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

\$ man openssl-pkeyparam.1ssl

OPENSSL-PKEYPARAM(1SSL) OpenSSL OPENSSL-PKEYPARAM(1SSL)

NAME

openssl-pkeyparam - public key algorithm parameter processing command

SYNOPSIS

openssl pkeyparam [-help] [-in filename] [-out filename] [-text] [-noout] [-check]
[-engine id] [-provider name] [-provider-path path] [-propquery propq]

DESCRIPTION

This command processes public key algorithm parameters. They can be checked for correctness and their components printed out.

OPTIONS

-help

Print out a usage message.

-in filename

This specifies the input filename to read parameters from or standard input if this option is not specified.

-out filename

This specifies the output filename to write parameters to or standard output if this option is not specified.

-text

Prints out the parameters in plain text in addition to the encoded version.

-noout

Do not output the encoded version of the parameters.

-check

This option checks the correctness of parameters.

-engine id

See "Engine Options" in openssl(1). This option is deprecated.

-provider name

-provider-path path

-propquery propq

See "Provider Options" in openssl(1), provider(7), and property(7).

EXAMPLES

Print out text version of parameters:

```
openssl pkeyparam -in param.pem -text
```

NOTES

There are no -inform or -outform options for this command because only PEM format is supported because the key type is determined by the PEM headers.

SEE ALSO

openssl(1), openssl-genpkey(1), openssl-rsa(1), openssl-pkcs8(1), openssl-dsa(1),
openssl-genrsa(1), openssl-gendsa(1)

HISTORY

The -engine option was deprecated in OpenSSL 3.0.

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OPENSSL-PKEYPARAM(1SSL)