

NAME

e_init, e_term -- generate initialization and termination messages for autonomous processes.

SYNOPSIS

```
#include <effct.h>

e_init()

e_term(exitcode)
```

DESCRIPTION

Initialization and Termination messages should be generated with e_init when the program is initialized; and e_term when the program terminates in a controlled manner, whether because of the receipt of a signal or because of a fatal error. e_init requires no arguments. e_term requires an exit status as an argument, which it passes to the exit(2) function. These functions automatically create and remove, respectively, a temporary file with a name based upon the program name (as set by e_setup(3L) or e_setname(3L)). When the file exists when e_init is called, it is presumed that the program died in an uncontrolled manner. Thus a "REINITIALIZED" message, with the standard alarm level, is generated in this case. Note that all the temporary files are automatically removed when the system is rebooted.

Either e_setup(3L) or e_setname(3L) must be used to set the program name before e_init is called. This is needed both to formulate the temporary file name and for inclusion in the messages.

The return value of e_init is zero if a normal initialization is detected and -1 if an abnormal reinitialization is detected. The e_term function never returns.

LIBRARY

/lib/lib1.a