NAME

explain_realpath_or_die – return canonical pathname and report errors

SYNOPSIS

#include <libexplain/realpath.h>

char *explain_realpath_or_die(const char *pathname, char *resolved_pathname);
char *explain_realpath_on_error(const char *pathname, char *resolved_pathname);

DESCRIPTION

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

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

pathname
> The pathname, exactly as to be passed to the *realpath*(3) system call.

resolved_pathname
> The resolved_pathname, exactly as to be passed to the *realpath*(3) system call.

RETURN VALUE

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

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

EXAMPLE

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

```
char *result = explain_realpath_or_die(pathname, resolved_pathname);
```

SEE ALSO

realpath(3)
> return the canonicalized absolute pathname

explain_realpath(3)
> explain *realpath*(3) errors

exit(2)   terminate the calling process

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