
Subject: Re: Keyword abbreviation ambiguities
Posted by [R.Bauer](#) on Mon, 05 Apr 2004 13:10:53 GMT
[View Forum Message](#) <> [Reply to Message](#)

mwvogel wrote:

```
> Dear All/Craig,
>
>
>>> One way to overcome this would be to use the _EXTRA keyword. One of many
>>> options would be
>>>
>>> function testfunc, _EXTRA=e
>>
>> ...
>>
>> Greetings, it's true that one can use the _EXTRA keyword explicitly,
>> i.e. by directly passing a structure through _EXTRA. However, the
>> _EXTRA keyword processing still doesn't allow us to do the desired
>> thing, which is:
>>
>> testfunc, title='a', title1='b'
>
>
> Using the code below I get the following on my system
> IDL> print, !VERSION
> { x86 Win32 Windows 5.4 Sep 25 2000   32   64}
> IDL> help, testfunc( title='a', title1='b')
> ab
> <Expression>  INT      =      0
>
> I feel this code should work cross platform, but have not tested it. Of
> course Craig Markwardt and M. Katz were right pointing out that the explicit
> definition as originally requested will not work.
>
> code :
> function testfunc, _EXTRA=e
>   ;title=t,
>   ;title1=t1
>   FOR i=0,N_TAGS(e)-1 DO $
>     CASE (TAG_NAMES(e))[i] OF
>       'TITLE' : t = e.title
>       'TITLE1': t1 = e.title1
>     ENDCASE
>   print, t, t1
>   return, 0
> end
>
>
```

This does only work if the keywords are completely written.
It would be bad to be forced to do it.

If you like to have different titles it is better to use different names
,e.g. legend_title, title, page_title.

You could group by a prefix like legend_ a whole bunch of keywords which
then could be extracted from the _extra structure easily and send to a
specific routine as e.g. title and so on.

I am using in this case extract_extra() from our library.

```
result=extract_extra(extra,'legend_*')
```

regards
Reimar

--
Reimar Bauer

Institut fuer Stratosphaerische Chemie (ICG-I)
Forschungszentrum Juelich
email: R.Bauer@fz-juelich.de

a IDL library at ForschungsZentrum Juelich
http://www.fz-juelich.de/icg/icg-i/idl_icglib/idl_lib_intro.html