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Subject: Re: Need Help Resolving ENDIF Errors  
Posted by [Paul Van Delst\[1\]](#) on Tue, 10 Mar 2009 21:56:13 GMT  
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einszweillieb@gmail.com wrote:

```
> I'm trying to run a procedure in IDL. The procedure has a series of
> IF LOOPS, each of minimal complexity - they are fairly simple.
>
> For example:
>
> XX=readfits('/home/kphil/img/img213.fits')
> YY=readfits('/home/kphil/img/img213.fits', EXTEN_NO=1)
> ZZ =YY
>
> G = where(ZZ ne 0)
> invarmap= ZZ * 0.0
> invarmap[G] = (1./(ZZ[G])^2)
>
> if ((where(XX ne XX))(0) ne -1) then begin
>   ZZ[where(XX ne XX)] = 0
>   XX[where(XX ne XX)] = 0
> endif
>
>
> The problem is that everything runs just great, until the ENDIF is
> reached. I CONSTANTLY get ENDIF errors.
```

Weird. On *every* endif?

```
> Why is this happening? I feel that my code is solid, but all I get
> are ENDIF errors.
```

Such basic syntax error reports are an indication code is definitely not "solid". Now, don't take that the wrong way: most of my code qualifies in the jello category so I'm quite familiar with the phenomenon. :o)

Apart from the strangeness of "where(XX ne XX)", what happens if you replace

```
if ((where(XX ne XX))(0) ne -1) then begin
```

with

```
if ((where(XX ne XX))[0] ne -1) then begin
```

?

cheers,

paulv

- > The .pro I'm running has about 7 IF LOOPS, and the ONLY errors I get
  - > are on the lines where ENDIF is.
  - >
  - > Any idea what the problem is? Help!
  - >
  - > Thanks in advance.
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