

**NAME**

**scanf\_l, fscanf\_l, sscanf\_l, vfscanf\_l, vscanf\_l, vsscanf\_l** - input format conversion

**LIBRARY**

Standard C Library (libc, -lc)

**SYNOPSIS**

**#include <stdio.h>**

**#include <xlocale.h>**

*int*

**scanf\_l**(*locale\_t loc, const char \* restrict format, ...*);

*int*

**fscanf\_l**(*FILE \* restrict stream, locale\_t loc, const char \* restrict format, ...*);

*int*

**sscanf\_l**(*const char \* restrict str, locale\_t loc, const char \* restrict format, ...*);

*int*

**vfscanf\_l**(*FILE \* restrict stream, locale\_t loc, const char \* restrict format, va\_list ap*);

*int*

**vscanf\_l**(*locale\_t loc, const char \* restrict format, va\_list ap*);

*int*

**vsscanf\_l**(*const char \* restrict str, locale\_t loc, const char \* restrict format, va\_list ap*);

**DESCRIPTION**

The above functions scan input according to a specified *format* in the locale *loc*. They behave in the same way as the versions without the *\_l* suffix, but use the specific locale rather than the global or per-thread locale. See the specific manual pages for more information.

**SEE ALSO**

scanf(3), xlocale(3)

**STANDARDS**

These functions do not conform to any specific standard so they should be considered as non-portable local extensions.

**HISTORY**

These functions first appeared in Darwin and were first implemented in FreeBSD 9.1.