

explain_printf_or_die(3)

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NAME

explain_printf_or_die – formatted output conversion and report errors

SYNOPSIS

```
#include <libexplain/printf.h>
```

```
int explain_printf_or_die(const char *format);
```

```
int explain_printf_on_error(const char *format);
```

DESCRIPTION

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

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

format The format, exactly as to be passed to the *printf(3)* system call.

RETURN VALUE

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

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

EXAMPLE

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

```
int result = explain_printf_or_die(format);
```

SEE ALSO

printf(3) formatted output conversion

explain_printf(3)

explain *printf(3)* errors

exit(2) terminate the calling process

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