anqi\_study\_deno\_20220928anqi\_study\_deno\_20220928

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# deno commands

## deno

Deno 1.25.4+9a9dd12

exit using ctrl+d, ctrl+c, or close()

> for (let i = 1; i < 10; ++i) { for (let j = i; j <= 9; ++j) { console.log(`${i} \* ${j} = ${ i \* j }`); } }

1 \* 1 = 1

1 \* 2 = 2

1 \* 3 = 3

1 \* 4 = 4

1 \* 5 = 5

1 \* 6 = 6

1 \* 7 = 7

1 \* 8 = 8

1 \* 9 = 9

2 \* 2 = 4

2 \* 3 = 6

2 \* 4 = 8

2 \* 5 = 10

2 \* 6 = 12

2 \* 7 = 14

2 \* 8 = 16

2 \* 9 = 18

3 \* 3 = 9

3 \* 4 = 12

3 \* 5 = 15

3 \* 6 = 18

3 \* 7 = 21

3 \* 8 = 24

3 \* 9 = 27

4 \* 4 = 16

4 \* 5 = 20

4 \* 6 = 24

4 \* 7 = 28

4 \* 8 = 32

4 \* 9 = 36

5 \* 5 = 25

5 \* 6 = 30

5 \* 7 = 35

5 \* 8 = 40

5 \* 9 = 45

6 \* 6 = 36

6 \* 7 = 42

6 \* 8 = 48

6 \* 9 = 54

7 \* 7 = 49

7 \* 8 = 56

7 \* 9 = 63

8 \* 8 = 64

8 \* 9 = 72

9 \* 9 = 81

undefined

> help

Uncaught ReferenceError: help is not defined

at <anonymous>:2:1

> let a = 0; const A = 1; console.log(a + A);

1

undefined

> let b = 2

undefined

> console.log(b + A);

3

undefined

> close()

P:\anqi\Desktop\tech\deno\help\20220928>deno -q

Deno 1.25.4+9a9dd12

exit using ctrl+d, ctrl+c, or close()

> console.log('test');

test

undefined

> close()

P:\anqi\Desktop\tech\deno\help\20220928>deno --unstable

Deno 1.25.4+9a9dd12

exit using ctrl+d, ctrl+c, or close()

> console.log('test');

test

undefined

> close()

## anqi: Test -V, -version, and -v (not exists)

P:\anqi\Desktop\tech\deno\help\20220928>deno -V && deno --version && deno -v

deno 1.25.4+9a9dd12

deno 1.25.4+9a9dd12 (canary, x86\_64-pc-windows-msvc)

v8 10.7.193.3

typescript 4.8.3

error: Found argument '-v' which wasn't expected, or isn't valid in this context

If you tried to supply `-v` as a value rather than a flag, use `-- -v`

USAGE:

deno [OPTIONS] [SUBCOMMAND]

For more information try --help

AnQi: ‘-v’ is wrong, ‘-V’ or ‘-version’ are ok. Why use ‘-V’ not ‘-v, maybe because of NodeJs?

P:\anqi\Desktop\tech\deno\help\20220928>node -v

v16.15.1

P:\anqi\Desktop\tech\deno\help\20220928>node -V

node: bad option: -V

## anqi: how to use –unstable?

### Run

deno -h >00\_deno\_h.txt & deno -h --unstable>00\_deno\_h\_unstable.txt

### Compare them with WinMerge

They are the same.

### Others

deno help>00\_deno\_help.txt

Compared to 00\_deno\_h.txt, 00\_deno\_help.txt has more details, and the formatter is not same.

