

explain_strtold_or_die(3)

explain_strtold_or_die(3)

NAME

explain_strtold_or_die – convert string to number and report errors

SYNOPSIS

#include <libexplain/strtold.h>

long double explain_strtold_or_die(const char *nptr, char **endptr);

long double explain_strtold_on_error(const char *nptr, char **endptr)

DESCRIPTION

The **explain_strtold_or_die** function is used to call the *strtold(3)* system call. On failure an explanation will be printed to *stderr*, obtained from the *explain_strtold(3)* function, and then the process terminates by calling *exit(EXIT_FAILURE)*.

The **explain_strtold_on_error** function is used to call the *strtold(3)* system call. On failure an explanation will be printed to *stderr*, obtained from the *explain_strtold(3)* function, but still returns to the caller.

nptr The nptr, exactly as to be passed to the *strtold(3)* system call.

endptr The endptr, exactly as to be passed to the *strtold(3)* system call.

RETURN VALUE

The **explain_strtold_or_die** function only returns on success, see *strtold(3)* for more information. On failure, prints an explanation and exits, it does not return.

The **explain_strtold_on_error** function always returns the value return by the wrapped *strtold(3)* system call.

EXAMPLE

The **explain_strtold_or_die** function is intended to be used in a fashion similar to the following example:

```
long double result = explain_strtold_or_die(nptr, endptr);
```

SEE ALSO*strtold(3)*

convert ASCII string to floating-point number

*explain_strtold(3)*explain *strtold(3)* errors*exit(2)*

terminate the calling process

COPYRIGHT

libexplain version 1.4

Copyright © 2009 Peter Miller

