Subject: Re: Theoretical Programmers Wanted Posted by David Fanning on Wed, 08 Oct 2003 01:24:12 GMT

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David Fanning writes:

```
Now, here is another file, very similar to the first.
>
    PRO Test2
>
      tlb = Widget Base(Column=1, XOffset=200, YOffset=100)
>
      label = Widget_Label(tlb, Value='000', XSize=100, /Align_Center)
>
      Widget Control, tlb, /Realize, Set UValue=label
>
      XManager, 'test2', tlb, /No_Block
>
      FOR j=0,49 DO BEGIN
>
        Widget_Control, label, Set_Value=String(j,format='(I3.3)')
>
        Wait, 0.1
>
      ENDFOR
>
      Widget_Control, tlb, /Destroy
>
    END
>
> When you run it, a graphical user interface appears and the
> label counts up to 49. Perfect! But now you make a save file
 out of this:
>
    IDL> .compile test2
>
    IDL> Resolve All
>
    IDL> Save, File='test2.sav', /Routines
>
> When you guit IDL and double click the save file, you get
> the label appearing in the top-level base, but no count up
> on the label. It stays stuck at 000. :-(
> Here's my theoretical question: Why?
Note that if I comment out the XManager call, TEST2 works
perfectly as a save file. I actually think I understand this
whole business in the sort of fuzzy, beer-blurry way that you
understand the waitress taking your order is in love with you.
But I'm just finding it hard to explain it to others.
Perhaps I need fresh words. :-)
Cheers.
David
David W. Fanning, Ph.D.
Fanning Software Consulting, Inc.
```

Phone: 970-221-0438, E-mail: david@dfanning.com

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

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Subject: Re: Theoretical Programmers Wanted Posted by Chris Lee on Wed, 08 Oct 2003 08:24:47 GMT View Forum Message <> Reply to Message

In article <MPG.19ed1529cceabfd989704@news.frii.com>, "David Fanning" <david@dfanning.com> wrote:

```
> David Fanning writes:
>
>> Now, here is another file, very similar to the first.
     PRO Test2
       tlb = Widget_Base(Column=1, XOffset=200, YOffset=100) label =
>>
       Widget_Label(tlb, Value='000', XSize=100, /Align_Center)
>>
       Widget_Control, tlb, /Realize, Set_UValue=label XManager,
>>
       'test2', tlb, /No_Block
>>
       FOR i=0,49 DO BEGIN
         Widget Control, label, Set Value=String(j,format='(13.3)')
>>
         Wait, 0.1
>>
       ENDFOR
>>
       Widget_Control, tlb, /Destroy
>>
     END
>>
>> When you run it, a graphical user interface appears and the label
>> counts up to 49. Perfect! But now you make a save file out of this:
>>
>>
     IDL> .compile test2
     IDL> Resolve All
>>
     IDL> Save, File='test2.sav', /Routines
>>
>> When you guit IDL and double click the save file, you get the label
>> appearing in the top-level base, but no count up on the label. It stays
>> stuck at 000. :- ( Here's my theoretical question: Why?
> Note that if I comment out the XManager call, TEST2 works perfectly as a
> save file. I actually think I understand this whole business in the sort
> of fuzzy, beer-blurry way that you understand the waitress taking your
> order is in love with you. But I'm just finding it hard to explain it to
> others. Perhaps I need fresh words. :-)
> Cheers,
> David
```

Not being able to double-click to run the save file (Linux) I may be missing something, but the save file works if it is restored from within IDL for me, with or without the call to XManager.

Could it be the /no_b	ock keyword that's stopping it counting when you
double-click to run it?	

Chris.