



## ***Rocky Enterprise Linux 9.2 Manual Pages on command 'getc\_unlocked.3'***

**C:\>man getc\_unlocked.3**

UNLOCKED\_STDIO(3)

Linux Programmer's Manual

UNLOCKED\_STDIO(3)

### NAME

getc\_unlocked, getchar\_unlocked, putchar\_unlocked, putchar\_unlocked - nonlocking stdio functions

### SYNOPSIS

```
#include <stdio.h>

int getc_unlocked(FILE *stream);

int getchar_unlocked(void);

int putchar_unlocked(int c, FILE *stream);

int putchar_unlocked(int c);

void clearerr_unlocked(FILE *stream);

int feof_unlocked(FILE *stream);

int ferror_unlocked(FILE *stream);

int fileno_unlocked(FILE *stream);

int fflush_unlocked(FILE *stream);

int fgetc_unlocked(FILE *stream);

int fputc_unlocked(int c, FILE *stream);

size_t fread_unlocked(void *ptr, size_t size, size_t n,
                      FILE *stream);

size_t fwrite_unlocked(const void *ptr, size_t size, size_t n,
                      FILE *stream);

char *fgets_unlocked(char *s, int n, FILE *stream);
```

```

int fputs_unlocked(const char *s, FILE *stream);

#include <wchar.h>

wint_t getwc_unlocked(FILE *stream);

wint_t getwchar_unlocked(void);

wint_t fgetwc_unlocked(FILE *stream);

wint_t fputwc_unlocked(wchar_t wc, FILE *stream);

wint_t putwc_unlocked(wchar_t wc, FILE *stream);

wint_t putwchar_unlocked(wchar_t wc);

wchar_t *fgetws_unlocked(wchar_t *ws, int n, FILE *stream);

int fputws_unlocked(const wchar_t *ws, FILE *stream);

```

Feature Test Macro Requirements for glibc (see feature\_test\_macros(7)):

```

getc_unlocked(), getchar_unlocked(), putc_unlocked(), putchar_unlocked():

/* Since glibc 2.24: */ _POSIX_C_SOURCE >= 199309L

|| /* Glibc versions <= 2.23: */ _POSIX_C_SOURCE

|| /* Glibc versions <= 2.19: */ _SVID_SOURCE || _BSD_SOURCE

clearerr_unlocked(), feof_unlocked(), ferror_unlocked(), fileno_unlocked(),

fflush_unlocked(), fgetc_unlocked(), fputc_unlocked(), fread_unlocked(), fwrite_un?

locked():

/* Glibc since 2.19: */ _DEFAULT_SOURCE

|| /* Glibc versions <= 2.19: */ _SVID_SOURCE || _BSD_SOURCE

fgets_unlocked(), fputs_unlocked(), getwc_unlocked(), getwchar_unlocked(),

fgetwc_unlocked(), fputwc_unlocked(), putwchar_unlocked(), fgetws_unlocked(),

fputws_unlocked():

_GNU_SOURCE

```

## DESCRIPTION

Each of these functions has the same behavior as its counterpart without the "\_un? locked" suffix, except that they do not use locking (they do not set locks themselves, and do not test for the presence of locks set by others) and hence are thread-unsafe. See flockfile(3).

## ATTRIBUTES

For an explanation of the terms used in this section, see attributes(7).

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?Interface      ? Attribute    ? Value            ?



## SEE ALSO

flockfile(3), stdio(3)

## COLOPHON

This page is part of release 5.05 of the Linux man-pages project. A description of the project, information about reporting bugs, and the latest version of this page, can be found at <https://www.kernel.org/doc/man-pages/>.

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