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Subject: Re: Widgets - 3.6 -> 4.0 Aaarrggghhh!!  
Posted by [landsman](#) on Thu, 14 Mar 1996 08:00:00 GMT  
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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](mailto: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
```

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