For more, see 00\_deno\_h\_VS\_00\_deno\_help.htm

## deno -h bench VS deno bench -h VS deno help bench

### Run

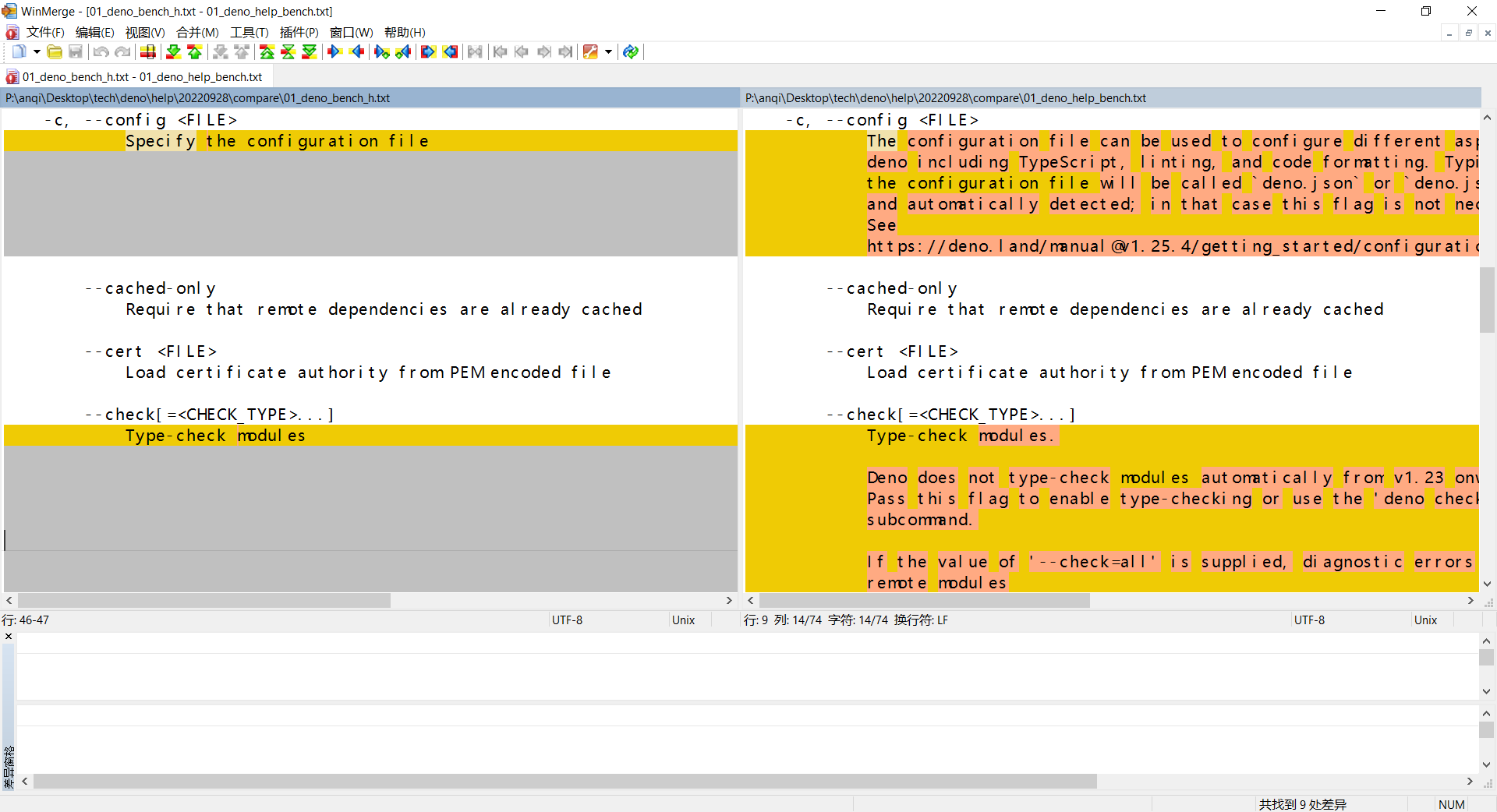
P:\anqi\Desktop\tech\deno\help\20220928>md compare & cd compare && deno -h bench>01\_deno\_h\_bench.txt & deno bench -h>01\_deno\_bench\_h.txt & deno help bench>01\_deno\_help\_bench.txt

