

**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
<b>qecvt()</b>	Thread safety	MT-Unsafe race:qecvt
<b>qfcvt()</b>	Thread safety	MT-Unsafe race:qfcvt
<b>qgcvt()</b>	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)**