
Subject: Re: Keyword abbreviation ambiguities
Posted by [R.Bauer](#) on Mon, 05 Apr 2004 13:38:10 GMT
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mwvogel wrote:

```
> One way to overcome this would be to use the _EXTRA keyword. One of many
> options would be
>
> 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
>
> Of course error checking should be performed. And full keywords should be
> used. For keyword completion, I think I once saw a post by Reimar Bauer on
> that topic.
```

This was a long thread

http://groups.google.de/groups?q=_extra+Reimar+group:comp.lang.idl-pvwave&hl=de&lr=&ie=UTF-8&group=comp.lang.idl-pvwave&selm=3B56828A.71B9D015%40fz-juelich.de&rnum=3

It is a way to get out of this rules but it is not quite easy to explain someone how to call a routine which is written this way.

routine_info gives no result about keywords. auto writing of header pages are impossible.

Until now we have a lot of routines where keyword inheritance is used. And it is quite easy to find the routine where the keywords are explained and the others could use _extra, _strict_extra or _ref_extra.

Reimar

```
>
> "Oliver Thilmann" <justspam03@yahoo.de> schreef in bericht
```

```
> news:c992bd37.0404040539.3446cff@posting.google.com...
>
>> Hi,
>>
>> the following piece of code:
>>
>>
>>> pro test
>>> y = testfunc( title=10, title1=20 )
>>> end
>>>
>>> function testfunc, title=t, title1=t1
>>> print, t, t1
>>> return, 0
>>> end
>>
>> results in the error message (IDL6.0):
>> % Ambiguous keyword abbreviation: TITLE.
>>
>> I don't see any ambiguity here. May I consider this a
>> (design-)bug, or is there some deeper meaning to this behaviour?
>> Regards
>> Oliver
>
>
>
```

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