

NAME

qecvt, qfcvt, qgcvt - convert a floating-point number to a string

SYNOPSIS

```
#include <stdlib.h>
```

```
char *qecvt(long double number, int ndigits, int *decpt, int *sign);
```

```
char *qfcvt(long double number, int ndigits, int *decpt, int *sign);
```

```
char *qgcvt(long double number, int ndigit, char *buf);
```

Feature Test Macro Requirements for glibc (see [feature_test_macros\(7\)](#)):

```
qecvt(), qfcvt(), qgcvt(): _SVID_SOURCE
```

DESCRIPTION

The functions **qecvt()**, **qfcvt()**, and **qgcvt()** are identical to [ecvt\(3\)](#), [fcvt\(3\)](#), and [gcvt\(3\)](#) respectively, except that they use a *long double* argument *number*. See [ecvt\(3\)](#) and [gcvt\(3\)](#).

ATTRIBUTES

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

Interface	Attribute	Value
qecvt()	Thread safety	MT-Unsafe race:qecvt
qfcvt()	Thread safety	MT-Unsafe race:qfcvt
qgcvt()	Thread safety	MT-Safe

CONFORMING TO

SVr4. Not seen in most common UNIX implementations, but occurs in SunOS. Supported by glibc.

NOTES

These functions are obsolete. Instead, [snprintf\(3\)](#) is recommended.

SEE ALSO

[ecvt\(3\)](#), [ecvt_r\(3\)](#), [gcvt\(3\)](#), [sprintf\(3\)](#)

COLOPHON

This page is part of release 4.10 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/>.