Subject: Format Issues - Dynamic width and alignment
Posted by captainc on Wed, 29 Oct 2008 16:48:52 GMT

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Hey, I'm trying to use alignment and dynamic widths based on the size of strings with the Format function.
Ex:
Cout() << Format("|%20=s|\n", "test");   // Works as expected
Cout() << Format("|%*=s|\n", 20, "test"); // Seg Fault Heap Corrupted

How can I use * to insert the width I want dynamically?

Update:
Found a small workaround...
String fm("");
int width = 20;
fm.Cat() << "%" << width << "=s";
Cout() << Format(fm, "test");

Would still like to know if it is possible with just 1 formatting line though.

Subject: Re: Format Issues - Dynamic width and alignment
Posted by mirek on Thu, 30 Oct 2008 22:29:54 GMT

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captainc wrote on Wed, 29 October 2008 12:48Hey, I'm trying to use alignment and dynamic widths based on the size of strings with the Format function.
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Obviously, something like

Cout() << Format(String().Cat() << '%' << width << "=s", "test")

would work. Anyway, the original code should work as well, something to fix (working on it).

BTW, you do not need .Cat there:

fm << "%" << width << "=s";

that is only needed for 'String().Cat()' construct - you cannot write

String() << "hello"

in standard C++.

Mirek

Subject: Re: Format Issues - Dynamic width and alignment
Posted by mirek on Fri, 31 Oct 2008 09:24:26 GMT
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Fixed.

Mirek

Subject: Re: Format Issues - Dynamic width and alignment
Posted by captainc on Fri, 31 Oct 2008 22:47:28 GMT
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Very awesome indeed! Thank you for the quick fix.