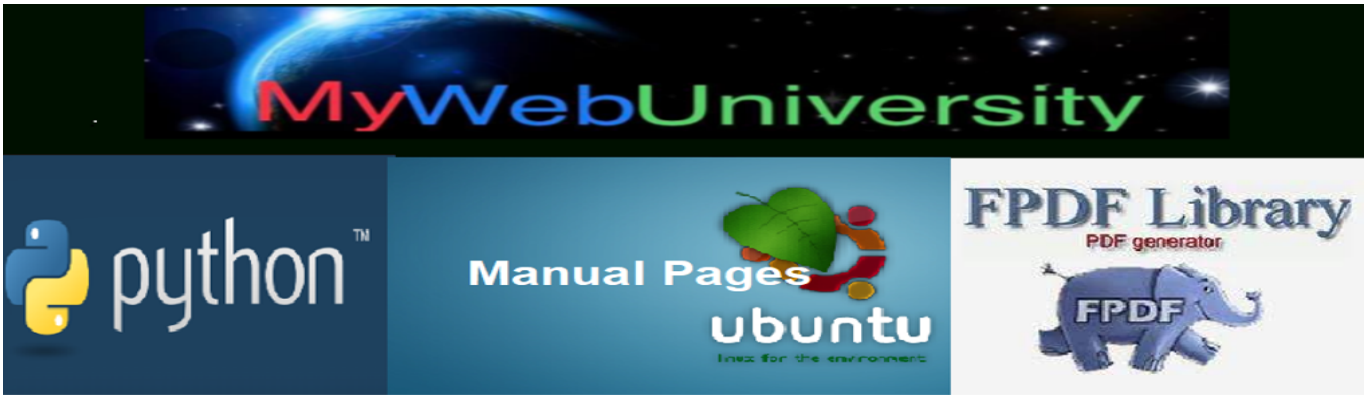

Rocky Enterprise Linux 9.2 Manual Pages on command 'qfcvt_r.3'

$ man qfcvt_r.3

ECVT_R(3) Linux Programmer's Manual ECVT_R(3)

NAME

ecvt_r, fcvt_r, qecvt_r, qfcvt_r - convert a floating-point number to a string

SYNOPSIS

```
#include <stdlib.h>

int ecvt_r(double number, int ndigits, int *decpt,
        int *sign, char *buf, size_t len);

int fcvt_r(double number, int ndigits, int *decpt,
        int *sign, char *buf, size_t len);

int qecvt_r(long double number, int ndigits, int *decpt,
        int *sign, char *buf, size_t len);

int qfcvt_r(long double number, int ndigits, int *decpt,
        int *sign, char *buf, size_t len);
```

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

ecvt_r(), fcvt_r(), qecvt_r(), qfcvt_r():

```
    /* Glibc since 2.19: */ _DEFAULT_SOURCE
        || /* Glibc versions <= 2.19: */ _SVID_SOURCE || _BSD_SOURCE
```

DESCRIPTION

The functions ecvt_r(), fcvt_r(), qecvt_r(), and qfcvt_r() are identical to ecvt(3), fcvt(3), qecvt(3), and qfcvt(3), respectively, except that they do not return their result in a static buffer, but instead use the supplied buf of size len. See ecvt(3) and qecvt(3).

RETURN VALUE

These functions return 0 on success, and -1 otherwise.

ATTRIBUTES

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

Interface	Attribute	Value
ecvt_r(), fcvt_r(), qecvt_r(), qfcvt_r()	Thread safety	MT-Safe

CONFORMING TO

These functions are GNU extensions.

NOTES

These functions are obsolete. Instead, sprintf(3) is recommended.

SEE ALSO

ecvt(3), qecvt(3), sprintf(3)

COLOPHON

This page is part of release 5.10 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/.