



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

C:\>man openssl-prime.1ssl

PRIME(1SSL) OpenSSL PRIME(1SSL)

NAME

openssl-prime, prime - compute prime numbers

SYNOPSIS

openssl prime [-help] [-hex] [-generate] [-bits] [-safe] [-checks] [number...]

DESCRIPTION

The prime command checks if the specified numbers are prime.

If no numbers are given on the command line, the -generate flag should be used to generate primes according to the requirements specified by the rest of the flags.

OPTIONS

[-help]

Display an option summary.

[-hex]

Generate hex output.

[-generate]

Generate a prime number.

[-bits num]

Generate a prime with num bits.

[-safe]

When used with -generate, generates a "safe" prime. If the number generated is n, then check that (n-1)/2 is also prime.

[-checks num]

Perform the checks num times to see that the generated number is prime. The default is 20.

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