
Subject: Re: passing functions as arguments in IDL?
Posted by [davidf](#) on Tue, 01 Feb 2000 08:00:00 GMT
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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:
>
> function f1, x
>   return, x*x
> end
>
>
> pro tf1, func, arg
>   return, func(arg)
> end
>
> 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

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