Subject: Re: Keyword TNAME not allowed in call to: DATATYPE
Posted by Joe Daal on Mon, 17 May 2010 17:15:06 GMT

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Ok, found the problem:

I have the solarsoft IDL library installed in RSI/lib/
Apparently, many of the original lib routines have the same name as in
solarsoft, so IDL calls them first-sometimes.
I deleted solarsoft, all is ok now.

J

Subject: Re: Keyword TNAME not allowed in call to: DATATYPE
Posted by wlandsman on Mon, 17 May 2010 17:36:03 GMT

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I see the OP solved his problem, but I had already written the
following response:

On May 17, 1:05 pm, Joe Daal <joe.d...@gmail.com> wrote:
> Ok, this is driving me nuts. I am getting this error more often these
> days, and always avoid it by writing my own loops or so. When I use an
> IDL lib function, I often get this error:
>
> 'Keyword TNAME not allowed in call to: DATATYPE'

I don't know the answer but I can provide some possibly relevant
background. (It looks like I will be haunted by my past today...)

datatype.pro is a very old function in the IDL Astro library, which
was removed in 2006. It was written before the intrinsic SIZE()
function had all its current keywords, and later included the /TNAME
keyword to match SIZE(/TNAME)

There is also a function datatype.pro in the JHUAPL library (which
came before the Astro version) for which the /TNAME keyword was never
added.

So if there was a program trying to call the old Astro library
version, but finding the JHUAPL version, you would get that error.

The mystery is -- what program is calling datatype.pro?   The word
"datatype" does not appear in int_tabulated.pro

I might first try finding if you have datatype.pro in your !path

IDL> print,file_which('datatype.pro')

--Wayne