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Subject: Re: Default interactive integer type  
Posted by [Rick Towler](#) on Fri, 09 May 2003 15:59:26 GMT  
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"Kenneth P. Bowman" wrote

...

> In a procedure or function the default integer type can be changed from  
> INT to LONG with  
>  
> COMPILE\_OPT DEFINT32  
>  
> or  
>  
> COMPILE\_OPT IDL2  
>  
> Is there any way to change the default integer type for interactive use  
> or is explicit specification of the type the only solution?  
>  
> IDL> i = 32  
> IDL> help, i  
> I           INT     =     32  
> IDL> i = 32L  
> IDL> help, i  
> I           LONG    =     32  
>

Sure! Just issue the compiler option in your main session:

```
IDL> i=1
IDL> help,i
I       INT     =     1
IDL> compile_opt IDL2
IDL> i=1
IDL> help, i
I       LONG    =     1
```

This will stick until you reset your IDL session.

-Rick

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