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### ***Rocky Enterprise Linux 9.2 Manual Pages on command 'openssl-pkeyparam.1oss1'***

***\$ man openssl-pkeyparam.1oss1***

OPENSSL-PKEYPARAM(1oss1)      OpenSSL      OPENSSL-PKEYPARAM(1oss1)

#### 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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