Craig Markwardt wrote:

> The output of TOTAL is always a floating point type.

Unless, of course, one supplies the /DOUBLE keyword to TOTAL()...

I mention this because at least a couple of times (e.g. when doing checksums) I
have wished that TOTAL() also had a /L64 keyword.   For example, according to
MACHAR() on my Solaris machine, one loses precision with TOTAL() when totaling
an integer array that sums to more than 2^{53}, but with a L64 output, one could
sum up to $2^{64}-1$ without losing any precision.

--Wayne Landsman   landsman@mpb.gsfc.nasa.gov