### Compare them with WinMerge

01\_deno\_h\_bench.txt is same to 00\_deno\_h.txt

01\_deno\_bench\_h.txt is similar to 01\_deno\_help\_bench.txt, but the 01\_deno\_help\_bench.txt has more details. Such as:





For more, see 01\_deno\_bench\_h\_VS\_01\_deno\_help\_bench.htm

### Conclusion

We can use ‘deno help <subcommands>’ for full info, and ‘deno <subcommands> -h’ for simple info.

Don’t use ‘deno -h <subcommands>’!

## Get the help info of other subcommands

### deno <subcommands> -h

P:\anqi\Desktop\tech\deno\help\20220928\compare>deno bundle -h >02\_deno\_bundle\_h.txt

P:\anqi\Desktop\tech\deno\help\20220928\compare>deno cache -h >03\_deno\_cache\_h.txt

P:\anqi\Desktop\tech\deno\help\20220928\compare>deno check -h >04\_deno\_check\_h.txt

P:\anqi\Desktop\tech\deno\help\20220928\compare>deno compile -h >05\_deno\_compile\_h.txt

P:\anqi\Desktop\tech\deno\help\20220928\compare>deno completions -h >06\_deno\_completions\_h.txt

P:\anqi\Desktop\tech\deno\help\20220928\compare>deno coverage -h >07\_deno\_coverage\_h.txt

P:\anqi\Desktop\tech\deno\help\20220928\compare>deno doc -h >08\_deno\_doc\_h.txt

P:\anqi\Desktop\tech\deno\help\20220928\compare>deno eval -h >09\_deno\_eval\_h.txt

P:\anqi\Desktop\tech\deno\help\20220928\compare>deno fmt -h >10\_deno\_fmt\_h.txt

P:\anqi\Desktop\tech\deno\help\20220928\compare>deno help -h >11\_deno\_help\_h.txt

error: The subcommand '-h' wasn't recognized

USAGE:

deno <subcommands>

For more information try --help

P:\anqi\Desktop\tech\deno\help\20220928\compare>deno info -h >12\_deno\_info\_h.txt

P:\anqi\Desktop\tech\deno\help\20220928\compare>deno init -h >13\_deno\_init\_h.txt

P:\anqi\Desktop\tech\deno\help\20220928\compare>deno install -h >14\_deno\_install\_h.txt

P:\anqi\Desktop\tech\deno\help\20220928\compare>deno lint -h >15\_deno\_lint\_h.txt

P:\anqi\Desktop\tech\deno\help\20220928\compare>deno lsp -h >16\_deno\_lsp\_h.txt

P:\anqi\Desktop\tech\deno\help\20220928\compare>deno repl -h >17\_deno\_repl\_h.txt

P:\anqi\Desktop\tech\deno\help\20220928\compare>deno run -h >18\_deno\_run\_h.txt

P:\anqi\Desktop\tech\deno\help\20220928\compare>deno task -h >19\_deno\_task\_h.txt

Warning deno task is unstable and may drastically change in the future

error: No config file found

P:\anqi\Desktop\tech\deno\help\20220928\compare>deno test -h >20\_deno\_test\_h.txt

P:\anqi\Desktop\tech\deno\help\20220928\compare>deno types -h >21\_deno\_types\_h.txt

P:\anqi\Desktop\tech\deno\help\20220928\compare>deno uninstall -h >22\_deno\_uninstall\_h.txt

error: No installation found for -h

P:\anqi\Desktop\tech\deno\help\20220928\compare>deno upgrade -h >23\_deno\_upgrade\_h.txt

P:\anqi\Desktop\tech\deno\help\20220928\compare>deno vendor -h >24\_deno\_vendor\_h.txt

### deno help <subcommands>

P:\anqi\Desktop\tech\deno\help\20220928\compare>deno help bundle >02\_deno\_help\_bundle.txt

