

---

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

Posted by [penteado](#) on Mon, 30 Aug 2010 15:47:24 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

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).

---