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Subject: Re: Clever Where() test

Posted by [bertin](#) on Thu, 25 May 1995 07:00:00 GMT

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Andy Lough (afl@cdc.noaa.gov) wrote:

> In article <moleD93CEG.79n@netcom.com>, mole@netcom.com (Aaron Birenboim) writes:

> |> Is there a clever way to test for null return (-1) from WHERE???

> |>

> |> I'm doing stuff like :

> |>

> |> i = WHERE(x GT 0.0)

> |> s = SIZE(i)

> |> IF s(0) EQ 0 THEN BEGIN

> |> IF i GE 0 THEN BEGIN

> |> ; do something with x(i)

> |> ENDIF

> |> ENDIF ELSE BEGIN

> |> ; do something with the multiple elements x(i)

> |> ENDIF

> |>

> |> Is there a more clever way to handle this? Especially since the

> |> "do something...." code is often the same whether i is scalar or vector.

> |>

> |> I wish that "IF i eq -1 THEN..." wouldnt crash for vector i's!!!

> |> --

>

>

> How about this?

>

> i = WHERE( x GT 0.0, count)

> IF ( count gt 0 ) then 'do something with the x's

>

> The count is very handy indeed. You could also build a

> loop from 0, count-1 if you needed to.

>

> --

or this

IF i(0) EQ -1 THEN ...

Works for vector and scalar i's

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