P:\anqi\Desktop\tech\deno\help\20220928\compare>deno help cache >03\_deno\_help\_cache.txt

P:\anqi\Desktop\tech\deno\help\20220928\compare>deno help check >04\_deno\_help\_check.txt

P:\anqi\Desktop\tech\deno\help\20220928\compare>deno help compile >05\_deno\_help\_compile.txt

P:\anqi\Desktop\tech\deno\help\20220928\compare>deno help completions >06\_deno\_help\_completions.txt

P:\anqi\Desktop\tech\deno\help\20220928\compare>deno help coverage >07\_deno\_help\_coverage.txt

P:\anqi\Desktop\tech\deno\help\20220928\compare>deno help doc >08\_deno\_help\_doc.txt

P:\anqi\Desktop\tech\deno\help\20220928\compare>deno help eval >09\_deno\_help\_eval.txt

P:\anqi\Desktop\tech\deno\help\20220928\compare>deno help fmt >10\_deno\_help\_fmt.txt

P:\anqi\Desktop\tech\deno\help\20220928\compare>deno help help >11\_deno\_help\_help.txt

P:\anqi\Desktop\tech\deno\help\20220928\compare>deno help info >12\_deno\_help\_info.txt

P:\anqi\Desktop\tech\deno\help\20220928\compare>deno help init >13\_deno\_help\_init.txt

P:\anqi\Desktop\tech\deno\help\20220928\compare>deno help install >14\_deno\_help\_install.txt

P:\anqi\Desktop\tech\deno\help\20220928\compare>deno help lint >15\_deno\_help\_lint.txt

P:\anqi\Desktop\tech\deno\help\20220928\compare>deno help lsp >16\_deno\_help\_lsp.txt

P:\anqi\Desktop\tech\deno\help\20220928\compare>deno help repl >17\_deno\_help\_repl.txt

P:\anqi\Desktop\tech\deno\help\20220928\compare>deno help run >18\_deno\_help\_run.txt

P:\anqi\Desktop\tech\deno\help\20220928\compare>deno help task >19\_deno\_help\_task.txt

P:\anqi\Desktop\tech\deno\help\20220928\compare>deno help test >20\_deno\_help\_test.txt

P:\anqi\Desktop\tech\deno\help\20220928\compare>deno help types >21\_deno\_help\_types.txt

P:\anqi\Desktop\tech\deno\help\20220928\compare>deno help uninstall >22\_deno\_help\_uninstall.txt

P:\anqi\Desktop\tech\deno\help\20220928\compare>deno help upgrade >23\_deno\_help\_upgrade.txt

P:\anqi\Desktop\tech\deno\help\20220928\compare>deno help vendor >24\_deno\_help\_vendor.txt

### Conclusion

‘help’ is not belongs to subcommands.

## Compare by categories

Get the help info, and output to two difference categories, and then compare them.

### Run

P:\anqi\Desktop\tech\deno\help\20220928\compare>md ~-h help~

P:\anqi\Desktop\tech\deno\help\20220928\compare>deno bench -h >~-h\01\_deno-bench.txt & deno help bench >help~\01\_deno-bench.txt

P:\anqi\Desktop\tech\deno\help\20220928\compare>deno bundle -h >~-h\02\_deno-bundle.txt & deno help bundle >help~\02\_deno-bundle.txt

P:\anqi\Desktop\tech\deno\help\20220928\compare>deno cache -h >~-h\03\_deno-cache.txt & deno help cache >help~\03\_deno-cache.txt

P:\anqi\Desktop\tech\deno\help\20220928\compare>deno check -h >~-h\04\_deno-check.txt & deno help check >help~\04\_deno-check.txt

P:\anqi\Desktop\tech\deno\help\20220928\compare>deno compile -h >~-h\05\_deno-compile.txt & deno help compile >help~\05\_deno-compile.txt

