

NAME

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

LIBRARY

Standard C library (*libc*, *-lc*)

SYNOPSIS

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

```
[[deprecated]] char *qecvt(long double number, int ndigits,
                           int *restrict decpt, int *restrict sign);
```

```
[[deprecated]] char *qfcvt(long double number, int ndigits,
                           int *restrict decpt, int *restrict sign);
```

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

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

qecvt(), **qfcvt()**, **qgcvt()**:

Since glibc 2.19:

 _DEFAULT_SOURCE

In glibc up to and including 2.19:

 _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

STANDARDS

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)**