tokei Count lines of code

START HERE

tokei
Count the current directory

tokei -o json
Machine-readable output

tokei <path>...
Count given paths

tokei -l
List known languages

tokei -f
One line per file

tokei -s code
Sort by code lines

tokei -t=<lang>
Only one language

tokei -e <glob>
Skip matching paths

CONCEPTS

Each language row splits lines into code, comments and blanks. Embedded code (CSS in HTML, say) is counted under its own language as a child row.

tokei honours .gitignore, .ignore and .tokeignore by default, so build output and vendored dirs listed there are not counted.

Walk paths ignore files applied
↓ detect
Match language by extension
Split lines code / comments / blanks
↓ report
What a run does

COUNTING

tokei
Table for the current directory

tokei <dir> <dir>
Count several paths together

tokei -f
Show every file

tokei -s <key>
Sort rows by files, lines, blanks, code or comments

tokei -s code -f
Biggest files by code lines

tokei --hidden
Include hidden files

tokei -c <n>
Fixed output width in columns

tokei -l
List supported languages and extensions

tokei -v
Log unknown extensions (-vv for more)

COUNTING (cont.)

tokei -V
Print the version

FILTERING

tokei -t=<lang>,<lang>
Only these languages

tokei -t=Rust,Markdown
Example: Rust and Markdown only

tokei -e <pattern>
Exclude files or dirs, gitignore syntax

tokei -e '*.d' -e <dir>
Repeat -e for several patterns

tokei --no-ignore
Count everything, ignore all ignore files

tokei --no-ignore-vcs
Skip only .gitignore/.hgignore

tokei --no-ignore-dot
Skip .ignore and .tokeignore

FILTERING (cont.)

tokei --no-ignore-parent
Skip ignore files in parent dirs

Quote glob patterns so the shell does not expand them first.

OUTPUT AND CONFIG

tokei -o json
Print JSON instead of a table

tokei -o yaml
Print YAML

tokei -o cbor
Print CBOR (binary)

tokei -o json > stats.json
Save a run for later

tokei -i stats.json
Load a saved run instead of scanning

OUTPUT AND CONFIG (cont.)

tokei -i stdin
Read a saved run from a pipe

Some builds lack json, yaml or cbor. Reinstall with cargo install tokei --features all.

.tokeignore
Per-project exclude list, gitignore syntax

tokei.toml / .tokeirc
Default options; read from cwd, home, config dir

Install

Where	Command
Cargo	cargo install tokei
Homebrew	brew install tokei
Arch	pacman -S tokei
Fedora	sudo dnf install tokei
Windows	winget install XAMPPRocky.tokei

RECIPES

Source only, biggest files first

```
tokei -f -s code -t=Rust src
```

Compare two points in history

```
tokei -o json > now.json
git stash -q && git checkout -q
<rev>
tokei -o json > then.json
git checkout -q - && git stash
pop -q
```

Total code lines in a script

```
tokei -o json | jq
'.Total.code'
```

Ignore tests and vendored code

```
printf 'vendor/\n*_test.go\n'
>> .tokeignore
tokei
```