P:\anqi\Desktop\tech\deno\help\20220928\compare>deno completions -h >~-h\06\_deno-completions.txt & deno help completions >help~\06\_deno-completions.txt

P:\anqi\Desktop\tech\deno\help\20220928\compare>deno coverage -h >~-h\07\_deno-coverage.txt & deno help coverage >help~\07\_deno-coverage.txt

P:\anqi\Desktop\tech\deno\help\20220928\compare>deno doc -h >~-h\08\_deno-doc.txt & deno help doc >help~\08\_deno-doc.txt

P:\anqi\Desktop\tech\deno\help\20220928\compare>deno eval -h >~-h\09\_deno-eval.txt & deno help eval >help~\09\_deno-eval.txt

P:\anqi\Desktop\tech\deno\help\20220928\compare>deno fmt -h >~-h\10\_deno-fmt.txt & deno help fmt >help~\10\_deno-fmt.txt

P:\anqi\Desktop\tech\deno\help\20220928\compare>deno help -h >~-h\11\_deno-help.txt & deno help help >help~\11\_deno-help.txt

error: The subcommand '-h' wasn't recognized

USAGE:

deno <subcommands>

For more information try --help

P:\anqi\Desktop\tech\deno\help\20220928\compare>deno info -h >~-h\12\_deno-info.txt & deno help info >help~\12\_deno-info.txt

P:\anqi\Desktop\tech\deno\help\20220928\compare>deno init -h >~-h\13\_deno-init.txt & deno help init >help~\13\_deno-init.txt

P:\anqi\Desktop\tech\deno\help\20220928\compare>deno install -h >~-h\14\_deno-install.txt & deno help install >help~\14\_deno-install.txt

P:\anqi\Desktop\tech\deno\help\20220928\compare>deno lint -h >~-h\15\_deno-lint.txt & deno help lint >help~\15\_deno-lint.txt

P:\anqi\Desktop\tech\deno\help\20220928\compare>deno lsp -h >~-h\16\_deno-lsp.txt & deno help lsp >help~\16\_deno-lsp.txt

P:\anqi\Desktop\tech\deno\help\20220928\compare>deno repl -h >~-h\17\_deno-repl.txt & deno help repl >help~\17\_deno-repl.txt

P:\anqi\Desktop\tech\deno\help\20220928\compare>deno run -h >~-h\18\_deno-run.txt & deno help run >help~\18\_deno-run.txt

P:\anqi\Desktop\tech\deno\help\20220928\compare>deno task -h >~-h\19\_deno-task.txt & deno help task >help~\19\_deno-task.txt

Warning deno task is unstable and may drastically change in the future

error: No config file found

P:\anqi\Desktop\tech\deno\help\20220928\compare>deno test -h >~-h\20\_deno-test.txt & deno help test >help~\20\_deno-test.txt

P:\anqi\Desktop\tech\deno\help\20220928\compare>deno types -h >~-h\21\_deno-types.txt & deno help types >help~\21\_deno-types.txt

P:\anqi\Desktop\tech\deno\help\20220928\compare>deno uninstall -h >~-h\22\_deno-uninstall.txt & deno help uninstall >help~\22\_deno-uninstall.txt

error: No installation found for -h

P:\anqi\Desktop\tech\deno\help\20220928\compare>deno upgrade -h >~-h\23\_deno-upgrade.txt & deno help upgrade >help~\23\_deno-upgrade.txt

P:\anqi\Desktop\tech\deno\help\20220928\compare>deno vendor -h >~-h\24\_deno-vendor.txt & deno help vendor >help~\24\_deno-vendor.txt

### Compare with WinMerge

For more, please the “99 deno ~subcommands~ -h VS deno help ~subcommands~.htm” and “99 deno ~subcommands~ -h VS deno help ~subcommands~.files\\*.htm”.

## Others

Now, I don’t know how to show the ENVIRONMENT VARIABLES, or set them.

