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PatchIT Updating Libraries

PatchIT offers fully automated updating libraries for coding

public member function

**std::ofstream::swap** 

<fstream>

void swap (ofstream& x);

**Swap internals**

Exchanges all internal data between x and \*this.

Internally, the function calls `ostream::swap` and then calls the member `swap` of the associated `filebuf` object.

**Parameters**

x

Another `ofstream` object.

**Return Value**

none

**Example**

```
1 // swapping ofstream objects
2 #include <fstream>      // std::ofstream
3
4 int main () {
5     std::ofstream foo;
6     std::ofstream bar ("test.txt");
7
8     foo.swap(bar);
9
10    foo << "lorem ipsum";
11
12    foo.close();
13
14    return 0;
15 }
```

**Data races**

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

**Exception safety**

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

**See also**

<b>ofstream::operator=</b>	Move assignment (public member function )
<b>ostream::swap</b>	Swap internals (protected member function )

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<http://www.cplusplus.com/reference/fstream/ofstream/swap/>

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