

**NAME**

idn - Internationalized Domain Names command line tool

**SYNOPSIS**

**idn** [*OPTION*]... [*STRINGS*]...

**DESCRIPTION**

Internationalized Domain Name (IDN) convert STRINGS, or standard input.

Command line interface to the internationalized domain name library.

All strings are expected to be encoded in the preferred charset used by your locale. Use **--debug** to find out what this charset is. You can override the charset used by setting environment variable CHARSET.

To process a string that starts with '-', for example '-foo', use '--' to signal the end of parameters, as in:  
**idn --quiet -a -- -foo**

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

**-h, --help**

Print help and exit

**-V, --version**

Print version and exit

**-s, --stringprep**

Prepare string according to nameprep profile

**-d, --punycode-decode**

Decode Punycode

**-e, --punycode-encode**

Encode Punycode

**-a, --idna-to-ascii**

Convert to ACE according to IDNA (default mode)

**-u, --idna-to-unicode**

Convert from ACE according to IDNA

**--allow-unassigned**

Toggle IDNA AllowUnassigned flag (default off)

**--usestd3asciirules**

Toggle IDNA UseSTD3ASCIIRules flag (default off)

**--no-tld**

Don't check string for TLD specific rules Only for **--idna-to-ascii** and **--idna-to-unicode**

**-n, --nfkc**

Normalize string according to Unicode v3.2 NFKC

**-p, --profile=STRING**

Use specified stringprep profile instead Valid stringprep profiles: Nameprep iSCSI Nodeprep Resourceprep trace SASLprep

**--debug**

Print debugging information

**--quiet**

Silent operation

**AUTHOR**

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**REPORTING BUGS**

Report bugs to: [help-libidn@gnu.org](mailto:help-libidn@gnu.org)

GNU Libidn home page: <http://www.gnu.org/software/libidn/>

General help using GNU software: <https://www.gnu.org/gethelp/>

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**SEE ALSO**

The full documentation for **idn** is maintained as a Texinfo manual. If the **info** and **idn** programs are properly installed at your site, the command

**info idn**

should give you access to the complete manual.