

NAME

ldiv - return quotient and remainder from division

LIBRARY

Standard C Library (libc, -lc)

SYNOPSIS

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

```
ldiv_t
```

```
ldiv(long num, long denom);
```

DESCRIPTION

The **ldiv**() function computes the value *num/denom* and returns the quotient and remainder in a structure named *ldiv_t* that contains two *long* members named *quot* and *rem*.

SEE ALSO

div(3), imaxdiv(3), lldiv(3), math(3)

STANDARDS

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

HISTORY

An **ldiv**() function with similar functionality, but a different calling convention, first appeared in Version 4 AT&T UNIX.