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Reference

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PatchIT Updating Library

PatchIT offers fully automated updating libraries for coding

protected virtual member function

std::filebuf::imbue

<fstream>

```
void imbue (const locale& loc);
```

Imbue locale

Specifies the locale object to be used for conversions on input/output operations performed on the *file stream buffer*.

If *loc* is not the same locale as currently used by the *file stream buffer*, either the internal position pointer points to the beginning of the file, or its *encoding* is not state-dependent. Otherwise, it causes *undefined behavior*.

Imbuing a different locale may require the conversion of previously converted characters.

This virtual member function overrides the inherited member `streambuf::imbue`, called by member `pubimbue` to notify a change in imbued locale.

Note that the *imbued* locale object is kept by the `streambuf` base and shall not change between calls to this function.

Parameters

loc

The `locale` object being imbued.

Return Value

none

Data races

Modifies the `filebuf` object.

Concurrent access to the same *file stream buffer* object may introduce data races.

Exception safety

Basic guarantee: if an exception is thrown, the *file stream buffer* is in a valid state.

See also

<code>streambuf::pubimbue</code>	Imbue locale (public member function )
<code>streambuf::imbue</code>	Imbue locale (protected virtual member function )

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