



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

\$ man ulimit.3

ulimit(3) Library Functions Manual ulimit(3)

NAME

ulimit - get and set user limits

LIBRARY

Standard C library (libc, -lc)

SYNOPSIS

```
#include <ulimit.h>
```

```
[[deprecated]] long ulimit(int cmd, long newlimit);
```

DESCRIPTION

Warning: this routine is obsolete. Use `getrlimit(2)`, `setrlimit(2)`, and `sysconf(3)` instead.

For the shell command `ulimit`, see `bash(1)`.

The `ulimit()` call will get or set some limit for the calling process. The `cmd` argument can have one of the following values.

UL_GETFSIZE

Return the limit on the size of a file, in units of 512 bytes.

UL_SETFSIZE

Set the limit on the size of a file.

3 (Not implemented for Linux.) Return the maximum possible address of the data segment.

4 (Implemented but no symbolic constant provided.) Return the maximum number of files that the calling process can open.

RETURN VALUE

On success, `ulimit()` returns a nonnegative value. On error, -1 is returned, and `errno` is

