YAODAQ

Yet An Other DAQ

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Chapter 1

License

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Chapter 2

Namespace Index

2.1 Namespace List

Here is a list of all namespaces with brief descriptions:

yaodaq 9

Chapter 3

Class Index

3.1 Class List

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

yaodaq::Identifier 11

Chapter 4

File Index

4.1 File List

Here is a list of all files with brief descriptions:

include/yaodaq/Class.hpp 13
include/yaodaq/Identifier.hpp 14
src/yaodaq/Identifier.cpp 14

Chapter 5

Namespace Documentation

5.1 yaodaq Namespace Reference

Classes

- class Identifier

Enumerations

- enum class Class : std::int_least16_t { Unknown = -1 , Module = 0 , Browser = 100 , WebSocketServer = Module + 1 }

5.1.1 Enumeration Type Documentation

5.1.1.1 Class

```
enum class yaodaq::Class :  std::int_least16_t  [strong]
```

Enumerator

Unknown	
Module	
Browser	
WebSocketServer	

Chapter 6

Class Documentation

6.1 yaodaq::Identifier Class Reference

`#include <yaodaq/Identifier.hpp>`

Public Member Functions

- Identifier ()=default
- Identifier (const Class &, const std::string &, const std::string &)
- std::string getClass () const
- std::string getType () const
- std::string getName () const
- Class getClassId () const
- std::string get () const

6.1.1 Constructor & Destructor Documentation

6.1.1.1 Identifier() [1/2]

```
yaodaq::Identifier::Identifier ( )  [default]
```

6.1.1.2 Identifier() [2/2]

```
yaodaq::Identifier::Identifier (
            const Class & aClass,
            const std::string & type,
            const std::string & name )
```

6.1.2 Member Function Documentation

6.1.2.1 get()

```
std::string yaodaq::Identifier::get ( ) const
```

6.1.2.2 getClass()

```
std::string yaodaq::Identifier::getClass ( ) const
```

6.1.2.3 getClassId()

```
Class yaodaq::Identifier::getClassId ( ) const
```

6.1.2.4 getName()

```
std::string yaodaq::Identifier::getName ( ) const
```

6.1.2.5 getType()

```
std::string yaodaq::Identifier::getType ( ) const
```

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

- include/yaodaq/Identifier.hpp
- src/yaodaq/Identifier.cpp

Chapter 7

File Documentation

7.1 License.md File Reference

7.2 include/yaodaq/Class.hpp File Reference

```
#include <cstdint>
```

Namespaces

- namespace yaodaq

Enumerations

- enum class yaodaq::Class : std::int_least16_t { yaodaq::Unknown = -1 , yaodaq::Module = 0 , yaodaq::Browser = 100 , yaodaq::WebSocketServer = Module + 1 }

7.3 Class.hpp

Go to the documentation of this file.

```
1 #ifndef YAODAQ_CLASS_H_
2 #define YAODAQ_CLASS_H_
3
4 #include <cstdint>
5
6 namespace yaodaq
7 {
8
9 enum class Class : std::int_least16_t
10 {
11   Unknown = -1,
12   Module  = 0,
13   Browser = 100,
14
15   WebSocketServer = Module + 1,
16 };
17
18 }
19
20 #endif
```

7.4 include/yaodaq/Identifier.hpp File Reference

```
#include "yaodaq/Class.hpp"
#include <string>
```

Classes

- class yaodaq::Identifier

Namespaces

- namespace yaodaq

7.5 Identifier.hpp

Go to the documentation of this file.

```
1 #ifndef YAODAQ_IDENTIFIER_H_
2 #define YAODAQ_IDENTIFIER_H_
3
4 #include "yaodaq/Class.hpp"
5
6 #include <string>
7
8 namespace yaodaq
9 {
10
11 class Identifier
12 {
13 public:
14   Identifier() = default;
15   Identifier(const Class&, const std::string&, const std::string&);
16   std::string getClass() const;
17   std::string getType() const;
18   std::string getName() const;
19   Class       getClassId() const;
20   std::string get() const;
21
22 private:
23   Class       m_Class{Class::Unknown};
24   std::string m_Type{"Unknown"};
25   std::string m_Name{"Unknown"};
26 };
27
28 }  // namespace yaodaq
29
30 #endif
```

7.6 src/yaodaq/Identifier.cpp File Reference

```
#include "yaodaq/Identifier.hpp"
#include "yaodaq/Class.hpp"
#include <magic_enum.hpp>
#include <string>
```

Namespaces

- namespace yaodaq