
Subject: Re: input expression as a variable.
Posted by [David Fanning](#) on Fri, 06 Oct 2006 20:23:36 GMT
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queiny98@yahoo.com writes:

> May I read in an expression and then used it in the 'IF' or 'WHILE' or
> 'CASE'?

Not directly, no.

> For example, may I define the expression first, then use it? Or read in
> expressions from standard input or input files?
>
> expr1=' a gt 3'
>
> if(expr1) then do begin
> *****
> endif

No, but if have no objections to using EXECUTE, you could do this in two steps:

```
expr1=' a gt 3'  
ok = Execute('test = ' + expr1)  
IF ~ok THEN RETURN
```

```
if(test) then do begin  
    *****  
endif
```

> May I use something like:
>
> readf, in_unit, expr1

No.

> or
>
> readf, expr1, prompt='Enter Condition:'

No.

> so, the 'expr1' can be defined more flexiable.

Be careful not to be TOO flexible. The variable you are testing against will have to be defined in the program

module you use it in.

Cheers,

David

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Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

Sepore ma de ni thui. ("Perhaps thou speakest truth.")
