
Subject: FORMAT question

Posted by [Paul Manusiu](#) on Fri, 05 Oct 2001 07:06:45 GMT

[View Forum Message](#) <> [Reply to Message](#)

Hi,

Does anyone if its possible to use a function or variable as a parameter or option to FORMAT ?

;e.g. if I have

print, blah, FORMAT = '(2(F6.1))'

; but I want something like this

for var = 0, 10 do \$

print, blah[var,*], FORMAT = '(var(F6.1))'

Any help please will be much appreciated

Paul M.

Subject: Re: FORMAT question

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

[View Forum Message](#) <> [Reply to Message](#)

llo 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

--

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.")

Subject: Re: FORMAT question
Posted by [natha](#) on Fri, 27 Mar 2009 15:56:27 GMT
[View Forum Message](#) <> [Reply to Message](#)

Thanks David,
You are always available to answer the questions.

With FORMAT='(e0.1)' it's enough for me ! I didn't know this
conversion format.

Thanks !
llo
