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Subject: Re: Need Help Resolving ENDIF Errors

Posted by [Jeremy Bailin](#) on Wed, 11 Mar 2009 15:19:05 GMT

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On Mar 10, 4:41 pm, einszweil...@gmail.com wrote:

> On Mar 10, 3:38 pm, einszweil...@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.

>

>> Why is this happening? I feel that my code is solid, but all I get

>> are ENDIF errors.

>

>> 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.

>

> For clarity the error message always looks something like:

>

> endif

> ^

> % Syntax error.

> At: /home/kphil/idl/pro/cltin.pro, Line 37

>

> Ugh...

My votes:

1. Yes, there is a use of asking where(XX ne XX) - it tells you where there are NaNs. I use it all the time.

2. Definitely take Ben's advice about only having one WHERE!!!

3. I think Andi's speculation is the right one... you're probably using @foo.pro instead of .run foo.pro.

-Jeremy.

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