# Study some subcommands

## deno bench

P:\anqi\Desktop\tech\deno\help\20220928>deno bench

error: No bench modules found

P:\anqi\Desktop\tech\deno\help\20220928>deno bench P:\anqi\Desktop\tech\deno\codes\netsaur\netsaur-main\examples\bench.ts

error: error sending request for url (https://raw.githubusercontent.com/denosaurs/neo/main/backend/util/data.ts): error trying to connect: dns error: The requested name is valid, but no data of the requested type was found. (os error 11004)

at <file:///P:/anqi/Desktop/tech/deno/codes/netsaur/netsaur-main/deps.ts:9:8>

anqi: delay the study.

## deno upgrade

P:\anqi\Desktop\tech\deno\help\20220928>deno upgrade && deno -V

Looking up latest version

error: error sending request for url (https://github.com/denoland/deno/releases/latest): connection error: connection reset

Caused by:

0: connection error: connection reset

1: connection reset

P:\anqi\Desktop\tech\deno\help\20220928>deno upgrade && deno -V

Looking up latest version

error: error sending request for url (https://github.com/denoland/deno/releases/latest): connection error: connection reset

Caused by:

0: connection error: connection reset

1: connection reset

P:\anqi\Desktop\tech\deno\help\20220928>ping www.baidu.com -t

Pinging www.a.shifen.com [14.215.177.38] with 32 bytes of data:

Reply from 14.215.177.38: bytes=32 time=22ms TTL=54

Reply from 14.215.177.38: bytes=32 time=22ms TTL=54

Reply from 14.215.177.38: bytes=32 time=21ms TTL=54

Reply from 14.215.177.38: bytes=32 time=22ms TTL=54

Reply from 14.215.177.38: bytes=32 time=21ms TTL=54

Reply from 14.215.177.38: bytes=32 time=22ms TTL=54

Reply from 14.215.177.38: bytes=32 time=21ms TTL=54

Reply from 14.215.177.38: bytes=32 time=22ms TTL=54

Reply from 14.215.177.38: bytes=32 time=21ms TTL=54

Reply from 14.215.177.38: bytes=32 time=21ms TTL=54

Reply from 14.215.177.38: bytes=32 time=22ms TTL=54

Reply from 14.215.177.38: bytes=32 time=21ms TTL=54

Reply from 14.215.177.38: bytes=32 time=22ms TTL=54

Reply from 14.215.177.38: bytes=32 time=22ms TTL=54

Reply from 14.215.177.38: bytes=32 time=22ms TTL=54

Reply from 14.215.177.38: bytes=32 time=21ms TTL=54

Reply from 14.215.177.38: bytes=32 time=22ms TTL=54

Ping statistics for 14.215.177.38:

Packets: Sent = 17, Received = 17, Lost = 0 (0% loss),

Approximate round trip times in milli-seconds:

Minimum = 21ms, Maximum = 22ms, Average = 21ms

Control-C

^C

P:\anqi\Desktop\tech\deno\help\20220928>ping github.com -t

Pinging github.com [20.205.243.166] with 32 bytes of data:

Request timed out.

Request timed out.

Request timed out.

Request timed out.

Request timed out.

Ping statistics for 20.205.243.166:

Packets: Sent = 5, Received = 0, Lost = 5 (100% loss),

Control-C

^C

P:\anqi\Desktop\tech\deno\help\20220928>ping www.baidu.com && ping github.com && ping www.baidu.com

Pinging www.a.shifen.com [14.215.177.38] with 32 bytes of data:

Reply from 14.215.177.38: bytes=32 time=22ms TTL=54

Reply from 14.215.177.38: bytes=32 time=21ms TTL=54

Reply from 14.215.177.38: bytes=32 time=22ms TTL=54

Reply from 14.215.177.38: bytes=32 time=22ms TTL=54

Ping statistics for 14.215.177.38:

Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),

Approximate round trip times in milli-seconds:

Minimum = 21ms, Maximum = 22ms, Average = 21ms

Pinging github.com [20.205.243.166] with 32 bytes of data:

Request timed out.

