



Rocky Enterprise Linux 9.2 Manual Pages on command 'engine.1ssl'

C:\>man engine.1ssl

ENGINE(1SSL) OpenSSL ENGINE(1SSL)

NAME

openssl-engine, engine - load and query engines

SYNOPSIS

openssl engine [engine...] [-v] [-vv] [-vvv] [-vvv] [-c] [-t] [-tt] [-pre
command] [-post command] [engine...]

DESCRIPTION

The engine command is used to query the status and capabilities of the specified engine's. Engines may be specified before and after all other command-line flags. Only those specified are queried.

OPTIONS

-v -vv -vvv -vvvv

Provides information about each specified engine. The first flag lists all the possible run-time control commands; the second adds a description of each command; the third adds the input flags, and the final option adds the internal input flags.

-c Lists the capabilities of each engine.

-t Tests if each specified engine is available, and displays the answer.

-tt Displays an error trace for any unavailable engine.

-pre command

-post command

Command-line configuration of engines. The -pre command is given to the engine

before it is loaded and the -post command is given after the engine is loaded.

The command is of the form cmd:val where cmd is the command, and val is the value for the command. See the example below.

EXAMPLES

To list all the commands available to a dynamic engine:

```
$ openssl engine -t -tt -vvvv dynamic
```

(dynamic) Dynamic engine loading support

[unavailable]

SO_PATH: Specifies the path to the new ENGINE shared library

(input flags): STRING

NO_VCHECK: Specifies to continue even if version checking fails (boolean)

(input flags): NUMERIC

ID: Specifies an ENGINE id name for loading

(input flags): STRING

LIST_ADD: Whether to add a loaded ENGINE to the internal list (0=no,1=yes,2=mandatory)

(input flags): NUMERIC

DIR_LOAD: Specifies whether to load from 'DIR_ADD' directories (0=no,1=yes,2=mandatory)

(input flags): NUMERIC

DIR_ADD: Adds a directory from which ENGINES can be loaded

(input flags): STRING

LOAD: Load up the ENGINE specified by other settings

(input flags): NO_INPUT

To list the capabilities of the rsax engine:

```
$ openssl engine -c
```

(rsax) RSAX engine support

[RSA]

(dynamic) Dynamic engine loading support

ENVIRONMENT

OPENSSL_ENGINES

The path to the engines directory.

SEE ALSO

config(5)

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