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Rocky Enterprise Linux 9.2 Manual Pages on command 'strsep.3'

\$ man strsep.3

STRSEP(3)

Linux Programmer's Manual

STRSEP(3)

NAME

strsep - extract token from string

SYNOPSIS

```
#include <string.h>

char *strsep(char **stringp, const char *delim);
```

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

`strsep()`:

Since glibc 2.19:

`_DEFAULT_SOURCE`

Glibc 2.19 and earlier:

`_BSD_SOURCE`

DESCRIPTION

If `*stringp` is `NULL`, the `strsep()` function returns `NULL` and does nothing else. Otherwise, this function finds the first token in the string `*stringp`, that is delimited by one of the bytes in the string `delim`. This token is terminated by overwriting the delimiter with a null byte (`'\0'`), and `*stringp` is updated to point past the token. In case no delimiter was found, the token is taken to be the entire string `*stringp`, and `*stringp` is made `NULL`.

RETURN VALUE

The `strsep()` function returns a pointer to the token, that is, it returns the original value of `*stringp`.

ATTRIBUTES

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

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?Interface ? Attribute ? Value ?

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

??

CONFORMING TO

4.4BSD.

NOTES

The strsep() function was introduced as a replacement for strtok(3), since the latter can not handle empty fields. However, strtok(3) conforms to C89/C99 and hence is more portable.

BUGS

Be cautious when using this function. If you do use it, note that:

- * This function modifies its first argument.
- * This function cannot be used on constant strings.
- * The identity of the delimiting character is lost.

SEE ALSO

index(3), memchr(3), rindex(3), strchr(3), string(3), strpbrk(3), strspn(3), strstr(3), strtok(3)

COLOPHON

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