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

\$ man memccpy.3p

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

memccpy ? copy bytes in memory

SYNOPSIS

```
#include <string.h>

void *memccpy(void *restrict s1, const void *restrict s2,
              int c, size_t n);
```

DESCRIPTION

The memccpy() function shall copy bytes from memory area s2 into s1, stopping after the first occurrence of byte c (converted to an unsigned char) is copied, or after n bytes are copied, whichever comes first. If copying takes place between objects that overlap, the behavior is undefined.

RETURN VALUE

The memccpy() function shall return a pointer to the byte after the copy of c in s1, or a null pointer if c was not found in the first n bytes of s2.

ERRORS

No errors are defined.

The following sections are informative.

EXAMPLES

None.

APPLICATION USAGE

The `memcpy()` function does not check for the overflow of the receiving memory area.

RATIONALE

None.

FUTURE DIRECTIONS

None.

SEE ALSO

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

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