

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.

EXAMPLE

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)

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