
C++UnitX Reference Manual

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CHAPTER 1

Introduction

C++UnitX is an xUnit-style testing framework for C++11 and later.

2.1 Assertions

The functions described in this section are declared in the *cppunitx::assertion* namespace.

```
template<class T, class U>  
void assertEqual (T x, U y, const char *message = nullptr)
```

```
template<class T, class U>  
void assertEqual (T x, U y, const std::string &message)  
    This function asserts two values are equal to each other.
```

```
void fail (const char *message = nullptr)
```

```
void fail (const std::string &message)  
    This function signals a test failure by throwing an exception.
```


CHAPTER 3

Exceptions

The header `<cppunitx/exception>` defines the class for exceptions.

```
class AssertionFailedException : public std::runtime_error
```

This class represents the exceptions thrown when an assertion failed.

CHAPTER 4

Indices and tables

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