Request timed out.

Request timed out.

Request timed out.

Ping statistics for 20.205.243.166:

Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),

P:\anqi\Desktop\tech\deno\help\20220928>ping www.baidu.com & ping github.com & ping www.baidu.com

Pinging www.a.shifen.com [14.215.177.38] with 32 bytes of data:

Reply from 14.215.177.38: bytes=32 time=22ms TTL=54

Reply from 14.215.177.38: bytes=32 time=21ms TTL=54

Reply from 14.215.177.38: bytes=32 time=22ms TTL=54

Reply from 14.215.177.38: bytes=32 time=22ms TTL=54

Ping statistics for 14.215.177.38:

Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),

Approximate round trip times in milli-seconds:

Minimum = 21ms, Maximum = 22ms, Average = 21ms

Pinging github.com [20.205.243.166] with 32 bytes of data:

Request timed out.

Request timed out.

Request timed out.

Request timed out.

Ping statistics for 20.205.243.166:

Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),

Pinging www.a.shifen.com [14.215.177.38] with 32 bytes of data:

Reply from 14.215.177.38: bytes=32 time=21ms TTL=54

Reply from 14.215.177.38: bytes=32 time=21ms TTL=54

Reply from 14.215.177.38: bytes=32 time=22ms TTL=54

Reply from 14.215.177.38: bytes=32 time=21ms TTL=54

Ping statistics for 14.215.177.38:

Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),

Approximate round trip times in milli-seconds:

Minimum = 21ms, Maximum = 22ms, Average = 21ms

# Make categories and continue tomorrow

P:\anqi\Desktop\tech\deno\help\20220928>md 01\_deno\_bench

P:\anqi\Desktop\tech\deno\help\20220928>md 02\_deno\_bundle

P:\anqi\Desktop\tech\deno\help\20220928>md 03\_deno\_cache

P:\anqi\Desktop\tech\deno\help\20220928>md 04\_deno\_check

P:\anqi\Desktop\tech\deno\help\20220928>md 05\_deno\_compile

P:\anqi\Desktop\tech\deno\help\20220928>md 06\_deno\_completions

P:\anqi\Desktop\tech\deno\help\20220928>md 07\_deno\_coverage

P:\anqi\Desktop\tech\deno\help\20220928>md 08\_deno\_doc

P:\anqi\Desktop\tech\deno\help\20220928>md 09\_deno\_eval

P:\anqi\Desktop\tech\deno\help\20220928>md 10\_deno\_fmt

P:\anqi\Desktop\tech\deno\help\20220928>md 11\_deno\_help

P:\anqi\Desktop\tech\deno\help\20220928>md 12\_deno\_info

P:\anqi\Desktop\tech\deno\help\20220928>md 13\_deno\_init

P:\anqi\Desktop\tech\deno\help\20220928>md 14\_deno\_install

P:\anqi\Desktop\tech\deno\help\20220928>md 15\_deno\_lint

P:\anqi\Desktop\tech\deno\help\20220928>md 16\_deno\_lsp

P:\anqi\Desktop\tech\deno\help\20220928>md 17\_deno\_repl

P:\anqi\Desktop\tech\deno\help\20220928>md 18\_deno\_run

P:\anqi\Desktop\tech\deno\help\20220928>md 19\_deno\_task

P:\anqi\Desktop\tech\deno\help\20220928>md 20\_deno\_test

P:\anqi\Desktop\tech\deno\help\20220928>md 21\_deno\_types

P:\anqi\Desktop\tech\deno\help\20220928>md 22\_deno\_uninstall

P:\anqi\Desktop\tech\deno\help\20220928>md 23\_deno\_upgrade

P:\anqi\Desktop\tech\deno\help\20220928>md 24\_deno\_vendor