



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

\$ man fread_unlocked.3

unlocked_stdio(3) Library Functions Manual unlocked_stdio(3)

NAME

getc_unlocked, getchar_unlocked, putc_unlocked, putchar_unlocked - nonlocking stdio func?
tions

LIBRARY

Standard C library (libc, -lc)

SYNOPSIS

```
#include <stdio.h>

int getc_unlocked(FILE *stream);
int getchar_unlocked(void);
int putc_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 *_Nullable stream);
int fgetc_unlocked(FILE *stream);
int fputc_unlocked(int c, FILE *stream);
size_t fread_unlocked(size_t size, size_t n;
    void ptr[restrict size * n],
    size_t size, size_t n,
    FILE *restrict stream);
```

```

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

char *fgets_unlocked(int n;
                     char s[restrict n], int n, FILE *restrict stream);

int fputs_unlocked(const char *restrict s, FILE *restrict 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(int n;
                          wchar_t ws[restrict n], int n,
                          FILE *restrict stream);
int fputws_unlocked(const wchar_t *restrict ws,
                    FILE *restrict stream);

```

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

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

```

/* glibc >= 2.24: */ _POSIX_C_SOURCE >= 199309L
|| /* glibc <= 2.23: */ _POSIX_C_SOURCE
|| /* glibc <= 2.19: */ _SVID_SOURCE || _BSD_SOURCE

```

`clearerr_unlocked()`, `feof_unlocked()`, `ferror_unlocked()`, `fileno_unlocked()`,
`fflush_unlocked()`, `fgetc_unlocked()`, `fputc_unlocked()`, `fread_unlocked()`, `fwrite_unlocked()`:

```

/* glibc >= 2.19: */ _DEFAULT_SOURCE
|| /* glibc <= 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

```

ATTRIBUTES

[illegible][illegible]

? putc_unlocked(), ? ?

? clearerr_unlocked(), ? ?

? fflush_unlocked(), ? ?

? fgets_unlocked(), ? ?

? fputc_unlocked(), ? ?

? fread unlocked(), ? ?

? fwrite_unlocked(), ? ?

? fgets_unlocked(), ? ?

? fputs_unlocked(), ? ?

? getwc_unlocked(), ? ?

? fgetc unlocked(), ? ? ?

? fputc_unlocked(), ? ?

? putwc_unlocked(), ? ?

? fgetws_unlocked(), ? ?

? fputws_unlocked()	?	?	?
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[illegible]

? getchar_unlocked(), ? Thread safety ? MT-Unsafe race:stdin ?

? getchar_unlocked() ? ?

[illegible]

? putchar_unlocked(), ? Thread safety ? MT-Unsafe race:stdout ?

? putchar_unlocked() ? ?

[illegible]

? feof_unlocked(), ? Thread safety ? MT-Safe ?

? ferror_unlocked(), ? ?

? fileno_unlocked() ? ?

??

STANDARDS

getc_unlocked()

getchar_unlocked()

putc_unlocked()

putchar_unlocked()

POSIX.1-2008.

Others:

None.

HISTORY

getc_unlocked()

getchar_unlocked()

putc_unlocked()

putchar_unlocked()

POSIX.1-2001.

SEE ALSO

flockfile(3), stdio(3)

Linux man-pages 6.17

2026-02-08

unlocked_stdio(3)