

FIND COMMAND

\$ man find

Find all files and directories in this current directory.

\$ find .

\$ find Website-Demo # find everything inside website-demo directory.

\$ find . -type d # find all directories no files

\$ find . -type f # find all files no directories

\$ find . -type f -name "test_1.txt"

\$ find . -type f -name "test*"

\$ find . -type f -iname "test*" # iname case insensitive name

\$ find . -type f -iname "*.py"

FIND ALL FILES MODIFIED IN LAST 10 MIN.

\$ find . -type f -mmin -10

↳ MINUS OZNAČAVA LESS THAN 10 MIN AGO
+10 PLUS OZNAČAVA MORE THAN 10 MIN AGO

\$ find . -type f -mmin +1 -mmin -5 # FIND FILE EDITED MORE THAN 1 MIN AGO AND LESS THAN 5 MIN AGO

\$ find . -type f -mtime -20 # MODIFIED LESS THAN 20 DAYS AGO

SEARCH BY FILE SIZE

\$ find . -size +5M # FIND FILES OVER 5MB.

k - kilobytes
G - Gigabytes

mmin } MODIFIED MINUTES AND
mtime } MODIFIED DAYS.

amin } ACCESS MINUTES AND ACCESS DAYS

cmin } CHANGED MINUTES AND CHANGED
ctime } DAYS.

FILE PERMISSIONS

\$ find . -type f -name "*.py" -exec rm {} +

\$ find . -perm 777

\$ find Website-Demo -exec chown root:root {} +

PLACEHOLDER ZA IME
FAJLA PROSLJEĐENO
OD STRANE FIND
KOMANDE

\$ find Website-Demo -type d -exec chmod 775 {} +

↳ OZNAČAVA PRVAJ
KOMANDE, MOŽE SE
KOLISTITI i +

\$ find Website-Demo -perm 775

\$ find . -type f -name "*.ipa" -maxdepth 1 # search only down 1

\$ find . -type f -name jobs.json

directory which is
current directory.

GREP

\$ grep "John Williams" names.txt

grep -w "John Williams" names.txt
↳ whole word

grep -wi "John Williams" names.txt
-i - case insensitive

grep -wn
-n line number where word is found.

grep -win -B4 "John Williams" names.txt
-B4 - show four lines before match
-A4 - show four lines after match
-C4 - show four lines before and after match

SEARCH AGAINST EVERY FILE IN
CURRENT DIRECTORY

\$ grep -win "John Williams" ./*
this will search in each file inside
that directory.

\$ grep -win "John Williams" ./*.*.txt
SEARCH THROUGH EVERY txt file.
RECURSIVE SEARCH THROUGH EACH
FILE AND SUBDIRECTORY

\$ grep -winr "John Williams" ./
-r → recursive
will search through subdirectories
as well.

WHAT FILE CONTAINS THE MATCH

\$ grep -wirl "John Williams" .
-l will return file name that contains match.

HOW MANY MATCHES IN EACH FILE

\$ grep -wirc "John Williams"
-c will count how many matches in
each file we have.

\$ history | grep "git commit" | grep "dotfile"

REGULAR EXPRESSION

. - MATCH ANY CHARACTER

\$ grep "...-...-..." phonebook.txt

- Perl compatible regular
expressions

\$ grep -P "\d{3}-\d{2}-\d{4}" names.txt
 \d - digit
 {3} - 3 digits

Meta Characters (Need to be escaped)

. [() \ ^ \$ | ? * +

↳ Ako želimo da tražimo specijalne karaktere koristimo \. (traži tačku)
Traži url corey\.com

.	- Any Character Except New Line
\d	- Digit (0-9)
\D	- Not a Digit (0-9)
\w	- Word Character (a-z, A-Z, 0-9, _)
\W	- Not a Word Character
\s	- Whitespace (space, tab, newline)
\S	- Not Whitespace (space, tab, newline)
\b	- Word Boundary
\B	- Not a Word Boundary
^	- Beginning of a String
\$	- End of a String
[]	- Matches Characters in brackets
[^]	- Matches Characters NOT in brackets
	- Either Or

SUBNETRANGE