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 View Forum Message <> Reply to Message

Helder writes:

- > 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'

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

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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.")