

---

Subject: Re: Discover the name (at calling level) of passed parameter  
Posted by [Kristian Kjaer](#) on Wed, 12 Feb 2003 12:22:35 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

Now what if I have a function instead of a procedure:  
I don't suppose there is any hope with

```
IDL> p2=myfunction(p)
```

to discover, at myfunction's level, the name at the calling level  
(`'p2'`), of the variable where the function's returned value will end up?

I guess I need to convert the syntax to

```
IDL> p2=p & myprocedure,p ; or  
IDL> myprocedure,p2,p
```

Or need I?

- Kristian

David Fanning wrote:

```
> Alright, here it is. But you didn't hear it from me. :-(  
>  
> pro test_par_name, p  
> help,p  
> name = Routine_Names(p, Arg_Name=(-1))  
> print 'Name of passed parameter was ',name,' and its value is',p  
> end  
>  
> You can find more information here:  
>  
> http://www.dfanning.com/tips/access\_main\_vars.html  
>  
> Cheers,  
> David
```

```
> Kristian.Kjaer@Risoe.DK writes:  
>> I sometimes find myself wanting to know the name of a passed parameter:  
>> At the called procedure level I need to know the name that the parameter  
>> had at the calling level.  
>> The code below illustrates what I can_not_ do by simple means.  
>> Are there any dirty tricks I could employ to this end?  
>>  
>> Thanks for any pointers, Kristian  
>>  
>> ; ----- begin IDL code:  
>> pro test_par_name, p =
```

```
>>
>> help,p
>> print , 'The name of the passed parameter was ', '?', ' and its value is
>> ',p
>> end
>>
>> ; ----- begin IDL command history:
>> IDL> q=3D5D
>> IDL> test_par_name,q
>> P          DOUBLE  =3D    5.0000000
>> The name of the passed parameter was ? and its value is    5.0000000
>>
>> ; ----- begin wish list:
>> ; I'd like somehow to be able to get:
>> Q          DOUBLE  =3D    5.0000000
>> The name of the passed parameter was Q and its value is    5.0000000
```

---