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public member type

std::ios_base::event_callback

Event callback function type

Type for *callback functions* registered with member `register_callback`.
It is defined as a member type of `ios_base` as:

```
typedef void (*event_callback) (event ev, ios_base& obj, int index);
```

Therefore it is a function returning no value and having taking three arguments:

ev

An object of enum member type `event`. When the *callback function* is called, this is set to one of the three possible values to indicate what type of event triggered the function call.

obj

When the *callback function* is called, this is a reference to the stream object on which the even is triggered (*this).

index

When the *callback function* is called, this is set to the same value used as *index* argument when the function was registered with member `register_callback`.

See also

[ios_base::register_callback](#) Register event callback function (public member function)

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