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Red Hat Enterprise Linux Release 9.2 Manual Pages on 'vfscanf.3p' command

\$ man vfscanf.3p

VFSCANF(3P) POSIX Programmer's Manual VFSCANF(3P)

PROLOG

This manual page is part of the POSIX Programmer's Manual. The Linux implementation of this interface may differ (consult the corresponding Linux manual page for details of Linux behavior), or the interface may not be implemented on Linux.

NAME

vfscanf, vscanf, vsscanf ? format input of a stdarg argument list

SYNOPSIS

```
#include <stdarg.h>

#include <stdio.h>

int vfscanf(FILE *restrict stream, const char *restrict format,
            va_list arg);

int vscanf(const char *restrict format, va_list arg);

int vsscanf(const char *restrict s, const char *restrict format,
            va_list arg);
```

DESCRIPTION

The functionality described on this reference page is aligned with the ISO C standard. Any conflict between the requirements described here and the ISO C standard is unintentional. This volume of POSIX.1?2017 defers to the ISO C standard.

The vscanf(), vfscanf(), and vsscanf() functions shall be equivalent to the scanf(), fscanf(), and sscanf() functions, respectively, except

that instead of being called with a variable number of arguments, they are called with an argument list as defined in the `<stdarg.h>` header. These functions shall not invoke the `va_end` macro. As these functions invoke the `va_arg` macro, the value of `ap` after the return is unspecified.

RETURN VALUE

Refer to `fscanf()`.

ERRORS

Refer to `fscanf()`.

The following sections are informative.

EXAMPLES

None.

APPLICATION USAGE

Applications using these functions should call `va_end(ap)` afterwards to clean up.

RATIONALE

None.

FUTURE DIRECTIONS

None.

SEE ALSO

Section 2.5, Standard I/O Streams, `fscanf()`

The Base Definitions volume of POSIX.1-2017, `<stdarg.h>`, `<stdio.h>`

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