

explain_gethostname_or_die(3)

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NAME

explain_gethostname_or_die – get/set hostname and report errors

SYNOPSIS

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

void explain_gethostname_or_die(char *data, size_t data_size);
int explain_gethostname_on_error(char *data, size_t data_size);
```

DESCRIPTION

The **explain_gethostname_or_die** function is used to call the *gethostname(2)* system call. On failure an explanation will be printed to *stderr*, obtained from the *explain_gethostname(3)* function, and then the process terminates by calling `exit(EXIT_FAILURE)`.

The **explain_gethostname_on_error** function is used to call the *gethostname(2)* system call. On failure an explanation will be printed to *stderr*, obtained from the *explain_gethostname(3)* function, but still returns to the caller.

data The data, exactly as to be passed to the *gethostname(2)* system call.

data_size The data_size, exactly as to be passed to the *gethostname(2)* system call.

RETURN VALUE

The **explain_gethostname_or_die** function only returns on success, see *gethostname(2)* for more information. On failure, prints an explanation and exits, it does not return.

The **explain_gethostname_on_error** function always returns the value return by the wrapped *gethostname(2)* system call.

EXAMPLE

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

```
explain_gethostname_or_die(data, data_size);
```

SEE ALSO

gethostname(2)
 get/set hostname
explain_gethostname(3)
 explain *gethostname(2)* errors
exit(2) terminate the calling process

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