
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> wrote in message

news: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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