



sprintf(3)

Library Functions Manual

sprintf(3)

sprintf, vsprintf - string print formatted

Standard C library (libc, -lc)

```
#include <stdio.h>

int sprintf(char *restrict str,
            const char *restrict format, ...);

int vsprintf(char *restrict str,
             const char *restrict format, va_list ap);
```

```
snprintf(), vsnprintf():
    _XOPEN_SOURCE >= 500 || _ISOC99_SOURCE
    || /* glibc <= 2.19: */ _BSD_SOURCE
```

These functions are equivalent to `snprintf(3)` and `vsprintf(3)`, except that no check for buffer overrun is performed (see **BUGS** below).

[illegible]

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[illegible]

? sprintf(), vsprintf()

? Thread safety ? MT-Safe locale ?

[illegible]

STANDARDS

C11, POSIX.1-2008.

HISTORY

C89, POSIX.1-2001.

BUGS

See `printf(3)`.

sprintf(), vsprintf()

Because `sprintf()` and `vsprintf()` assume an arbitrarily long string, callers must be careful not to overflow the actual space; this is often impossible to assure. Note that the length of the strings produced is locale-dependent and difficult to predict. Use `snprintf()` and `vsnprintf()` instead (or `asprintf(3)` and `vasprintf(3)`).

SEE ALSO

asprintf(3), snprintf(3)

Linux man-pages 6.17

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