
Subject: Re: Byte shift in IDL

Posted by [landers](#) on Wed, 29 Jun 1994 15:18:22 GMT

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In article <2urg4sINN9rv@maz4.sma.ch>, oet@sma.ch (Thomas Oettli) writes:

|> I should translate the following C Code fragment to IDL:

|> unsigned long var;

There are no unsigned longs in IDL/WAVE, but no matter.

|> fread(&var, 1, 1, in_fp);

 b = 0B ; declare one byte

 readu, lun, b ; read one byte

|> var >>= 24; /* shift var to lowest byte */
(assuming sizeof(long) == 4)

 var = long(b) ; convert to long

I think this should do what you're after, that is read one byte from a file and put it into the lower bits of a long.

If you want to do bit shifting, use the ISHIFT function.

;Dave
