
Subject: NFormat should check if args were left
Posted by [hans](#) on Sat, 15 Apr 2006 07:48:52 GMT
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IMHO the NFormat function should check if any args were not printed, so NFormat("%n", 23, 43) will bugcheck.

Could be something like (in format.cpp)

```
RegisterValueFormatter(L"vt", &StdFormatFormatter);  
...  
...  
    if(*s == '\\0') {  
#ifdef _DEBUG  
        if (pos < v.GetCount()) {  
            LOG("Not enough formatter: " << pos << " but " << v.GetCount() << " arg(s)");  
            NEVER();  
        }  
#else  
        if (pos < v.GetCount()) {  
            result << " !MOREARGS! ";  
            for (int i= pos; i < v.GetCount(); ++i)  
                result << v[i] << ' ';  
        }  
#endif  
        return result;  
    }
```

Subject: Re: NFormat should check if args were left
Posted by [mirek](#) on Mon, 17 Apr 2006 17:11:10 GMT
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Well, a good idea, however things are not that easy: "pos < v.GetCount" even if all parameters were used (because you can apply them in arbitrary order, using position in formatting specifiers).

Would require some sort of bitset or Index, I am not sure whether it is worth the trouble...

Mirek

Subject: Re: NFormat should check if args were left
Posted by [hans](#) on Mon, 17 Apr 2006 18:42:09 GMT
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Thanks,

I see there is more work needed.
But I think it is worth the trouble. Especially with arg reordering in translations.

Subject: Re: NFormat should check if args were left
Posted by [mirek](#) on Mon, 17 Apr 2006 19:35:49 GMT
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Actually, another question to investigate, especially when translations are considered, is whether it is really good idea in all cases. I can imagine scenarios where in certain language translations, some parameters are unused deliberately...

Mirek
