
Subject: Re: Bug in N_PARAMS?

Posted by [R.Bauer](#) on Fri, 28 Nov 2008 10:02:33 GMT

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

The usecase for me is to call a helper routine if not enough parameters were used.

e.g.

```
if n_params() lt 2 then begin
    MESSAGE,call_help(),/cont
    return
endif
```

The user get's shown the CALLING SEQUENCE description

cheers
Reimar

Mark schrieb:

> On Nov 26, 3:29 am, "Kenneth P. Bowman" <k-bow...@null.edu> wrote:

>> Ah. That significantly restricts the utility of

>>

>> SWITCH N_PARAMS() OF

>> 0 : ...

>>

>> ENDSWITCH

>>

>> to provide default values for optional parameters.

>

> Indeed. N_ELEMENTS is what you need for that. The only use I have

> found for N_PARAMS is for writing wrapper routines

>

> pro wrapper, P1, P2, P3, P4, _REF_EXTRA=_extra

> ;; Do some other stuff

> case n_params() of

> 0: wrappee, _STRICT_EXTRA=_extra

> 1: wrappee, P1, _STRICT_EXTRA=_extra

> 2: wrappee, P1, P2, _STRICT_EXTRA=_extra

> 3: wrappee, P1, P2, P3, _STRICT_EXTRA=_extra

> 4: wrappee, P1, P2, P3, P4, _STRICT_EXTRA=_extra

> endcase

> end

>

> Ugly, but sometimes necessary.
