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Subject: Re: 'loop limit expression too large for loop variable type' error

Posted by [Snow53](#) on Mon, 30 Aug 2010 15:57:58 GMT

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On Aug 30, 9:47 am, Paulo Penteado <pp.pente...@gmail.com> wrote:

> On Aug 30, 12:36 pm, Snow53 <jennifer\_wa...@hotmail.com> wrote:

>

>> My code runs great on small data sets, but I'm trying to use it for

>> larger sets and I've started getting an

>> "loop limit expression too large for loop variable type' error when I

>> reach the "for j=0, num\_ids-1 do begin". Why is this happening and

>> how can I fix it?

>

> It appears that num\_ids is  $2^{16}$  or larger, which would overflow the

> loop variable initialized with the type int. Use instead

>

> for j=0L, num\_ids-1

>

> Or add at the beginning

>

> compile\_opt idl2

>

> or compile\_opt defint32

>

> Assuming it would fit into a long ( $2^{32}$ ).

Thanks for the compile\_opt tips!

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