NAME
explain_iconv_open_or_die – prepare for charset conversion and report errors

SYNOPSIS
#include <libexplain/iconv_open.h>

iconv_t explain_iconv_open_or_die(const char *tocode, const char *fromcode);
iconv_t explain_iconv_open_on_error(const char *tocode, const char *fromcode);

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

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

tocode   The tocode, exactly as to be passed to the *iconv_open*(3) system call.

fromcode
            The fromcode, exactly as to be passed to the *iconv_open*(3) system call.

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

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

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

        iconv_t result = explain_iconv_open_or_die(tocode, fromcode);

SEE ALSO
iconv_open(3)
            allocate descriptor for character set conversion

explain_iconv_open(3)
            explain *iconv_open*(3) errors

exit(2)   terminate the calling process

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