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protected virtual member function

std::**stringbuf::underflow**
<sstream>

```
int underflow();
```

**Get character**

Returns the character at the current *get pointer* position (*gptr*), if one is available. Otherwise it returns EOF.

This virtual function is called by public member functions of *streambuf* such as *sgetc* to request a new character when there are no read positions available at the *get pointer* (*gptr*). Because *stringbuf* objects cannot make more read characters available, the function always returns EOF in these cases.

**Parameters**

none

**Return Value**

If a character is available at the *get pointer* position (*gptr*), that character, converted a value of type int. Otherwise, the function returns EOF.

**Data races**

Accesses the *stringbuf* object.  
Concurrent access to the same object may cause data races.

**Exception safety**

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

**See also**

<b>stringbuf::overflow</b>	Put character (protected virtual member function )
<b>streambuf::sgetc</b>	Get current character (public member function )
<b>streambuf::uflow</b>	Get character on underflow and advance position (protected virtual member function )

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