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Red Hat Enterprise Linux Release 9.2 Manual Pages on 'strsep.3' command

\$ 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 at?

tributes(7).

??

?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 cannot 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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