
Subject: Re: 4 byte integers

Posted by [Maarten\[1\]](#) on Mon, 15 Jun 2009 10:10:39 GMT

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

On Jun 13, 1:26 am, Mike Galloy <mgal...@gmail.com> wrote:

> On Jun 12, 5:19 pm, Joshua Von Korff <joshlegan...@hotmail.com> wrote:

>

>> Is there any way I can set a flag to force IDL to consider all
>> integers as having 4 bytes? It's happened many times that I assume a
>> number won't go above 32768, and then months later, it does go above.
>> This produces an error that can be annoying to track down. So I've
>> taken to writing 0L, 1L, 2L, lindgen() at all times, but sometimes I
>> forget. Any thoughts?

>

> Try "comile_opt defint32" (or "compile_opt idl2" which also throws in
> the "strictarr" option which I recommend):

[snip]

> The catch is that it still needs to be done on a routine by routine
> basis (there is no "master switch" to throw for this).

For interactive use, you can put the compile_opt idl2 in your startup script. This will cover the command-line, but not compiled functions as Mike already said. I wish there was a master switch, and for float/double as well.

Maarten
