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protected member function

std::ios::move

<ios> <iostream>

```
void move (ios& x);
void move (ios&& x);
```

Move internals

Transfers all internal members of *x* to **this*, except the associated *stream buffer* (*rdbuf* returns a *null pointer* after the call).

x is left in an unspecified but valid state, except that it is not *tied* (*tie* returns always a *null pointer*) and its associated *stream buffer* is unchanged (*rdbuf* returns the same as before the call).

Derived classes can call this function to implement *move semantics*.

Parameters

x

Stream object whose members are moved to **this*.

Return Value

none

Data races

Modifies both stream objects (**this* and *x*).
Concurrent access to any of these stream objects may cause data races.

Exception safety

Basic guarantee: if an exception is thrown, both streams are in a valid state.

See also

ios::swap

Swap internals (protected member function)

ios::operator bool

ios::operator!

ios::rdbuf

ios::rdstate

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protected members:

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PatchIT Updating Library

PatchIT offers fully automated updating libraries for coding