
Subject: Re: IDL interpreter questions - can someone (D.Fanning) explain - TIA
Posted by [Mark Rivers](#) on Sat, 19 May 2001 05:28:00 GMT

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mankoff@I.HATE.SPAM.lasp.colorado.edu wrote in message ...

> Now its true that I don't know anything about the actual IDL
> implementation (though I have written RPC code for IDL). I actually
> answered based upon the behavior of IDL, not the implementation. That is,
> functions won't modify the callers variables, and neither will procedures,
> unless you add the 'return'.

That's not true. Here's the proof:

```
pro myproc, a
```

```
    a=2
```

```
end
```

```
function myfunc, a
```

```
    a=3
```

```
end
```

```
; Test program
```

```
a = 1
```

```
myproc, a
```

```
help, a
```

```
a = 0
```

```
t = myfunc(a)
```

```
help, a
```

```
end
```

```
.run test
```

```
A      INT    =    2
```

```
A      INT    =    3
```

So the procedure and the function both modified arguments passed to them.

Mark Rivers
