentation

2.7.1.1 handleException()

```
crow::response handleException (
    const std::exception & e)
```

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