
Subject: Re: Bug in String/Stream or just misleading documentation?

Posted by [Werner](#) on Wed, 06 Feb 2008 20:04:33 GMT

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luzr wrote on Wed, 06 February 2008 18:26String is zero terminated, but can contain zeroes...

String s; s[s.GetLength()] == 0 is legal operation and is always true.

Thank you for the clarification.

After thinking again I have to admit that there isn't any bug.

When reading the documentation for the first time, I was thinking that

Quote:void Put(const String& s)

Writes String to the the stream. String can contain zero characters.

s String to write.

means "String may be empty". That was what I wanted to express using the pseudo code "s.GetLength() == 0".

My mistake was that I was trying to build a String with its last character being a '\0' by writing

```
String str;  
str = "xxx\0";
```

overlooking that the character sequence is actually an array of char which of course sends the trailing '\0' to hell.

Sorry for the hassle.

Werner