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### ***Rocky Enterprise Linux 9.2 Manual Pages on command 'gcv.3'***

**\$ man gcv.3**

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

NAME

gcv.3 - convert a floating-point number to a string

SYNOPSIS

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

```
char *gcv.3(double number, int ndigit, char *buf);
```

Feature Test Macro Requirements for glibc (see feature\_test\_macros(7)):

gcv.3():

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 gcv.3() function converts number to a minimal length null-terminated

ASCII string and stores the result in buf. It produces ndigit signifi?

cant digits in either printf(3) F format or E format.

## RETURN VALUE

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

## ATTRIBUTES

For an explanation of the terms used in this section, see [attributes\(7\)](#).

??

?Interface ? Attribute ? Value ?

??

?`gcvt()` ? Thread safety ? MT-Safe ?

??

## CONFORMING TO

Marked as LEGACY in POSIX.1-2001. POSIX.1-2008 removes the specification of `gcvt()`, 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 5.10 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/>.

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