



Search:  Go

Reference <iomanip> setfill

Not logged in

register log in

C++

Information

Tutorials

Reference

Articles

Forum

Reference

C library:

Containers:

Input/Output:

<fstream>

<iomanip>

<ios>

<iosfwd>

<iostream>

<istream>

<ostream>

<sstream>

<streambuf>

Multi-threading:

Other:

<iomanip>

get\_money

get\_time

put\_money

put\_time

resetiosflags

setbase

setfill

setiosflags

setprecision

setw

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function

**std::setfill** <iomanip>

```
/*unspecified*/ setfill (char_type c);
```

**Set fill character**

Sets *c* as the stream's *fill character*.

Behaves as if member *fill* were called with *c* as argument on the stream on which it is inserted as a manipulator (it can be inserted on *output streams*).

This manipulator is declared in header *<iomanip>*.

**Parameters**

c

The new *fill character* for the stream.  
char\_type is the type of characters used by the stream (i.e., its first class template parameter, charT).

**Return Value**

Unspecified. This function should only be used as a stream manipulator (see example).

**Example**

```
1 // setfill example
2 #include <iostream>      // std::cout, std::endl
3 #include <iomanip>        // std::setfill, std::setw
4
5 int main () {
6     std::cout << std::setfill ('x') << std::setw (10);
7     std::cout << 77 << std::endl;
8     return 0;
9 }
```

**Output:**

xxxxxxxx77

**Data races**

The stream object on which it inserted is modified.  
Concurrent access to the same stream object may introduce data races.

**Exception safety**

**Basic guarantee:** if an exception is thrown, the stream is in a valid state.

**See also**

<b>setw</b>	Set field width (function )
<b>basic_ios::fill</b>	Get/set fill character (public member function )

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