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Subject: Re: functions arguments

Posted by [Timm Weitkamp](#) on Tue, 15 Nov 2005 10:22:01 GMT

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Liberum wrote:

> Hi everyone,

>

> I have a function that takes several arguments and one keyword.

>

> whenever I try to use one of the arguments in a Keyword\_set() function

> or Case IDL says that the variable is undefined. I am missing something

> here and I don't know what.

> -----

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> function tool, cp, date, til, VERBOSE=verbose

>

> if keyword\_set(verbose) then print, format='(%"The product selected is

> %s for %s")', cp, date

>

> CASE cp OF

> c4 : extract = "Ma"

> c8 : extract = "CT"

> ch : extract = "HGT"

> ENDCASE

> -----

-----

> This variation also fails:

> \*\*\*\*\*

> function tool, cp, date, til, VERBOSE=verbose

>

> CASE cp OF

> c4 : extract = "Ma"

> c8 : extract = "CT"

> ch : extract = "HGT"

> ENDCASE

> \*\*\*\*\*

>

> IDL call results:

> a = tool(c4,200412,D,/verbose)

> % PRINT: Variable is undefined: CP.

>

> Appreciate any help rendered,

> Lib

In the calling sequence "a = tool(c4,200412,D,/verbose)", the expression "c4" is a variable, and this variable is apparently not defined. This is what causes the error.

Did you intend "c4", "c8", and "ch" to be string values? In that case, all occurrences of the string value must be put in quotes (single or double), both in the function call and in the CASE expression.

Hope this helps,  
Timm

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