Subject: Re: How to plot multiple charts and ho to round float to specific precision? Posted by Paul Van Delst[1] on Thu, 28 Jul 2005 16:30:39 GMT

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```
liko2@o2.pl wrote:
```

- > No, it has to be a value of variable, later used for a part of title of
- > a chart. So it has to be exact value with only 2 digits after zero.

Given your floating point variable,

```
IDL> x=23.45654
IDL> print, x
23.4565
```

you can stick it into a string variable

```
IDL> cx=string(x,format='(f15.2)')
IDL> help, cx
CX STRING = ' 23.46'
```

Note I used the format f15.2 since you might have a number like

```
IDL> y=7140264.38264
IDL> cy=string(y,format='(f15.2)')
IDL> help, cy
CY STRING = ' 7140264.38'
```

You'll want to leave enough room up front (via the "15" in f15.2) for the extra digits.

And then you can crop the above results to your heart's content:

```
IDL> help, strtrim(cx,2), strtrim(cy,2)
<Expression> STRING = '23.46'
<Expression> STRING = '140264.38'
for your plot titles.
paulv
---
```

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