Subject: Re: Again: How to use FORMAT like sprintf??
Posted by wmconnolley on Wed, 25 Sep 2002 09:03:48 GMT

Brian Huether <brian.huether@dlr.de> wrote:
> What I really need to do is something like this:

> s = sprintf('SIZE(%s, /%s)', arrayname, somekeyword)

> So if arrayname is A and somekeyword is TYPE, then the resulting string
> would be

> 'SIZE(A, /TYPE)'

So why not write

s='size('+arrayname+',/'+somekeyword+')'

-W.

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William M Connolley | wmc@bas.ac.uk | http://www.nerc-bas.ac.uk/icd/wmc/
Climate Modeller, British Antarctic Survey | Disclaimer: I speak for myself
I'm a .signature virus! copy me into your .signature file & help me spread!

Subject: Re: Again: How to use FORMAT like sprintf??
Posted by James Kuyper on Wed, 25 Sep 2002 14:24:07 GMT

Brian Huether wrote:
>
> I posted this question and got some great ansers but everytime I tried the
> examples that you all showed me, IDL gave me this error:
>
> Unexpected text in format
>
> I am using IDL 5.2. Could that be the problem? If so, can someone explain
> how to do what I need using version 5.2? Here is my original message:

I don't know when IDL started supporting C style format codes; it might
not have done so yet in 5.2. In that case, you'll need to learn to use
the Fortran-style format codes instead:

IDL> s = string(10, FORMAT= $
IDL> '("IDL has been driving me crazy for the last ",I0," days")')
IDL> print,s
IDL has been driving me crazy for the last 10 days

```
IDL> arrayname='A'
IDL> somekeyword='TYPE'
IDL> s = string(arrayname, somekeyword, FORMAT= $
IDL> '("SIZE(",A0,", /",A0,")")' )
IDL> print,s
SIZE(A, /TYPE)
```

Just look in the online help, or your user's guide, for 'format codes'.