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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.

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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 12:48: Hey, I'm trying to use alignment and dynamic widths based on the size of strings with the Format function.

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String fm("");  
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fm.Cat() << "%" << width << "=s";  
Cout() << Format(fm, "test");
```

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

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

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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

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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.

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