

## Deployment Test

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# 1 Deployment test

A test repository to test GitHub Actions to do the following:

- Create release and publish Doxygen HTML documentation to a version specific subdirectory in the `gh-pages` branch
- Publish the Doxygen for the *latest* (development) code to the `latest` subdirectory in the `gh-pages` branch
- Create branches for patches to major.minor release builds

## 1.1 Setup

Create the `gh-pages` branch for a repository:

```
git checkout --orphan gh-pages
git reset --hard
touch .nojekyll
git push origin gh-pages
```

## 2 Change Log

## 3 Namespace Index

### 3.1 Namespace List

Here is a list of all documented namespaces with brief descriptions:

|                               |                   |
|-------------------------------|-------------------|
| <a href="#">deploytest</a>    |                   |
| The Deployment Test namespace | <a href="#">2</a> |

## 4 Class Index

### 4.1 Class List

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

|                                       |                   |
|---------------------------------------|-------------------|
| <a href="#">deploytest::TestClass</a> |                   |
| The Deployment Test struct            | <a href="#">3</a> |

## 5 File Index

### 5.1 File List

Here is a list of all documented files with brief descriptions:

|                                  |                   |
|----------------------------------|-------------------|
| <a href="#">include/test.hpp</a> |                   |
| The main Deployment Test file    | <a href="#">4</a> |

## 6 Namespace Documentation

### 6.1 `deploytest` Namespace Reference

The Deployment Test namespace.

#### Classes

- class [TestClass](#)  
    *The Deployment Test struct.*

#### 6.1.1 Detailed Description

The Deployment Test namespace.

## 7 Class Documentation

### 7.1 deploytest::TestClass Class Reference

The Deployment Test struct.

```
#include <test.hpp>
```

#### Public Member Functions

- [TestClass](#) ()  
*Creates an empty Test Class object.*
- [TestClass](#) (const **std::string** &name)  
*Creates a Test Class with the specified name.*
- const **std::string** & [Name](#) () const  
*Gets the name.*
- **std::size\_t** [Length](#) () const  
*Gets the object length.*

#### 7.1.1 Detailed Description

The Deployment Test struct.

#### 7.1.2 Constructor & Destructor Documentation

##### 7.1.2.1 TestClass() [1/2] `deploytest::TestClass::TestClass ( )`

Creates an empty Test Class object.

##### 7.1.2.2 TestClass() [2/2] `deploytest::TestClass::TestClass ( const std::string & name )`

Creates a Test Class with the specified name.

#### Parameters

|             |                        |
|-------------|------------------------|
| <i>name</i> | The name for the class |
|-------------|------------------------|

#### 7.1.3 Member Function Documentation

**7.1.3.1 Length()** `std::size_t deploytest::TestClass::Length ( ) const [inline]`

Gets the object length.

**Returns**

The length of the object

**7.1.3.2 Name()** `const std::string& deploytest::TestClass::Name ( ) const [inline]`

Gets the name.

**Returns**

The name of the object

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

- [include/test.hpp](#)

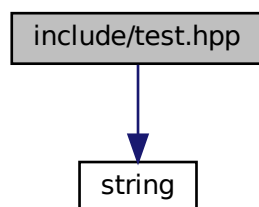
## 8 File Documentation

### 8.1 [include/test.hpp](#) File Reference

The main Deployment Test file.

```
#include <string>
```

Include dependency graph for test.hpp:



#### Classes

- class [deploytest::TestClass](#)  
*The Deployment Test struct.*

## Namespaces

- [deploytest](#)  
*The Deployment Test namespace.*

## Macros

- `#define DEPLOYTEST_VERSION_MAJOR 0`  
*Major version number of the Library.*
- `#define DEPLOYTEST_VERSION_MINOR 1`  
*Minor version number of the Library.*
- `#define DEPLOYTEST_VERSION_REVISION 0`  
*Revision version number of the Library.*
- `#define DEPLOYTEST_VERSION_SUFFIX "-DEV"`  
*Pre-release suffix of the Library.*

### 8.1.1 Detailed Description

The main Deployment Test file.

### 8.1.2 Macro Definition Documentation

#### 8.1.2.1 DEPLOYTEST\_VERSION\_MAJOR `#define DEPLOYTEST_VERSION_MAJOR 0`

Major version number of the Library.

#### 8.1.2.2 DEPLOYTEST\_VERSION\_MINOR `#define DEPLOYTEST_VERSION_MINOR 1`

Minor version number of the Library.

#### 8.1.2.3 DEPLOYTEST\_VERSION\_REVISION `#define DEPLOYTEST_VERSION_REVISION 0`

Revision version number of the Library.

#### 8.1.2.4 DEPLOYTEST\_VERSION\_SUFFIX `#define DEPLOYTEST_VERSION_SUFFIX "-DEV"`

Pre-release suffix of the Library.

Use [semantic versioning](#) suffices with alpha characters are compared by ASCII ordering; therefore `-DEV` < `-alpha` < `-beta` < `-rc` providing `DEV` is uppercase and `alpha`, `beta`, and `rc` are all lower case.



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