
Subject: Find all user-defined structure definitions

Posted by [Helder Marchetto](#) on Tue, 30 Jul 2013 14:03:06 GMT

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Hi,

I realize that one can find all the structure definitions using help:

HELP, /STRUCTURES

However, I get 469 element string array out (with the output keyword) after a .reset_session. I then have to search through for my structure. This looks ugly to me.

Is there an easier way to know if a structure has been defined already?

If I use Tag_Names() or N_Tags(), I get an error if it has not been defined.

So far my solution looks like:

Help, /Structures, Output=HelpOut

Index=Where(StrPos(HelpOut,'MYSTRUCTURE') GE 0, Count)

IF Count EQ 0 THEN print, 'create structure'

Regards,

Helder

Subject: Re: Find all user-defined structure definitions

Posted by [David Fanning](#) on Tue, 30 Jul 2013 14:08:17 GMT

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Helder writes:

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>

> HELP, /STRUCTURES

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> Is there an easier way to know if a structure has been defined already?

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> Help, /Structures, Output=HelpOut

> Index=Where(StrPos(HelpOut,'MYSTRUCTURE') GE 0, Count)

> IF Count EQ 0 THEN print, 'create structure'

Why do you care if your structure has been defined already?

Cheers,

David

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David Fanning, Ph.D.

Fanning Software Consulting, Inc.

Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>

Sepore ma de ni thue. ("Perhaps thou speakest truth.")
