



Linux Ubuntu 26.04 Manual Pages on command 'gcvrt.3'

\$ man gcvrt.3

gcvrt(3) Library Functions Manual gcvrt(3)

NAME

gcvrt - convert a floating-point number to a string

LIBRARY

Standard C library (libc, -lc)

SYNOPSIS

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

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

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

gcvrt():

Since glibc 2.17

```
(_XOPEN_SOURCE >= 500 && !(_POSIX_C_SOURCE >= 200809L))
```

```
|| /* glibc >= 2.20 */ _DEFAULT_SOURCE
```

```
|| /* glibc <= 2.19 */ _SVID_SOURCE
```

glibc 2.12 to glibc 2.16:

```
(_XOPEN_SOURCE >= 500 && !(_POSIX_C_SOURCE >= 200112L))
```

```
|| _SVID_SOURCE
```

Before glibc 2.12:

```
_SVID_SOURCE || _XOPEN_SOURCE >= 500
```

DESCRIPTION

The gcvrt() function converts number to a minimal length null-terminated ASCII string and

stores the result in buf. It produces ndigit significant digits in either printf(3) F for?

mat or E format.

RETURN VALUE

The `gcvt()` function returns `buf`.

ATTRIBUTES

For an explanation of the terms used in this section, see `attributes(7)`.

[illegible]

? Interface	? Attribute	? Value	?
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[illegible]

? gcvv() ? Thread safety ? MT-Safe ?

[illegible]

STANDARDS

None.

HISTORY

Marked as LEGACY in POSIX.1-2001. POSIX.1-2008 removed it, recommending the use of `sprintf(3)` instead (though `snprintf(3)` may be preferable).

SEE ALSO

ecvt(3), fcvt(3), sprintf(3)

Linux man-pages 6.17

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