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Subject: Re: How to plot multiple charts and ho to round float to specific precision?

Posted by [Benjamin Hornberger](#) on Thu, 28 Jul 2005 22:38:37 GMT

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Paul Van Delst wrote:

> 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

>

Can't you just use a "0" in the format string ('(f0.2)') instead of using a large number first and then trimming the string?

Benjamin

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