Subject: Re: counting bits
Posted by David Fanning on Mon, 17 Feb 2003 20:38:24 GMT

Joe Foose (jfoose@ameritech.net) writes:

> In IDL, does anybody have any ideas of how to efficiently count all the bits
> that are set in an array of unsigned long integers? I'm not concerened with
> which bits are set, but just how many. thanks, joe.

Just of the top of my head, wouldn't something like this work:

```
IDL> total = 0.0
IDL> for j=0,31 do total = TOTAL((array AND 2^j) NE 0)
IDL> print, Fix(total)
```

Cheers,

David
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David W. Fanning, Ph.D.
Fanning Software Consulting, Inc.
Phone: 970-221-0438, E-mail: david@dfanning.com
Coyote's Guide to IDL Programming: http://www.dfanning.com/
Toll-Free IDL Book Orders: 1-888-461-0155