Subject: Re: keyword_set bug or feature
Posted by soc on Tue, 16 May 1995 07:00:00 GMT
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Chris-Chase-S1A (chase@stewart.jhuapl.edu) wrote:
: >>>>> "Rob" == Stephen O'Connell <soc@festival.ed.ac.uk> writes:

: Rob> Keyword is more than just 1/0 switches! And if you are using them
: Rob> to pass values, you just might mistakenly set one equal to zero.
: Rob> Andd although its true that you can use n_elements, you're still
: Rob> buggered if you have more than one keyword...so it is a bug
: Rob> really, in my opinion. Maybe ver. 4.0 has it sorted - does
: Rob> anyone know ?

: It is not a bug. KEYWORD_SET works exactly as documented in the "IDL
: Reference Guide". Furthermore, the guide states: "This function is
: especially useful in user-written procedures and functions that
: process keywords that are interpreted as being either true (keyword
: present and nonzero) or false (keyword was not used, or was set to
: zero)." Thus, its purpose is not for checking if a keyword is used to
: pass values. Just because KEYWORD_SET does not do what you wish does
: not mean it has a bug. Use

: N_ELEMENTS(var) NE 0

: to check for defined keywords. You can make your own function
: "KEYWORD_DEFINED()" if you think it is more convenient than
: "N_ELEMENTS(var) NE 0".

: Chris

Thanks Chris, I was totally wrong. Mark Rivers, thanks to him too,
so sorry. I got confused with n_params.

I'll never post again (ah I'm more thck skinned than that!)

Rob