
Subject: Re: manipulate output keywords

Posted by [Michael Galloy](#) on Tue, 13 Mar 2012 18:01:00 GMT

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On 3/13/12 9:18 AM, nata wrote:

> I already knew all of that.. Maybe I didn't explain my problem properly.

>

> My keywords are output keywords, so _EXTRA is not a structure with one field for each keyword, is undefined in the procedure TEST.

> I can't use SCOPE_VARFETCH with an undefined keyword name.

No, but _REF_EXTRA gives you the names.

> I don't know, maybe there is no way to solve this problem.. Any other ideas ?

> nata

Is this what you want to do?

```
IDL> test, out1=out1, out2=out2
```

```
Keyword name: OUT1
```

```
Input value:
```

```
<No name>      UNDEFINED = <Undefined>
```

```
Keyword name: OUT2
```

```
Input value:
```

```
<No name>      UNDEFINED = <Undefined>
```

```
IDL> help, out1, out2
```

```
OUT1      LONG      =      0
```

```
OUT2      LONG      =      1
```

Here's my routine:

```
pro test, _ref_extra=e
  compile_opt strictarr
```

```
  for i = 0L, n_elements(e) - 1L do begin
    print, e[i], format=('%"Keyword name: %s")'
    print, 'Input value:'
    help, scope_varfetch(e[i], /ref_extra)
    (scope_varfetch(e[i], /ref_extra)) = i
  endfor
end
```

Mike

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Michael Galloy

www.michaelgalloy.com

Modern IDL, A Guide to Learning IDL: <http://modernidl.idldev.com>

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