



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

\$ man catgets.3p

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

catgets ? read a program message

SYNOPSIS

```
#include <nl_types.h>

char *catgets(nl_catd catd, int set_id, int msg_id, const char *s);
```

DESCRIPTION

The `catgets()` function shall attempt to read message `msg_id`, in set `set_id`, from the message catalog identified by `catd`. The `catd` argument is a message catalog descriptor returned from an earlier call to `catopen()`. The results are undefined if `catd` is not a value returned by `catopen()` for a message catalog still open in the process. The `s` argument points to a default message string which shall be returned by `catgets()` if it cannot retrieve the identified message.

The `catgets()` function need not be thread-safe.

RETURN VALUE

If the identified message is retrieved successfully, `catgets()` shall return a pointer to an internal buffer area containing the null-termin?

nated message string. If the call is unsuccessful for any reason, s shall be returned and errno shall be set to indicate the error.

ERRORS

The catgets() function shall fail if:

EINTR The read operation was terminated due to the receipt of a signal, and no data was transferred.

ENOMSG The message identified by set_id and msg_id is not in the message catalog.

The catgets() function may fail if:

EBADF The catd argument is not a valid message catalog descriptor open for reading.

EBADMSG

The message identified by set_id and msg_id in the specified message catalog did not satisfy implementation-defined security criteria.

EINVAL The message catalog identified by catd is corrupted.

The following sections are informative.

EXAMPLES

None.

APPLICATION USAGE

None.

RATIONALE

None.

FUTURE DIRECTIONS

None.

SEE ALSO

catclose(), catopen()

The Base Definitions volume of POSIX.1?2017, <nl_types.h>

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