



# 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

# Namespace Index

### 2.1 Namespace List

Here is a list of all namespaces with brief descriptions:

<a href="#">yaodag</a> . . . . .	9
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## Chapter 3

# Class Index

### 3.1 Class List

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

<a href="#">yaodag::Identifier</a> . . . . .	11
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## Chapter 4

# File Index

### 4.1 File List

Here is a list of all files with brief descriptions:

include/yaodaq/ <a href="#">Class.hpp</a>	13
include/yaodaq/ <a href="#">Identifier.hpp</a>	14
src/yaodaq/ <a href="#">Identifier.cpp</a>	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](#)