



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

C:\>man pkeyparam.1ssl

PKEYPARAM(1SSL) OpenSSL PKEYPARAM(1SSL)

NAME

openssl-pkeyparam, pkeyparam - public key algorithm parameter processing tool

SYNOPSIS

openssl pkeyparam [-help] [-in filename] [-out filename] [-text] [-noout] [-engine
id] [-check]

DESCRIPTION

The pkeyparam 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.

-engine id

Specifying an engine (by its unique id string) will cause pkeyparam to attempt to obtain a functional reference to the specified engine, thus initialising it if needed. The engine will then be set as the default for all available algorithms.

-check

This option checks the correctness of parameters.

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

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

COPYRIGHT

Copyright 2006-2019 The OpenSSL Project Authors. All Rights Reserved.

Licensed under the OpenSSL license (the "License"). You may not use this file except in compliance with the License. You can obtain a copy in the file LICENSE in the source distribution or at <<https://www.openssl.org/source/license.html>>.

1.1.1f

2023-02-06

PKEYPARAM(1SSL)