

---

Subject: Converting Doubles to Strings

Posted by [David Fanning](#) on Sat, 05 Nov 2005 07:47:59 GMT

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

---

Folks,

I've run into an interesting problem. I have a double precision number that I wish to convert to a string (so I can put it into a text widget, for example). I don't know ahead of time how many significant digits will be in this number. The number could look like this 45.6, or this 123456789.123456789, or this -22.1234567890. If it looks like the latter number, I am having a very hard time converting it to a string. For example, this doesn't work:

```
IDL> v = String(-22.1234567890, Format='(D0)')
IDL> Print, v
-22.123457
```

Is this a bug in IDL? Or am I overlooking something?

Cheers,

David

--

David Fanning, Ph.D.,

Fanning Software Consulting, Inc.

Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

---

---

Subject: Re: Converting Doubles to Strings

Posted by [biophys](#) on Tue, 08 Nov 2005 06:51:11 GMT

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

---

yes, i agree with you. here i used it just because ocassionally i may have integers feeding from another widget. however, this turned out to be unnecessary. thanks, bp

Reimar Bauer wrote:

> biophys wrote:

>

> Dont't do that conversion of an input float to double please use an internal  
> variable and look at this nice article

>

> [http://www.dfanning.com/math\\_tips/double.html](http://www.dfanning.com/math_tips/double.html)

>

> cheers

> Reimar

>

---