
Subject: Re: Widgets - 3.6 -> 4.0 Aaarrgggghh!!
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 aaaarrgggghh! 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
```
