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Subject: Re: FORMAT question

Posted by [David Fanning](#) on Fri, 27 Mar 2009 15:46:39 GMT

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Ilo writes:

```
> Hi folks,
>
> I used to use the Embedded Formatting Commands to print strings with a
> nice format, know I've a question.
> I've the following float: 65465.45
>
> And I want to represent it as a string in a IDLgrText object.
> The result I want is something like this:
> aa=OBJ_NEW('IDLgrText',STRING='6.5x10!U4',/ENABLE_FORMATTING )
> XOBJVIEW, aa
>
> My "problem" is that I don't know how to convert it as a string using
> the FORMAT KEYWORD of the STRING FUNCTION.
> I mean, I want to use a code like this:
> f=65465.45
> aa=OBJ_NEW('IDLgrText',STRING=STRING(f,FORMAT='xxxxxxx'),/
> ENABLE_FORMATTING)
> XOBJVIEW, aa
>
> And I need the an expression 'xxxxxxx' in order to obtain my result.
> Any suggestions?
```

How about this:

```
FUNCTION times10, number
  n = String(number, FORMAT='(e0.1)')
  e = StrPos(n, 'e')
  IF e EQ -1 THEN RETURN, n
  theNumber = StrMid(n, 0, e) + ' x 10!U4'
  RETURN, theNumber
END

f = 65465.45
str = Obj_New('IDLgrText', Times10(f), /Enable_formatting)
xobjview, str
END
```

Cheers,

David

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David Fanning, Ph.D.

Fanning Software Consulting, Inc.  
Coyote's Guide to IDL Programming: <http://www.dfanning.com/>  
Sepore ma de ni thui. ("Perhaps thou speakest truth.")

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