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C++ Method

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public member function

std::istringstream::swap

<sstream>

void swap (istringstream& x);

Swap internals

Exchanges all internal data between x and \*this.

Internally, the function calls `istream::swap` and then calls the member `swap` of the associated `stringbuf` object.

Parameters

x

Another `istringstream` object.

Return Value

none

Example

```

1 // swapping istringstream objects
2 #include <string>      // std::string
3 #include <iostream>    // std::cout
4 #include <sstream>     // std::istringstream
5
6 int main () {
7
8     std::istringstream foo ("100");
9     std::istringstream bar ("200");
10
11     foo.swap(bar);
12
13     int val;
14
15     foo >> val; std::cout << "foo: " << val << '\n';
16     bar >> val; std::cout << "bar: " << val << '\n';
17
18     return 0;
19 }

```

Output:

foo: 200

bar: 100

Data races

Modifies both stream objects (\*this and x).

Exception safety

**No-throw guarantee:** this member function never throws exceptions.

See also

istringstream::operator=

Move assignment (public member function)

istream::swap

Swap internals (protected member function)

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