

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:

[deploytest](#)

The Deployment Test namespace

[2](#)

4 Class Index

4.1 Class List

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

[deploytest::TestClass](#)

The Deployment Test struct

[3](#)

5 File Index

5.1 File List

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

[include/test.hpp](#)

The main Deployment Test file

[4](#)

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](#)

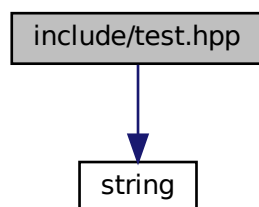
8 File Documentation

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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