
Subject: Re: passing functions as arguments in IDL?
Posted by [Benno Puetz](#) on Tue, 29 Feb 2000 08:00:00 GMT
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David Fanning wrote:

```
> Rick Baer (baer@hpl.hp.com) writes:
>
>> Is there any way to pass functions as arguments in IDL? I would
>> like to be able to do something like this:
>> ...
>> IDL> print, tf1, f1, 4
>
> You can do this:
>
> function f1, x
>   return, x*x
> end
>
> function tf1, func, arg
>   IF Size(func, /Type) NE 7 THEN BEGIN
>     Print, 'String argument required'
>     RETURN, -1
>   ENDIF
>   retVal = Call_Function(func, arg)
>   return, retVal
> end
>
> IDL> print, tf1('f1', 4)
>
> Cheers,
>
> David
> --
```

Would it also be possible to pass argument lists of variable length,
depending on the function to be called?

I've tried the `_EXTRA` keyword but to no avail ...

```
--
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