> <P>I am using IDL 5.1 on a LINUX PC.
>
> <P>There is something wrong with the CW_FSLIDER procedure.
>
If you create the Widget e.g. with
>
> <P><B>IDL> </B>base=WIDGET_BASE()
>
<B>IDL></B> axes = CW_FSLIDER(base,VALUE=0.0, MAXIMUM=300.0,
MINIMUM=-300.0,
> /EDIT,FRAME=5)
>
<B>IDL></B> WIDGET_CONTROL, /REALIZE, base
>
> <P>The current value is set to the Slider minimum, -300.
>
The bad thing is, that IDL takes this value for further calculations
> in my ..._EVENT procedure.
>
> <P>Any other value instead of zero works.

Must be a LINUX thing. The floating slider works perfectly
on my Windows machine running IDL 5.1.

Cheers,

David

--
David Fanning, Ph.D.
Fanning Software Consulting
E-Mail: davidf@dfanning.com
Phone: 970-221-0438
Coyote's Guide to IDL Programming: http://www.dfanning.com/

Heiko Hünnefeld wrote:

>>
>
> Hi all,
>

> I just observed a very strange thing:
> I tried (as root) to find out, where the bug occurs in the CW_FSLIDER
> procedure,
> and then I closed the file again without changes.
> After new compilation the problem went away !
> I do not know why, but it works now on the LINUX-PC, but still not on
> the UNIX workstation,
> where I can not become root-user.
>
> No idea, what happened.
> Heiko
>

May be that's the file before you'd saved it had some special escape
sequences like 13b.
idl on unix will remove them in the way you did.

I have a lot of problems with @journal without a "blanc" and a ";" at the
end.
Because if the file was created on a PC / windows the unix won't find a
file @journal^M.

May be that's your problem is something like this.

--
R.Bauer

Institut fuer Stratosphaerische Chemie (ICG-1)
Forschungszentrum Juelich
email: R.Bauer@fz-juelich.de

Subject: Re: Problems with CW_FSLIDER
Posted by Alex Schuster on Tue, 23 Jun 1998 07:00:00 GMT
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Heiko Hünnefeld wrote:

> try your test program again and change line 8 to the following:
>
> axes = CW_FSLIDER(base,VALUE=0.0, $
>   MAXIMUM=300.0, MINIMUM=-300.0, /EDIT,FRAME=5)
>
> The effect is, that the current value is set to -300.
> If, however, you change line 8 to
>
> axes = CW_FSLIDER(base,VALUE=53.1, $

>   MAXIMUM=300.0, MINIMUM=-300.0, /EDIT,FRAME=5)
>
> it works fine as it should.

It works with any value except for 0.0. Looks like... right, again RSI
uses KEYWORD_SET insteaf of N_ELEMENTS to check for parameters. Hello
RSI, this sucks!!

Our cw_fslider.pro of IDL 4 has this line in it:
  IF NOT (KEYWORD_SET(val)) THEN val = min

In IDL 5, is is:
  IF N_ELEMENTS(val) EQ 0   THEN val = min

We are using IDL 5.03, so I guess RSI fixed this in this update. Of
course they don't tell us in the modification history of the source
code.

     Alex
--
  Alex Schuster   Wonko@weird.cologne.de   PGP Key available
          alex@pet.mpin-koeln.mpg.de

Subject: Re: Problems with CW_FSLIDER
Posted by   on Tue, 23 Jun 1998 07:00:00 GMT
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>

Hi all,

I just observed a very strange thing:
I tried (as root) to find out, where the bug occurs in the CW_FSLIDER
procedure,
and then I closed the file again without changes.
After new compilation the problem went away !
I do not know why, but it works now on the LINUX-PC, but still not on
the UNIX workstation,
where I can not become root-user.

