Subject: Re: Return array from a pro Posted by SonicKenking on Mon, 17 Oct 2011 02:28:42 GMT View Forum Message <> Reply to Message

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
                       = Array[4]
> ASDF
               INT
> IDL>
> chl
```

Thanks a lot!