



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

\$ man trunc.3

trunc(3) Library Functions Manual trunc(3)

NAME _____

trunc, truncf, trunc_l - round to integer, toward zero

LIBRARY

Math library (libm, -lm)

SYNOPSIS

```
#include <math.h>
```

```
double trunc(double x);
```

```
float truncf(float x);
```

```
long double trunc1(long double x);
```

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

trunc(), truncf(), trunc():

ISOC99_SOURCE || _POSIX_C_SOURCE >= 200112L

DESCRIPTION

These functions round x to the nearest integer value that is not larger in magnitude than x .

RETURN VALUE

These functions return the rounded integer value, in floating format.

If `x` is integral, infinite, or NaN, `x` itself is returned.

ERRORS

No errors occur.

ATTRIBUTES

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

[illegible]

[illegible]