

NAME

lldiv - returns quotient and remainder

LIBRARY

Standard C Library (libc, -lc)

SYNOPSIS

```
#include <stdlib.h>
```

```
lldiv_t
```

```
lldiv(long long numer, long long denom);
```

DESCRIPTION

The **lldiv()** function computes the value of *numer* divided by *denom* and returns the stored result in the form of the *lldiv_t* type.

The *lldiv_t* type is defined as:

```
typedef struct {
    long long quot; /* Quotient. */
    long long rem; /* Remainder. */
} lldiv_t;
```

SEE ALSO

div(3), imaxdiv(3), ldiv(3), math(3)

STANDARDS

The **lldiv()** function conforms to ISO/IEC 9899:1999 ("ISO C99").

HISTORY

The **lldiv()** function first appeared in FreeBSD 5.0.