Subject: Passing optional parameters through a wrapper routine
Posted by bowman on Tue, 08 Feb 2000 08:00:00 GMT
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The _EXTRA keyword handles passing keyword parameters through a wrapper routine, but what about optional parameters? If my wrapper for TVRD has one of my own (mandatory) parameters, do I have to do the following?

```
PRO TVRD_WRAPPER, my_arg, x0, y0, nx, ny, channel, _EXTRA = tvrd_keywords

CASE N_PARAMS() OF
  1 : image = TVRD(                    _EXTRA = tvrd_keywords)
  2 : image = TVRD(x0,                 _EXTRA = tvrd_keywords)
  3 : image = TVRD(x0, y0,             _EXTRA = tvrd_keywords)
  4 : image = TVRD(x0, y0, nx,         _EXTRA = tvrd_keywords)
  5 : image = TVRD(x0, y0, nx,         _EXTRA = tvrd_keywords)
  6 : image = TVRD(x0, y0, nx, ny, channel, _EXTRA = tvrd_keywords)
  ELSE : MESSAGE, 'Incorrect number of arguments.'
ENDCASE
...
```

If I just try to pass undefined arguments through my wrapper, I get 'undefined variable' errors. (Is TVRD just counting the number of passed parameters and not checking to see if they are defined?)

Ken

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