

**FixDiv**

Divide one 32-bit quantity by another

#include &lt;FixMath.h&gt;

**Toolbox Utilities**

```

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

```

**FixDiv** returns the quotient of *opA* / *opB*.*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>
Fixed	/	Fixed	= Fixed
long	/	long	= Fixed
Fract	/	Fract	= Fixed
long	/	Fixed	= long
Fract	/	Fixed	= Fract

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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.