NAME

strdup, **strndup** - save a copy of a string

LIBRARY

Standard C Library (libc, -lc)

SYNOPSIS

#include <string.h>

*char ***
strdup(*const char *str*);

*char ***
strndup(*const char *str*, *size_t len*);

DESCRIPTION

The **strdup**() function allocates sufficient memory for a copy of the string *str*, does the copy, and returns a pointer to it. The memory is allocated with malloc(3) and should be released with free(3) when no longer needed.

The **strndup**() function copies at most *len* characters from the string *str* always NUL terminating the copied string.

RETURN VALUES

If insufficient memory is available, NULL is returned and *errno* is set to ENOMEM. Otherwise, the **strdup**() family of functions return a pointer to the copied string.

SEE ALSO

free(3), malloc(3), wcsdup(3)

STANDARDS

The **strdup**() function is specified by IEEE Std 1003.1-2001 ("POSIX.1"). The **strndup**() function is specified by IEEE Std 1003.1-2008 ("POSIX.1").

HISTORY

The **strdup**() function first appeared in 4.3BSD-Reno. The **strndup**() function was added in FreeBSD 7.2.