

truncate Any contents that existed in the file before it is open are discarded. trunc These flags can be combined with the bitwise OR operator (1).

* in is always set for ifstream objects (even if explicitly not set in argument mode).

Note that even though ifstream is an input stream, its internal filebuf object may be set to also support output operations.



If the mode has app set, the opening operation fails. It also fails if trunc is set but out is not.

A ifstream object of the same type (with the same class template parameters charT and traits), whose value is moved.

Example

```
// ifstream constructor.
                                                       #include <iostream>
                          // std::cout
 #include <fstream>
                          // std::ifstream
5 int main () {
```

Not loaged in

<fstream>

log in

register

```
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11
while (ifs.good()) {
    std::cout << c;
    c = ifs.get();
}

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ifs.close();
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19</pre>
```

Data races

The move constructor (4) modifies x.

Exception safety

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🞐 See also

ifstream::open

Open file (public member function)

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