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## **Red Hat Enterprise Linux Release 9.2 Manual Pages on 'strchr.3p' command**

**\$ man strchr.3p**

STRCHR(3P)            POSIX Programmer's Manual            STRCHR(3P)

### PROLOG

This manual page is part of the POSIX Programmer's Manual. The Linux implementation of this interface may differ (consult the corresponding Linux manual page for details of Linux behavior), or the interface may not be implemented on Linux.

### NAME

strchr ? string scanning operation

### SYNOPSIS

```
#include <string.h>

char *strchr(const char *s, int c);
```

### DESCRIPTION

The functionality described on this reference page is aligned with the ISO C standard. Any conflict between the requirements described here and the ISO C standard is unintentional. This volume of POSIX.1?2017 defers to the ISO C standard.

The strchr() function shall locate the last occurrence of c (converted to a char) in the string pointed to by s. The terminating NUL character is considered to be part of the string.

### RETURN VALUE

Upon successful completion, strchr() shall return a pointer to the byte or a null pointer if c does not occur in the string.

### ERRORS

No errors are defined.

The following sections are informative.

## EXAMPLES

### Finding the Base Name of a File

The following example uses `strrchr()` to get a pointer to the base name of a file. The `strrchr()` function searches backwards through the name of the file to find the last `'/'` character in name. This pointer (plus one) will point to the base name of the file.

```
#include <string.h>

...

const char *name;

char *basename;

...

basename = strrchr(name, '/') + 1;

...
```

## APPLICATION USAGE

None.

## RATIONALE

None.

## FUTURE DIRECTIONS

None.

## SEE ALSO

`strchr()`

The Base Definitions volume of POSIX.1-2017, `<string.h>`

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