

**NAME**

openssl-list, list – list algorithms and features

**SYNOPSIS**

**openssl list** [**-help**] [**-1**] [**-commands**] [**-digest-commands**] [**-digest-algorithms**]  
[**-cipher-commands**] [**-cipher-algorithms**] [**-public-key-algorithms**] [**-public-key-methods**]  
[**-disabled**]

**DESCRIPTION**

This command is used to generate list of algorithms or disabled features.

**OPTIONS****-help**

Display a usage message.

**-1** List the commands, digest-commands, or cipher-commands in a single column. If used, this option must be given first.

**-commands**

Display a list of standard commands.

**-digest-commands**

Display a list of message digest commands, which are typically used as input to the **dgst**(1) or **speed**(1) commands.

**-digest-algorithms**

Display a list of message digest algorithms. If a line is of the form  
foo => bar then **foo** is an alias for the official algorithm name, **bar**.

**-cipher-commands**

Display a list of cipher commands, which are typically used as input to the **dgst**(1) or **speed**(1) commands.

**-cipher-algorithms**

Display a list of cipher algorithms. If a line is of the form  
foo => bar then **foo** is an alias for the official algorithm name, **bar**.

**-public-key-algorithms**

Display a list of public key algorithms, with each algorithm as a block of multiple lines, all but the first are indented.

**-public-key-methods**

Display a list of public key method OIDs: this also includes public key methods without an associated ASN.1 method, for example, KDF algorithms.

**-disabled**

Display a list of disabled features, those that were compiled out of the installation.

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