



Linux Ubuntu 26.04 Manual Pages on command 'gnubasenc.1'

\$ man gnubasenc.1

BASENC(1)

User Commands

BASENC(1)

NAME

basenc - Encode/decode data and print to standard output

SYNOPSIS

basenc [OPTION]... [FILE]

DESCRIPTION

basenc encode or decode FILE, or standard input, to standard output.

With no FILE, or when FILE is -, read standard input.

Mandatory arguments to long options are mandatory for short options too.

--base64

same as 'base64' program (RFC4648 section 4)

--base64url

file- and url-safe base64 (RFC4648 section 5)

--base32

same as 'base32' program (RFC4648 section 6)

--base32hex

extended hex alphabet base32 (RFC4648 section 7)

--base16

hex encoding (RFC4648 section 8)

--base2msbf

bit string with most significant bit (msb) first

--base2lsbf

bit string with least significant bit (lsb) first

`-d, --decode`

decode data

`-i, --ignore-garbage`

when decoding, ignore non-alphabet characters

`-w, --wrap=COLS`

wrap encoded lines after COLS character (default 76). Use 0 to disable line wrapping

`--z85` ascii85-like encoding (ZeroMQ spec:32/Z85); when encoding, input length must be a multiple of 4; when decoding, input length must be a multiple of 5

`--help` display this help and exit

`--version`

output version information and exit

When decoding, the input may contain newlines in addition to the bytes of the formal alphabet. Use `--ignore-garbage` to attempt to recover from any other non-alphabet bytes in the encoded stream.

ENCODING EXAMPLES

```
$ printf '\376\117\202' | basenc --base64
```

```
/k+C
```

```
$ printf '\376\117\202' | basenc --base64url
```

```
_k-C
```

```
$ printf '\376\117\202' | basenc --base32
```

```
7ZHYE===
```

```
$ printf '\376\117\202' | basenc --base32hex
```

```
VP7O4===
```

```
$ printf '\376\117\202' | basenc --base16
```

```
FE4F82
```

```
$ printf '\376\117\202' | basenc --base2lsbf
```

```
011111111111001001000001
```

```
$ printf '\376\117\202' | basenc --base2msbf
```

```
111111100100111110000010
```

```
$ printf '\376\117\202\000' | basenc --z85
```

```
@.FaC
```

AUTHOR

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REPORTING BUGS

GNU coreutils online help: <<https://www.gnu.org/software/coreutils/>>

Report any translation bugs to <<https://translationproject.org/team/>>

SEE ALSO

Full documentation <<https://www.gnu.org/software/coreutils/basenc>>

or available locally via: info '(coreutils) basenc invocation'

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