Subject: Re: Large array indices
Posted by Alex Schuster on Fri, 16 Oct 1998 07:00:00 GMT
View Forum Message <> Reply to Message

U Salford Guest Account wrote:

> Just a quick question...

>

> how do I (*is it possible*) create an array greater than 2^15?

Just do it :) arr = intarr(100000)

> And then how do I index it with a vaule greater than a int type?

You need to use longs instead of integers. The 10000 two lines above is converted to a long, so this works. You just must be sure that you are using longs, something like arr=intarr(2^16) doesn't work:

```
IDL> help, 2^16
<Expression> INT = 0
```

But it you make the 2 a long (by adding the L):

```
IDL> help, 2L^16 
<Expression> LONG = 65536
```

This allows a maximum size of 2^32-1 bytes. If you need more, you have a problem.

Alex

--

Alex Schuster Wonko@weird.cologne.de alex@pet.mpin-koeln.mpg.de

PGP Key available