

Project 'myfind' by Andreas Bauer
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Usage: `./myfind [-H] [-L] [-P] [path...] [expression]\n"`

"default path is the current directory;

default expression is `-print\n"`

expression may consist of:

operators and options

operators (decreasing precedence; `-and` is implicit where no others are given):

`(EXPR) ! EXPR -not EXPR EXPR1 -a EXPR2 EXPR1 -and EXPR2`

`EXPR1 -o EXPR2 EXPR1 -or EXPR2 EXPR1 , EXPR2`

normal options (always true, specified before other expressions):

`---help -maxdepth -mtime N -name PATTERN -user NAME/USERID -type TYP`

Examples:

```
andy67er@andreas-FH:~/vs-workspace/myfind$ ./myfind -L test-find -maxdepth 2 -mtime -2 -ls
 938886    4 drwxrwxr-x  2 andy67er andy67er   4096 Apr 03 15:23 test-find
 934026    4 -rwxrwxr-x  1 andy67er andy67er   1556 Apr 04 13:41 test-find/myfind.c
andy67er@andreas-FH:~/vs-workspace/myfind$
```

```
andy67er@andreas-FH:~/vs-workspace/myfind$ ./myfind d* -user 1000 -maxdepth 2 -ls
 934015    4 -rwxrwxr-x  1 andy67er andy67er   2495 Apr 04 20:23 defs.h
 934023   12 -rwxrwxr-x  1 andy67er andy67er   8708 Apr 04 20:38 dir.c
 934024    8 -rw-rw-r--  1 andy67er andy67er   7984 Apr 04 20:38 dir.o
andy67er@andreas-FH:~/vs-workspace/myfind$
```

```
andy67er@andreas-FH:~/vs-workspace/myfind$ ./myfind -maxdepth 1
```

```
.
./vscode
./myfind
./dir.o
./git
./readme.odt
./dir.c
./myfind.o
./latex
./test-find
./defs.h
./html
./glob.c
./Makefile
./myfind.c
./util.c
./glob.o
./~lock.readme.odt#
./test.txt
./util.o
./myfinddoxy
andy67er@andreas-FH:~/vs-workspace/myfind$
```

```

andy67er@andreas-FH:~/vs-workspace/myfind$ ./myfind -maxdepth 1 -mtime -1 -ls
938850    4 drwxrwxr-x  7 andy67er andy67er  4096 Apr 04 21:02 .
934088   28 -rwxrwxr-x  1 andy67er andy67er 26736 Apr 04 20:38 ./myfind
934024    8 -rw-rw-r--  1 andy67er andy67er  7984 Apr 04 20:38 ./dir.o
938851    4 drwxrwxr-x  8 andy67er andy67er  4096 Apr 04 10:16 ./git
937716   20 -rw-rw-r--  1 andy67er andy67er 17156 Apr 04 21:02 ./readme.odt
934023   12 -rwxrwxr-x  1 andy67er andy67er  8708 Apr 04 20:38 ./dir.c
934089    4 -rw-rw-r--  1 andy67er andy67er  2520 Apr 04 13:42 ./myfind.o
934015    4 -rwxrwxr-x  1 andy67er andy67er  2495 Apr 04 20:23 ./defs.h
934026    4 -rwxrwxr-x  1 andy67er andy67er  1556 Apr 04 13:41 ./myfind.c
934027   16 -rwxrwxr-x  1 andy67er andy67er 13450 Apr 04 20:36 ./util.c
937717    4 -rw-rw-r--  1 andy67er andy67er    82 Apr 04 21:02 ./~lock.readme.odt#
934093   12 -rw-rw-r--  1 andy67er andy67er  11960 Apr 04 20:38 ./util.o

```

```

andy67er@andreas-FH:~/vs-workspace/myfind$ ./myfind -maxdepth 1 -mtime 1 -ls
938850    4 drwxrwxr-x  7 andy67er andy67er  4096 Apr 04 21:02 .
806607    4 drwxrwxr-x  2 andy67er andy67er  4096 Apr 03 15:23 ./vscode
938885    4 drwxrwxr-x  2 andy67er andy67er  4096 Apr 03 15:23 ./latex
938886    4 drwxrwxr-x  2 andy67er andy67er  4096 Apr 03 15:23 ./test-find
806626    4 drwxrwxr-x  3 andy67er andy67er  4096 Apr 03 15:23 ./html
934025    4 -rwxrwxr-x  1 andy67er andy67er   891 Apr 03 15:21 ./glob.c
933905    4 -rw-rw-r--  1 andy67er andy67er   392 Apr 03 15:23 ./Makefile
934060    4 -rw-rw-r--  1 andy67er andy67er  2400 Apr 03 15:23 ./glob.o
934092    4 -rw-rw-r--  1 andy67er andy67er   1560 Apr 03 15:23 ./test.txt
934090  112 -rw-rw-r--  1 andy67er andy67er 112571 Apr 03 15:23 ./myfinddoxy

```

```

andy67er@andreas-FH:~/vs-workspace/myfind$

```

```

andy67er@andreas-FH:~/vs-workspace/myfind$ ./myfind -maxdepth 4

```

```

.
./vscode
./vscode/settings.json
./myfind
./dir.o
./git
./git/packed-refs
.
.
.
./git/refs/remotes
./git/refs/remotes/origin
./git/refs/tags
./git/hooks
./git/hooks/applypatch-msg.sample
./git/hooks/pre-applypatch.sample
./git/hooks/pre-merge-commit.sample
./git/hooks/prepare-commit-msg.sample
./git/hooks/update.sample
./git/hooks/pre-rebase.sample
./git/hooks/post-update.sample
.
.
.

```