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Rocky Enterprise Linux 9.2 Manual Pages on command 'openssl-passphrase-options.1ssl'

\$ man openssl-passphrase-options.1ssl

OPENSSL-PASSPHRASE-OPTIONS(1SSL) OpenSSL OPENSSL-PASSPHRASE-OPTIONS(1SSL)

NAME

openssl-passphrase-options - Pass phrase options

SYNOPSIS

openssl command [options ...] [parameters ...]

DESCRIPTION

Several OpenSSL commands accept password arguments, typically using `-passin` and `-passout` for input and output passwords respectively. These allow the password to be obtained from a variety of sources. Both of these options take a single argument whose format is described below. If no password argument is given and a password is required then the user is prompted to enter one: this will typically be read from the current terminal with echoing turned off.

Note that character encoding may be relevant, please see `passphrase-encoding(7)`.

OPTIONS

Pass Phrase Option Arguments

Pass phrase arguments can be formatted as follows.

`pass:password`

The actual password is `password`. Since the password is visible to utilities (like `'ps'` under Unix) this form should only be used where security is not important.

`env:var`

Obtain the password from the environment variable `var`. Since the environment of other processes is visible on certain platforms (e.g. `ps` under certain Unix OSes) this option should be used with caution.

file:pathname

The first line of pathname is the password. If the same pathname argument is supplied to -passin and -passout arguments then the first line will be used for the input password and the next line for the output password. pathname need not refer to a regular file: it could for example refer to a device or named pipe.

fd:number

Read the password from the file descriptor number. This can be used to send the data via a pipe for example.

stdin

Read the password from standard input.

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