

**NAME**

**fid** – List identifiers that occur in **FILENAME**

**SYNOPSIS**

**fid** [*OPTION*] *FILENAME* [*FILENAME2*]

**DESCRIPTION**

List identifiers that occur in **FILENAME**, or if **FILENAME2** is also given list the identifiers that occur in both files.

**-f, --file=FILE**

file name of ID database

**--help** display this help and exit

**--version**

output version information and exit

**SEE ALSO**

The full documentation for the **id-utils** package is maintained as a Texinfo manual. If the **info** and **id-utils** packages are properly installed, the command

**info 'ID database'**

should give you access to the complete manual.

**NAME**

**fnid** – Print constituent file names that match **PATTERN**

**SYNOPSIS**

**fnid** [*OPTION*]... [*PATTERN*]...

**DESCRIPTION**

Print constituent file names that match **PATTERN**, using shell-style wildcards.

**-f, --file=FILE**

file name of ID database

**-S, --separator=STYLE**

STYLE is one of ‘braces’, ‘space’ or ‘newline’

**--help** display this help and exit

**--version**

output version information and exit

**SEE ALSO**

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**NAME**

lid – Query ID database and report results

**SYNOPSIS**

**lid** [*OPTION*]... *PATTERN*...

**DESCRIPTION**

Query ID database and report results. By default, output consists of multiple lines, each line containing the matched identifier followed by the list of file names in which it occurs.

**-f, --file=FILE**

file name of ID database

**-i, --ignore-case**

match *PATTERN* case insensitively

**-l, --literal**

match *PATTERN* as a literal string

**-r, --regexp**

match *PATTERN* as a regular expression

**-w, --word**

match *PATTERN* as a delimited word

**-s, --substring**

match *PATTERN* as a substring

Note: If *PATTERN* contains extended regular expression metacharacters, it is interpreted as a regular expression substring. Otherwise, *PATTERN* is interpreted as a literal word.

**-k, --key=STYLE**

*STYLE* is one of ‘token’, ‘pattern’ or ‘none’

**-R, --result=STYLE**

*STYLE* is one of ‘filenames’, ‘grep’, ‘edit’ or ‘none’

**-S, --separator=STYLE** *STYLE* is one of ‘braces’, ‘space’ or ‘newline’ and only applies to file names when ‘--result=filenames’

The above *STYLE* options control how query results are presented. Defaults are **--key=token**  
**--result=filenames** **--separator=space**

**-F, --frequency=FREQ**

find tokens that occur *FREQ* times, where *FREQ* is a range expressed as ‘N..M’. If *N* is omitted, it defaults to 1, if *M* is omitted it defaults to `MAX_USHRT`

**-a, --ambiguous=LEN**

find tokens whose names are ambiguous for *LEN* chars

**-x, --hex**

only find numbers expressed as hexadecimal

**-d, --decimal**

only find numbers expressed as decimal

**-o, --octal**

only find numbers expressed as octal

By default, searches match numbers of any radix.

**--help** display this help and exit

**--version**

output version information and exit

**SEE ALSO**

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**NAME**

mkid – Build an identifier database

**SYNOPSIS**

**mkid** [*OPTION*]... [*FILE*]...

**DESCRIPTION**

Build an identifier database.

- o, --output=OUTFILE**  
file name of ID database output
- f, --file=OUTFILE**  
synonym for **--output**
- i, --include=LANGS**  
include languages in LANGS (default: "C C++ asm")
- x, --exclude=LANGS**  
exclude languages in LANGS
- l, --lang-option=L:OPT** pass OPT as a default for language L (see below)
- m, --lang-map=MAPFILE**  
use MAPFILE to map file names onto source language
- d, --default-lang=LANG** make LANG the default source language
- p, --prune=NAMES**  
exclude the named files and/or directories
- v, --verbose**  
report per file statistics
- s, --statistics**  
report statistics at end of run
- help** display this help and exit
- version**  
output version information and exit

FILE may be a file name, or a directory name to recursively search. If no FILE is given, the current directory is searched by default. Note that the ‘**--include**’ and ‘**--exclude**’ options are mutually-exclusive.

The following arguments apply to the language-specific scanners:

**C language:**

- k, --keep=CHARS**  
Allow CHARS in single-token strings, keep the result
- i, --ignore=CHARS**  
Allow CHARS in single-token strings, toss the result
- u, --strip-underscore**  
Strip a leading underscore from single-token strings

**C language:**

- k, --keep=CHARS**  
Allow CHARS in single-token strings, keep the result
- i, --ignore=CHARS**  
Allow CHARS in single-token strings, toss the result
- u, --strip-underscore**  
Strip a leading underscore from single-token strings

**Assembly language:**

- c,--comment=CHARS**  
Any of CHARS starts a comment until end-of-line
- k,--keep=CHARS**  
Allow CHARS in tokens, and keep the result
- i,--ignore=CHARS**  
Allow CHARS in tokens, and toss the result
- u,--strip-underscore**  
Strip a leading underscore from tokens
- n,--no-cpp**  
Don't handle C pre-processor directives

**Text language:**

- i,--include=CHAR-CLASS**  
Treat characters of CHAR-CLASS as token constituents
- x,--exclude=CHAR-CLASS**  
Treat characters of CHAR-CLASS as token delimiters

**SEE ALSO**

The full documentation for the **id-utils** package is maintained as a Texinfo manual. If the **info** and **id-utils** packages are properly installed, the command

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**NAME**

xtokid – Print all tokens found in a source file

**SYNOPSIS**

**xtokid** [*OPTION*]... [*FILE*]...

**DESCRIPTION**

Print all tokens found in a source file.

**-i, --include=LANGS**

include languages in LANGS (default: "C C++ asm")

**-x, --exclude=LANGS**

exclude languages in LANGS

**-l, --lang-option=L:OPT** pass OPT as a default for language L (see below)

**-m, --lang-map=MAPFILE**

use MAPFILE to map file names onto source language

**-d, --default-lang=LANG** make LANG the default source language

**-p, --prune=NAMES**

exclude the named files and/or directories

**--help** display this help and exit

**--version**

output version information and exit

The following arguments apply to the language-specific scanners:

**C language:**

**-k, --keep=CHARS**

Allow CHARS in single-token strings, keep the result

**-i, --ignore=CHARS**

Allow CHARS in single-token strings, toss the result

**-u, --strip-underscore**

Strip a leading underscore from single-token strings

**C language:**

**-k, --keep=CHARS**

Allow CHARS in single-token strings, keep the result

**-i, --ignore=CHARS**

Allow CHARS in single-token strings, toss the result

**-u, --strip-underscore**

Strip a leading underscore from single-token strings

**Assembly language:**

**-c, --comment=CHARS**

Any of CHARS starts a comment until end-of-line

**-k, --keep=CHARS**

Allow CHARS in tokens, and keep the result

**-i, --ignore=CHARS**

Allow CHARS in tokens, and toss the result

**-u, --strip-underscore**

Strip a leading underscore from tokens

**-n, --no-cpp**

Don't handle C pre-processor directives

**Text language:**

**-i,--include=CHAR-CLASS**

Treat characters of CHAR-CLASS as token constituents

**-x,--exclude=CHAR-CLASS**

Treat characters of CHAR-CLASS as token delimiters

## SEE ALSO

The full documentation for the **id-utils** package is maintained as a Texinfo manual. If the **info** and **id-utils** packages are properly installed, the command

**info 'ID database'**

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