
Subject: Re: printing floats/integer
Posted by [Sean Heukels](#) on Thu, 08 Mar 2001 14:21:08 GMT
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What if I don't know that the float will
be 8 in length and has 6 decimals ??

How can we put this in a subroutine, that handles
a variable (e.g. PRO FORMAT, var1) and returns
the right way to print ??

For the int I use

```
PRO FORMAT, var
which=SIZE(var, /TYPE)
if (which eq 2) then begin
le=FLOOR(ALOG10(var)) + 1
RETURN, STRING(var, FORMAT='(I'+STRTRIM(STRING(le))+')')
endif else if (which eq 4) then begin
```

How do I do this for a float >>>??
1.22222200000 must become 1.22222 without leading or trailing spaces.
And in the best scenario 1.00 doesn't become 1., but 1.0

Sean

Klaus Scipal <kscipal@ipf.tuwien.ac.at> schreef in berichtnieuws
9882vb\$sb1@news.tuwien.ac.at...

```
> you can use the the string command in connection with format
>
> for example
> IDL> x=1.222221000000000000000000
> IDL> print, string(format='(f8.6)',x)
> 1.222221
>
> klaus
>
> Sean Heukels <sean77=cuthere=@dds.nl> wrote in message
> news:9881p0$55o$1@newshost.accu.uu.nl...
>> I wrote a small module for integers. The variable is formatted and
> returned.
>>
>> "1      " returns as "1"
>>
>> Now this doesn't work with floats. for example if I want to print
```

```
> "1.22221"
>> |
>> dont want to see it as "1.2222210000000000000000" or
>> "1.222222"
>>
>> Does anyone know how I can solve this ??
>>
>> Greetz Sean
>>
>>
>
>
```
