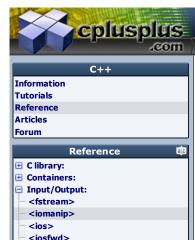
Go



<iostream>

<ostream>

<sstream>

<streambuf>Multi-threading:Other:

| Ciomanip>
| get_money | Get_lime | Get_lim

function

Reference

std::Setbase <iomanip>

/*unspecified*/ setbase (int base);

<iomanip>

Set basefield flag

Sets the basefield to one of its possible values: dec, hex or oct, according to argument base.

Behaves as if setf(which,ios_base::basefield) were called on the stream on which it is inserted/extracted as a manipulator, with which being:

- dec, if *base* is 10
- hex, if *base* is 16
- oct, if base is 8
- zero, if base is any other value.

It can be inserted/extracted on *input streams* or *output streams*.

This manipulator is declared in header <iomanip>.

Parameters

base

Numerical radix to be used:

base argument	same as inserting
8	oct
10	dec
16	hex
any other	<pre>resetiosflags(ios_base::basefield)</pre>

Return Value

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

Example

```
// setbase example
#include <iostream> // std::cout, std::endl
#include <iomanip> // std::setbase

int main () {
    std::cout << std::setbase(16);
    std::cout << 110 << std::endl;
    return 0;
}</pre>
```

This code uses the setbase manipulator to set hexadecimal as the basefield selective flag.

Output:

6e

Data races

The stream object on which it is inserted/extracted 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

oct	Use octal base (function)
dec	Use decimal base (function)
hex	Use hexadecimal base (function)
ios_base::fmtflags	Type for stream format flags (public member type)

Not logged in

log in

register

Home page | Privacy policy © cplusplus.com, 2000-2015 - All rights reserved - v3.1 Spotted an error? contact us