
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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