

FracDiv

Divide one 32-bit quantity by another

#include <FixMath.h>

Toolbox Utilities

```

Fract      FracDiv(opA, opB );
Fract      opA ;          dividend
Fract      opB ;          divisor
returns    32-bit quotient (Fract, long, or Fixed)

```

FracDiv returns the quotient of *fracA* / *fracB*.*opA* and...*opB* are two 32-bit values, formatted as any of the data types long, Fixed, or Fract.**Returns:** a 32-bit value, whose format depends on that of the input parameters:

<i>opA</i>		<i>opB</i>	<i>returned</i>
Fract	/	Fract	= Fract
long	/	long	= Fract
Fixed	/	Fixed	= Fract
long	/	Fract	= long
Fixed	/	Fract	= Fixed

Notes: Division by 0 yields 0x7FFFFFFF if *opA* is positive or 0 and 0x80000000 if *opA* is negative. Division overflow yields 0x7FFFFFFF for positive results and 0x80000000 for negative results.