

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 5.02 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/>.