



Linux Ubuntu 26.04 Manual Pages on command 'on_exit.3'

\$ man on_exit.3

on_exit(3) Library Functions Manual on_exit(3)

NAME

on_exit - register a function to be called at normal process termination

LIBRARY

Standard C library (libc, -lc)

SYNOPSIS

```
#include <stdlib.h>
```

```
int on_exit(typeof(void (int, void *)) *function, void *arg);
```

Feature Test Macro Requirements for glibc (see feature_test_macros(7)):

on_exit():

Since glibc 2.19:

```
_DEFAULT_SOURCE
```

glibc 2.19 and earlier:

```
_BSD_SOURCE || _SVID_SOURCE
```

DESCRIPTION

The on_exit() function registers the given function to be called at normal process termination, whether via exit(3) or via return from the program's main(). The function is passed the status argument given to the last call to exit(3) and the arg argument from on_exit(). The same function may be registered multiple times: it is called once for each registration. When a child process is created via fork(2), it inherits copies of its parent's registrations. Upon a successful call to one of the exec(3) functions, all registrations are removed.

RETURN VALUE

ATTRIBUTES

[illegible][illegible][illegible]

None.

SunOS 4, glibc. Removed in Solaris (SunOS 5). Use the standard `atexit(3)` instead.

By the time function is executed, stack (auto) variables may already have gone out of scope.

SEE ALSO

```
__exit(2), atexit(3), exit(3)
```

Linux man-pages 6.17

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