
Subject: Re: call_method

Posted by [David Fanning](#) on Thu, 06 Sep 2001 20:27:18 GMT

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Pavel A. Romashkin (pavel.romashkin@noaa.gov) writes:

> How does CALL_METHOD work? It would really be nice to be able to use the
> same routine as procedure or function, just as Call_method does,
> depending on what is happening in it. How did they do it?

I don't understand what you mean. If you are calling
a procedure method:

```
Call_Method, theMethod, theObject
```

If you are calling a function method:

```
result = Call_Method(theMethod, theObject)
```

You can't call a procedure method using the function
syntax, or visa versa.

IDL doesn't have any trouble keeping straight the difference
between procedures and functions with the same name:

```
PRO junk  
Print, 'In procedure junk'  
END
```

```
FUNCTION junk  
Print, 'In function junk'  
END
```

```
IDL> junk  
In procedure junk  
IDL> a=junk()  
In function junk
```

Clearly, you can write your own routines to work exactly
like Call_Method.

Cheers,

David

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