BitOr Obtain bitwise OR of two 32-bit longs

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

```
long        BitOr(op1, op2);
long        op1 ;          32-bit values . . .
long        op2 ;          . . . to be ORed
            returns        result of (op1 | op2 )
```

BitOr returns the logical sum (a bitwise OR) of two 32-bit values. The operands are not changed.

op1 and . . .
op2 are 32-bit long operands.

Returns: a long integer; the result of (*op1* | *op2*).

Notes: Bits that are set in either *op1* or *op2* are set to 1 in the result. All other bits of the result are cleared to 0.

This capability is native to the CPU and can be performed much faster using the C | (bitwise OR) operator or the Assembler OR or ORI opcode.

```
long    x, op1, op2;

x = BitOr( op1, op2);                   /* is equivalent to . . . */
x = op1 | op2;      /* . . . and this is MUCH faster */
```