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***Rocky Enterprise Linux 9.2 Manual Pages on command 'gcv.t.3'***

**\$ man gcv.t.3**

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

**NAME**

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

**SYNOPSIS**

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

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

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

gcv.t():

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.t() 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 gcv.t() function returns buf.

**ATTRIBUTES**

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

??

?Interface ? Attribute ? Value ?

??

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

??

CONFORMING TO

Marked as LEGACY in POSIX.1-2001. POSIX.1-2008 removes the specification of gcvrt(), 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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