

**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
<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

**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/>.