
Subject: Formatting WIDGET_TABLE cells?

Posted by [Harald Jeszenszky](#) on Mon, 23 Oct 2006 10:59:15 GMT

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Hi,

When I try to format some WIDGET_TABLE columns holding double precision data I always get the following error message:

```
WIDGET_CONTROL, (*ptr).idData, USE_TABLE_SELECT=[4,0,9,9],  
FORMAT='(F15.3)'
```

%WIDGET_CONTROL: Unable to set format for table widget

If I use ALIGNMENT=2 instead of FORMAT='(F15.3)' the cells are right-justified as expected, so it could not be a matter of cell selection.

Any idea?

Thanks,
Harald

Subject: Re: Formatting WIDGET_TABLE cells?

Posted by [jjones](#) on Tue, 21 Nov 2006 20:08:29 GMT

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It looks like on a table widget the FORMAT keyword to WIDGET_CONTROL will only be allowed on selected cells, which were ***initialized*** with an explicit FORMAT setting. A bug report has been entered on this. In the meantime, the below WIDGET_TABLE() function call syntax would work around this problem:

```
PRO selectable_table_ex  
  data = string(findgen(6,10))  
  tlb = widget_base(/COLUMN)  
  wTable = widget_table(tlb, /EDITABLE, VALUE=data, $  
    FORMAT=replicate('(d7.3)', size(data, /DIMENSIONS)), $  
    ALIGNMENT=2)  
  widget_control, tlb, /REALIZE  
  widget_control, wTable, USE_TABLE_SELECT=[4,0,4,3], $  
    FORMAT=replicate('(d4.1)',1,4)  
END
```

Note that this only works if the FORMAT keyword to WIDGET_TABLE() is an array, and it only enables all cells, if that array's size is equal to the full size of the table.

Harald Jeszenszky wrote:

```
> Hi,  
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> I always get the following error message:  
>  
> WIDGET_CONTROL, (*ptr).idData, USE_TABLE_SELECT=[4,0,9,9],  
> FORMAT='(F15.3)'  
>  
> %WIDGET_CONTROL: Unable to set format for table widget  
>  
> If I use ALIGNMENT=2 instead of FORMAT='(F15.3)' the cells are  
> right-justified as expected, so it could not be a matter of cell selection.  
>  
> Any idea?  
>  
> Thanks,  
> Harald
```
