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Subject: Re: How to solve this problem?

Posted by [Mark Hadfield](#) on Fri, 11 Apr 2003 03:39:39 GMT

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"tomson" <[tom2959@21cn.com](mailto:tom2959@21cn.com)> wrote in message  
news:[b75cmt\\$1ebn\\$1@mail.cn99.com](mailto:b75cmt$1ebn$1@mail.cn99.com)....  
> for i=0,n\_elements(y)-1 do begin  
> .....  
> endfor  
>  
>  
> ERROR MESSAGE:  
> Loop limit expression too large for loop variable type.  
> <LONG ( 60214)>.  
>  
> But my program cannot do without that loop.

Change it to

for i=0L,n\_elements(y)-1 do ...

or add the following declaration to the beginning of your code

compile\_opt DEFINT32

When you set i to 0 at the beginning of the loop, this makes i a short (16-bit) integer \*unless\* you explicitly specify a long integer (0L) or you tell IDL that you want your default integer type to be long (32-bit). Short integers can't go past 32767

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