Subject: Converting Doubles to Strings
Posted by David Fanning on Sat, 05 Nov 2005 07:47:59 GMT

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
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