
Subject: Re: keyword_set bug or feature

Posted by [chase](#) on Mon, 15 May 1995 07:00:00 GMT

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>>>> > "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

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