No idea, what happened.
Heiko

> --
>
> Heiko Hï¿½nnefeld

>
> HASYLAB / DESY

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  22603 Hamburg
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>
>
>
>

Subject: Re: Problems with CW_FSLIDER
Posted by   on Tue, 23 Jun 1998 07:00:00 GMT
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dlhopols@knmi.nl wrote:

> Hi Heiko,
>   I run SGI/IRIX UNIX with IDL 5.0 and, using the following program (which you
> gave as a sample):
>
> ======================================
> pro test_slider_event,event
> print,'--------- begin test_slider_event structure ----------------'
> help,event,/structure
> print,'--------- end test_slider_event structure ----------------'
> END
> pro test_slider
> base=WIDGET_BASE()
> axes = CW_FSLIDER(base,VALUE=-300.0, $
>   MAXIMUM=300.0, MINIMUM=-300.0, /EDIT,FRAME=5)
> WIDGET_CONTROL, /REALIZE, base
> xmanager,'test_slider',base, $
>   event_handler = 'test_slider_event',/no_block
> END
> === ====
>
> And I get as a result of the print, where the VALUE varies as I would expect.:
>
> IDL>
> --------- begin test_slider_event structure ----------------
> ** Structure <1035b408>, 5 tags, length=20, refs=1:
>   ID   LONG   11
>   TOP   LONG   10
>   HANDLER   LONG   10

>   VALUE   FLOAT   130.909
>   DRAG   INT   0
> --------- end test_slider_event structure ----------------
>
> Does this simulate what you expect? Let me know if there's another test that
> I can run. I wasn't sure what you meant by changing the initial value.
>
> Rose
>
> -----== Posted via Deja News, The Leader in Internet Discussion ==-----
> http://www.dejanews.com/   Now offering spam-free web-based newsreading

Hi Rose,

try your test program again and change line 8 to the following:

```
 axes = CW_FSLIDER(base,VALUE=0.0,  $
     MAXIMUM=300.0, MINIMUM=-300.0, /EDIT,FRAME=5)
```

The effect is, that the current value is set to -300.
If, however, you change line 8 to

```
 axes = CW_FSLIDER(base,VALUE=53.1,  $
     MAXIMUM=300.0, MINIMUM=-300.0, /EDIT,FRAME=5)
```

it works fine as it should.

By the way, I am sorry for posting the last message in HTML - thank you for your
e-mails.

Heiko

--

Heiko Hï¿½nnefeld

 HASYLAB / DESY

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 Fax.: 040 / 8998-2787
 e-mail: hhuenne@desy.de

Subject: Re: Problems with CW_FSLIDER
Posted by dlhopols on Tue, 23 Jun 1998 07:00:00 GMT

In article <358E5187.AD912CB7@desy.de>,

> <P>Second, we tested the same on UNIX alpha workstations, and observed
> the same phenomena.
>
Does anybody see the same feature ?
>
> <P>Thanks,
>
Heiko

Hi Heiko,
 I run SGI/IRIX UNIX with IDL 5.0 and, using the following program (which you gave as a sample):

```
======================================
pro test_slider_event,event
print,'--------- begin test_slider_event structure ----------------'
help,event,/structure
print,'--------- end test_slider_event structure ---------------'
END
pro test_slider
 base=WIDGET_BASE()
 axes = CW_FSLIDER(base,VALUE=-300.0,  $
 MAXIMUM=300.0, MINIMUM=-300.0, /EDIT,FRAME=5)
 WIDGET_CONTROL, /REALIZE, base
xmanager,'test_slider',base,  $
  event_handler = 'test_slider_event',/no_block
END
 ============================================================ ====
```

And I get as a result of the print, where the VALUE varies as I would expect.:

```
IDL>
--------- begin test_slider_event structure ----------------
** Structure <1035b408>, 5 tags, length=20, refs=1:
   ID          LONG            11
   TOP         LONG             10
   HANDLER     LONG              10
   VALUE       FLOAT        130.909
   DRAG        INT         0
--------- end test_slider_event structure ---------------
```

Does this simulate what you expect? Let me know if there's another test that I can run. I wasn't sure what you meant by changing the initial value.

Rose

Subject: Re: Problems with CW_FSLIDER
Posted by dlhopols on Wed, 24 Jun 1998 07:00:00 GMT
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Hi again Heiko,
 I made the changes you suggested and I still don't seem to have any problems.
At least it doesn't seem to be a problem with IDl 5.0 and the Unix
on my SGI. Maybe this rules out some things. Good luck.

Rose