
Subject: Re: BREAK statement

Posted by chris_torrence@NOSPAM on Wed, 01 Jul 2015 17:17:27 GMT

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On Wednesday, July 1, 2015 at 9:55:12 AM UTC-6, Helder wrote:

> On Wednesday, July 1, 2015 at 5:41:35 PM UTC+2, g.na...@gmail.com wrote:

>> Hi I typed the following:

>>

>> A = sqrt(Ax^2 + Ay^2)

>>

>> nozero = where(A ne 0, cnt)

>> if cnt eq 0 then break

>>

>> I got the following error:

>> BREAK must be enclosed within a loop (FOR, WHILE, REPEAT), CASE, or SWITCH statement.

>>

>> The error is very clear. I am not sure if the following is equivalent

>>

>> A = sqrt(Ax^2 + Ay^2)

>>

>> nozero = where(A ne 0, cnt)

>> if cnt eq 0 then return

>>

>> Using the return instead of break because that part of code does not enclosed within a loop. If not so, can anyone suggest a statement doing the same thing as BREAK without being enclosed within a loop?

>

> Break and Return are simply different.

> From the help

>

> Break: exits a loop (as said in the error code)

> Return: causes the program context to revert to the next-higher program level

>

> In other words:

>

> pro runTest

> print, 'start test'

> testBreakReturn

> print, 'end test'

> end

>

> Pro testBreakReturn

> for i=0,10 do begin

> print, 'counting ',i

> if i eq 5 then break

> endfor

> print, "I'm out of the for loop!"

```
> print, 'Now I will call the return statement'
> return
> print, 'this line will not be executed because the return makes me return to the previous pro!'
> end
>
> I hope it is clear.
>
> Look up:
> http://www.exelisvis.com/docs/BREAK.html
> http://www.exelisvis.com/docs/RETURN.html
>
> Cheers,
> Helder
```

Maybe you want to use "STOP" to actually halt execution?

-Chris
