

---

Subject: Re: CASE statement

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

[View Forum Message](#) <> [Reply to Message](#)

---

David Fanning <david@dfanning.com> writes:

> K Banerjee (kbanerje2@home.com) writes:  
>  
>> In IDL, is it possible to use mulitple 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 :-)

--

---

Stein Vidar Hagfors Haugan  
ESA SOHO SOC/European Space Agency Science Operations Coordinator for SOHO

NASA Goddard Space Flight Center, Email: [shaugan@esa.nascom.nasa.gov](mailto:shaugan@esa.nascom.nasa.gov)  
Mail Code 682.3, Bld. 26, Room G-1, Tel.: 1-301-286-9028/240-354-6066  
Greenbelt, Maryland 20771, USA. Fax: 1-301-286-0264

---