



YAODAQ

Y e t A n O t h e r D A Q

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Chapter 1

License

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Chapter 2

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Chapter 3

Namespace Index

3.1 Namespace List

Here is a list of all namespaces with brief descriptions:

yaodag	11
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Chapter 4

Class Index

4.1 Class List

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

yaodag::Identifier	13
--	----

Chapter 5

File Index

5.1 File List

Here is a list of all files with brief descriptions:

include/yaodaq/ Class.hpp	15
include/yaodaq/ Identifier.hpp	15
src/yaodaq/ Identifier.cpp	16

Chapter 6

Namespace Documentation

6.1 yaodaq Namespace Reference

Classes

- class [Identifier](#)

Enumerations

- enum class [Class](#) : std::int_least16_t { [Unknown](#) = -1 , [Module](#) = 0 , [Browser](#) = 100 , [WebSocketServer](#) = Module + 1 }

6.1.1 Enumeration Type Documentation

6.1.1.1 Class

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

Enumerator

Unknown	
Module	
Browser	
WebSocketServer	

Chapter 7

Class Documentation

7.1 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

7.1.1 Constructor & Destructor Documentation

7.1.1.1 Identifier() [1/2]

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

7.1.1.2 Identifier() [2/2]

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

7.1.2 Member Function Documentation

7.1.2.1 get()

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

7.1.2.2 getClass()

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

7.1.2.3 getClassId()

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

7.1.2.4 getName()

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

7.1.2.5 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 8

File Documentation

8.1 docs/third_party_licenses.md File Reference

8.2 License.md File Reference

8.3 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 }

8.4 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
```

8.5 include/yaodaq/Identifier.hpp File Reference

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

Classes

- class [yaodaq::Identifier](#)

Namespaces

- namespace [yaodaq](#)

8.6 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
```

8.7 src/yaodaq/Identifier.cpp File Reference

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

Namespaces

- namespace [yaodaq](#)