In article <4i8842$bp2@atom.ansto.gov.au>, slx@anpnt22.anp.ansto.gov.au (Samantha Lane) writes...
> Hi again,
>   its not so aaaarrrggghhh! as I first thought, but is there a command
> to determine what version of IDL is being run ?
>
The function SINCE_VERSION() below from the IDL Astronomy Library tests
whether the current version is later than a specified one.   In your case,
it would be used as
    if since_version('4.0.0') then ....

--Wayne Landsman   landsman@stars.gsfc.nasa.gov

```
function since_version, release
;+
; NAME:
; SINCE_VERSION
;
; PURPOSE:
; Determine if the current release of IDL (as given in the
; !VERSION.RELEASE system variable) comes after the user specified
; release.
;
; CALLING SEQUENCE:
; test = SINCE_VERSION( release )
;
; INPUT:
; release - scalar string, must be formatted exactly like the
;  !VERSION.RELEASE system variable (e.g. '3.0.0')
;
; OUTPUT:
; test - 1 if current release is identical or later than the specified
;           'release' else 0
;
; EXAMPLE:
; Use the /FTOXDR keyword to the BYTEORDER procedure if the current
; release of IDL is 2.2.2 or later
;
; IDL> if since_version('2.2.2') then byteorder, a, /FTOXDR
;
; REVISION HISTORY:
; Written   Wayne Landsman       Hughes/STX       January, 1992
; Corrected algorithm    W. Landsman              April, 1992
;-
```

```
On_error,2

if N_params() EQ 0 then begin
  print, 'Syntax -  test = SINCE_VERSION( release )
  return, -1
endif

release = strtrim( release, 2)
v1 = strmid( release, 0 ,1)
v2 = strmid( release, 2, 1)
v3 = strmid( release, 4, 1)

c1 = strmid( !VERSION.RELEASE, 0, 1)
c2 = strmid( !VERSION.RELEASE, 2, 1)
c3 = strmid( !VERSION.RELEASE, 4, 1)

if c1 EQ v1 then begin

    if c2 EQ v2 then return, (c3 GE v3) else return, (c2 GT v2)

endif else return, (c1 GT v1)

end
```

Subject: Re: Widgets - 3.6 -> 4.0 Aaarrrggghhh!!
Posted by slx on Thu, 14 Mar 1996 08:00:00 GMT
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ta muchly

Samantha Lane   Australian Nuclear Science and
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ISD + 61 2 717 3601   New Illawarra Rd ,
                                  Lucas Heights. 2234

Subject: Re: Widgets - 3.6 -> 4.0 Aaarrrggghhh!!
Posted by David Foster on Thu, 14 Mar 1996 08:00:00 GMT
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slx@anpnt22.anp.ansto.gov.au (Samantha Lane) wrote:

>
> Hi again,
>   its not so aaaarrrggghhh! as I first thought, but is there a command
> to determine what version of IDL is being run ?
>

Use the !VERSION IDL environment system variable.

If changing versions screws up your widgets considerably, then
you're probably using the xsize and ysize keywords too much.
It's often a better idea to let the "system" arrange things.
Obviously, if you have draw_widgets then you'll want to size
them. If the widgets look terrible in this default fitting,
then perhaps they could be rearranged.

I HATED 4.0's new widget placement scheme, but once you get
used to it it's much more powerful.

Dave Foster
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