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ios_base

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public member type

std::**ios_base::openmode**

<ios> <iostream>

Type for stream opening mode flags

Bitmask type to represent stream *opening mode flags*.

A value of this type can be any valid combination of the following member constants:

member constant	opening mode
app	(append) Set the stream's position indicator to the end of the stream before each output operation.
ate	(at end) Set the stream's position indicator to the end of the stream on opening.
binary	(binary) Consider stream as binary rather than text.
in	(input) Allow input operations on the stream.
out	(output) Allow output operations on the stream.
trunc	(truncate) Any current content is discarded, assuming a length of zero on opening.

These constants are defined in the `ios_base` class as public members. Therefore, they can be referred to either directly by their name as members of `ios_base` (like `ios_base::in`) or by using any of their inherited classes or instantiated objects, like for example `ios::ate` or `cout.out`.

ios_base::unsetf

ios_base::width

member types:

ios_base::event

ios_base::event_callback

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