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Reference

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ios_base

ios_base::ios_base
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member functions:
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ios_base::setf
ios_base::sync_with_stdio

public member function

std::**ios_base::ios_base**

<ios> <iostream>

C++98 C++11 ?

protected: ios_base();
private: ios_base (const ios_base&);

Construct object

ios_base objects have indeterminate values on construction. Each ios_base base object shall be initialized by calling `basic_ios::init`.

The class is meant to be a base class, and thus has no public constructors, preventing objects of this class to be constructed -- only objects of derived classes can be constructed.

C++98 C++11 ?

ios_base also declares a copy assignment member function. Like the copy constructor, this function is also private:

```

1 private:
2   ios_base (const ios_base&);
3   ios_base& operator= (const ios_base&);

```

Exception safety

Strong guarantee: if an exception is thrown, there are no side effects.

ios_base::unsetf

ios_base::width

member types:

ios_base::event

ios_base::event_callback

ios_base::failure

ios_base::fmtflags

ios_base::Init

ios_base::iostate

ios_base::openmode

ios_base::seekdir

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