Subject: Bug in rebin function

Posted by Evan F. Fishbein on Thu, 28 Mar 1996 08:00:00 GMT

In versions { sparc sunos 3.6.1c} and { x86 linux unix 4.0.1}
the following code gives a surprising answer

```
x=lindgen(1, 1000)*2l^16
x1=rebin(x, 32, 1000)
x1=x1(0,*)
dx = x1-x
plot, dx
```

The answer should be that dx is everywhere 0, but is not. The first number
where dx is not zero is 2l^25, so, obviously rebin is losing the significant
byte of the long field. As an aside,
dx = x-(long(rebin(float(x),32,1000)))(0,*)
is indeed zero everywhere.

Evan