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Subject: Re: CASE statement

Posted by [Stein Vidar Hagfors H\[1\]](#) on Fri, 07 Sep 2001 20:39:38 GMT

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David Fanning <david@dfanning.com> writes:

> K Banerjee (kbanerje2@home.com) writes:

>

>> In IDL, is it possible to use multiple expressions with a single

>> statement?

>>

>> Something like:

>>

>> PRO CASE1, Tag

>>

>> case Tag of

>>

>> ;; The following line does not work.

>> ('TIFF') or ('tiff'): begin

>> print, "TAG is TIFF"

>> end

>>

>> else: begin

>> print, "TAG is UNKNOWN"

>> end

>>

>> endcase

>>

>> end

>

> No. The proper form of this CASE statement looks

> like this:

>

> CASE StrUpCase(tag) OF

> 'TIFF': Print, 'Tag is TIFF'

> ELSE : Print, 'Tag is Unknown'

> ENDCASE

"The proper form" ?

Well, not that I've ever used it myself, but I have seen another nifty form, something like this:

case 1 of

(tag eq 'TIFF') or \$

(tag eq 'TAFF') or \$

(tag eq 'FIFF') : begin & print, "Tag is TIFF (or a typo thereof)" & end

```
(tag eq 'GIF') or $  
(tag eq 'GUF') : begin & print,"Tag is GIF (or a typo thereof)" & end  
  
:
```

```
ELSE: print, "Tag is unknown"  
end
```

The "ELSE" part can of course be written like this (saves 3 keystrokes :-)

```
1: print,"Tag is unknown"
```

Whether this is a "proper form", I'll leave up to David :-)

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