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// allocate memory:

// read data as a block:
is.read (buffer,length);

char * buffer = new char [length];

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          is.close();
          // print content:
std::cout.write (buffer,length);
          delete[] buffer;
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28 }
       return 0;
```

In this example, seekg is used to move the position to the end of the file, and then back to the beginning.

Data races

Modifies the stream object.

Concurrent access to the same stream object may cause data races.

Exception safety

Basic guarantee: if an exception is thrown, the object is in a valid state.

It throws an exception of member type failure if the resulting error state flag is not goodbit and member exceptions was set to throw for that state.

Any exception thrown by an internal operation is caught and handled by the function, setting badbit. If badbit was set on the last call to exceptions, the function rethrows the caught exception.



🛊 See also

istream::tellg	Get position in input sequence (public member function)
ostream::seekp	Set position in output sequence (public member function)

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