



Rocky Enterprise Linux 9.2 Manual Pages on command 'gcvt.3'

C:\>man gcvt.3

GCVT(3) Linux Programmer's Manual GCVT(3)

NAME

gcvt - convert a floating-point number to a string

SYNOPSIS

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

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

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

gcvt():

Since glibc 2.12:

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

```
|| /* Glibc since 2.19: */ _DEFAULT_SOURCE
```

```
|| /* Glibc versions <= 2.19: */ _SVID_SOURCE
```

Before glibc 2.12:

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

DESCRIPTION

The `gcvt()` 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 format or E format.

RETURN VALUE

The `gcvt()` function returns the address of the string pointed to by `buf`.

ATTRIBUTES

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

????????????????????????????????????????????????????????????

?Interface ? Attribute ? Value ?

????????????????????????????????????????????????????????????

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

????????????????????????????????????????????????????????????

CONFORMING TO

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

SEE ALSO

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

COLOPHON

This page is part of release 5.05 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/>.

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