
Subject: Re: Setting odd/even numbers and decimal places in ENVI widgets

Posted by [David Fanning](#) on Sat, 14 Mar 2009 23:33:12 GMT

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a.l.j.ford@gmail.com writes:

- > I'm currently using widget_slider (and widget_sslider), but I need to
- > constrain them to only odd numbers (so I can set the kernel size for
- > processing later in my User Function). How does one make sure that
- > such widgets only return (and display) either odd or even numbers?

Capture the event that changes the widget value and then check to see if the value is odd or not, (value MOD 2) EQ 0. If it is even, add one to it and make this the new value of the slider.

- > In a similar fashion I'm using cw_fslider and need to return numbers
- > with just one or two decimal places. How can I make sure the widget
- > only displays (and returns) numbers with such few decimal places?

I find Number_Formatter to be useful for formatting numbers when I am working with widgets:

http://www.dfanning.com/programs/number_formatter.pro

But something like this:

```
number = 35.345638
num = String(Round(number*100)/100., Format='(F0.2)')
print, num
```

Cheers,

David

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

Sepore ma de ni thui. ("Perhaps thou speakest truth.")
