LongMul   Obtain 64-bit product of two 32-bit longs

#include <ToolUtils.h>   **Toolbox Utilities**

void	**LongMul(**_a32_, _b32_, _dest64_ **);**	
long	_a32_ ;	two 32-bit signed longs . . .
long	_b32_ ;	. . .to be multiplied
Int64Bit	__*__ _dest64_ ;	address of structure to receive product

LongMul performs 32-bit signed multiplication, storing the 64-bit signed product into a specified structure.

> _a32_ and . . .
> _b32_ are any two 32-bit longs.

> _dest64_ is the address of an 8-byte Int64Bit structure. Upon return, it will contain the signed 64-bit product of (_a32_ * _b32_).

Returns: none

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Notes: The multiplicand range (i.e., the range of any signed long) is ±2,147,483,647 (i.e., ±2G).

The toolbox provides no corresponding 64-bit division function.

Use **FixMul** to multiply fixed-point values.