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

**\$ 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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