Subject: Re: manipulate ouput keywords Posted by penteado on Tue, 13 Mar 2012 14:47:10 GMT

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The extra variable is made differently when you use _ref_extra or just _extra. If you use _extra, it is a structure with one field for each keyword. But if _ref_extra is used, it is an array of keyword names. The values would have to be accessed with scope_varfetch using its /ref_extra keyword.

This is described in the "Keyword Inheritance" section of the help, though it does have something wrong:

"variable e, within TEST, contains an anonymous structure with the value:

```
[ 'LINESTYLE', 'THICK' ]"
```

Where the variable is a string array, not a structure.

On Tuesday, March 13, 2012 11:05:19 AM UTC-3, nata wrote:

- > Hello guys,
- Hono ga
- > I am developing a library and I am completely lost in something that I don't know if it's possible to do.
- > My problem is related to the output keywords that some routines can have. What I am trying to do is to collect those keywords using the extra or ref_extra keyword and return the correct output value to the caller.
- > I don't know if this is clear but see the example below:
- > IDL> TEST, OUT1=out1, OUT2=out2
- > PRO TEST, _REF_EXTRA=extra
- > ;; My routine should be able to return the values for out1 and out2
- > ;; without knowing the keyword names, is that possible ?
- > END

>

>

>

- > I tried with something like extra={OUT1: 1, OUT2: 2} but the caller does not receive the information properly.
- > Please, any help will be appreciated,
- > nata