NAME

explain_execv_or_die – execute a file and report errors

SYNOPSIS

#include <libexplain/execv.h>

void explain_execv_or_die(const char *pathname, char *const*argv);
int explain_execv_on_error(const char *pathname, char *const*argv);

DESCRIPTION

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

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

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

argv   The argv, exactly as to be passed to the *execv*(3) system call.

RETURN VALUE

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

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

EXAMPLE

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

```
explain_execv_or_die(pathname, argv);
```

SEE ALSO

execv(3) execute a file

explain_execv(3)
explain *execv*(3) errors

exit(2)   terminate the calling process

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