
Subject: Re: reverse problem

Posted by [Paolo Grigis](#) on Fri, 04 Nov 2005 16:25:17 GMT

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R.G. Stockwell wrote:

- > I think I have resolved the issue. I'd guess it is a namespace problem.
- > I had a keyword "reverse" as well as the function "reverse()".
- > This is using the default compiler options (i.e. I am not setting anything).

Another example which shows how bad it is to have round parenthesis syntax allowed for both arrays and functions...

one would guess that probably the keyboard of whomever invented the first version of IDL syntactic rules lacked the keys for [] ;-)

Ciao,
Paolo

P.S.

print,namespacecrash(array,rev=2) is also quite funny

```
>
>
> So if you start of a fresh IDL, and type
> IDL> .run namespacecrash
>
> % Compiled module: NAMESPACECRASH.
>
> % Compiled module: $MAIN$.
>
> 0.000000 1.00000 2.00000 3.00000 4.00000
>
> 1 1 1 1 1
>
>
>
>
> Here is the routine:
>
> function namespacecrash,array,reverse = reverse
>
> if keyword_set(reverse) then begin
>   array = reverse(array)
> endif
>
> return,array
> end
```

```
>
> array = findgen(5)
>
> print,namespacecrash(array)
>
> print,namespacecrash(array,/rev)
> end
>
>
>
> My results are:
> % Compiled module: NAMESPACECRASH.
>
> % Compiled module: $MAIN$.
>
> IDL> .GO
>
> 0.000000 1.00000 2.00000 3.00000 4.00000
>
> 1 1 1 1 1
>
> IDL> help,!version,/st
>
> ** Structure !VERSION, 8 tags, length=76, data length=76:
>
> ARCH STRING 'x86'
>
> OS STRING 'Win32'
>
> OS_FAMILY STRING 'Windows'
>
> OS_NAME STRING 'Microsoft Windows'
>
> RELEASE STRING '6.1.1'
>
> BUILD_DATE STRING 'Oct 11 2004'
>
> MEMORY_BITS INT 32
>
> FILE_OFFSET_BITS
>
> INT 64
>
>
```
