Rocky Enterprise Linux 9.2 Manual Pages on command 'keyutils.7'

$ man keyutils.7

KEYUTILS(7)   Kernel key management   KEYUTILS(7)

NAME

    keyutils - in-kernel key management utilities

DESCRIPTION

    The keyutils package is a library and a set of utilities for accessing

    the kernel keyrings facility.

    A header file is supplied to provide the definitions and declarations

    required to access the library:

        #include <keyutils.h>

    To link with the library, the following:

        -lkeyutils

    should be specified to the linker.

    Three system calls are provided:

    add_key(2)

        Supply a new key to the kernel.

    request_key(2)

        Find an existing key for use, or, optionally, create one if one

        does not exist.

keyctl(2)

      Control a key in various ways. The library provides a variety

      of wrappers around this system call and those should be used

      rather than calling it directly.

See the add_key(2), request_key(2), and keyctl(2) manual pages for more

information.

The keyctl() wrappers are listed on the keyctl(3) manual page.

UTILITIES

      A program is provided to interact with the kernel facility by a number

      of subcommands, e.g.:

          keyctl add user foo bar @s

      See the keyctl(1) manual page for information on that.

      The kernel has the ability to upcall to userspace to fabricate new

      keys.   This can be triggered by request_key(), but userspace is better

      off using add_key() instead if it possibly can.

      The upcalling mechanism is usually routed via the request-key(8) pro?

      gram. What this does with any particular key is configurable in:

          /etc/request-key.conf

          /etc/request-key.d/

      See the request-key.conf(5) and the request-key(8) manual pages for

      more information.

SEE ALSO

      keyctl(1), keyctl(3), keyrings(7), persistent-keyring(7),

      process-keyring(7), session-keyring(7), thread-keyring(7),

      user-keyring(7), user-session-keyring(7), pam_keyinit(8)

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