
Subject: Re: Return array from a pro

Posted by [SonicKenking](#) on Mon, 17 Oct 2011 02:28:42 GMT

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On Oct 17, 12:24 pm, Zhang Bo <bzhang20071...@gmail.com> wrote:

> I have a subpro doing some calculation and I want to pass the result
> (several arrays) to the upper level? How to do this? or it is not
> allowed?

you can use output keywords as follows:

```
pro subpro, a=a, b=b
  a = some_calculation_1()
  b = some_calculation_2()
end
```

Subject: Re: Return array from a pro

Posted by [Carsten Lechte](#) on Mon, 17 Oct 2011 08:41:34 GMT

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On 17/10/11 03:24, Zhang Bo wrote:

> I have a subpro doing some calculation and I want to pass the result
> (several arrays) to the upper level? How to do this? or it is not
> allowed?

Just pass it as an argument:

```
IDL> .comp
- PRO test, arr
- arr= indgen(4)
- end
% Compiled module: TEST.
IDL> help, asdf
ASDF      UNDEFINED = <Undefined>
IDL> test, asdf
IDL> help, asdf
ASDF      INT      = Array[4]
IDL>
```

chl

Subject: Re: Return array from a pro

Posted by [Zhang Bo](#) on Mon, 17 Oct 2011 18:58:12 GMT

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On Oct 17, 4:41 am, Carsten Lechte <c...@toppoint.de> wrote:

> On 17/10/11 03:24, Zhang Bo wrote:

>

>> I have a subpro doing some calculation and I want to pass the result

>> (several arrays) to the upper level? How to do this? or it is not

>> allowed?

>

> Just pass it as an argument:

>

> IDL> .comp

> - PRO test, arr

> - arr= indgen(4)

> - end

> % Compiled module: TEST.

> IDL> help, asdf

> ASDF UNDEFINED = <Undefined>

> IDL> test, asdf

> IDL> help, asdf

> ASDF INT = Array[4]

> IDL>

>

> chl

Thanks a lot!
