Stylelint CSS linter

CONCEPTS

Quote globs so Stylelint expands them itself; node_modules is always ignored. Exit code 2 means lint problems, 1 a fatal error.

Config extends + rules
↓ applies to
Files CSS, SCSS, HTML…
↓ reports
Problems error or warning
↓ --fix
Fixed source safe rules only

RUNNING

stylelint "*<glob>*"
Lint files matching a glob

stylelint *<dir>*/
Lint a directory

stylelint "*<glob>*" --allow-empty-input
No error if glob matches nothing

stylelint --stdin
Read source from stdin

stylelint --stdin-filename *<name>*
Name the stdin input

stylelint --custom-syntax *<name>*
Use a custom PostCSS syntax

RUNNING (cont.)

stylelint --ignore-path *<file>*
Read ignore patterns from a file

stylelint --ignore-pattern "*<glob>*"
Ignore extra paths

FIXING

stylelint --fix "*<glob>*"
Fix what is auto-fixable

SEVERITY AND EXIT CODES

stylelint -q "*<glob>*"
Show errors only, hide warnings

stylelint --max-warnings *<n>*
Exit 2 above n warnings

Exit codes

Code	Meaning
0	No problems
1	Fatal error
2	Lint problems
64	Bad CLI usage
78	Invalid config file

OUTPUT

stylelint -f *<name>*
Choose a formatter

stylelint -f verbose "*<glob>*"
List files checked, with tally

OUTPUT (cont.)

stylelint -f json "*<glob>*"
JSON report for tools

stylelint -o *<path>*
Write the report to a file

CACHE

stylelint --cache "*<glob>*"
Only re-lint changed files

stylelint --cache-location *<path>*
Move the cache file or dir

stylelint --cache-strategy content
Detect changes by content

CONFIG

stylelint --config *<file>*
Use a specific config

stylelint --print-config *<file>*
Print the resolved config

Config files searched (in order)

Where
"stylelint" key in package.json
.stylelintrc
.stylelintrc.{cjs,mjs,js,ts,json,yaml,yml}
stylelint.config.{cjs,mjs,js,ts}

CONFIG (cont.)

.stylelintrc.json

```
{
  "extends": ["stylelint-config-standard"],
  "rules": {
    "color-named": "never",
    "declaration-no-important": [true, { "severity": "warning" }],
    "selector-class-pattern": null
  },
  "ignoreFiles": ["dist/**"]
}
```

Per-file overrides

```
"overrides": [{
  "files": ["**/*.scss"],
  "customSyntax": "postcss-scss"
}]
```

"defaultSeverity": "warning"
Make every rule a warning

"rules": { "*<rule>*": null }
Turn a rule off

DISABLE COMMENTS

/* stylelint-disable */ … /* stylelint-enable */
Turn off a region

/* stylelint-disable *<rule>* */
Turn off one rule below

DISABLE COMMENTS (cont.)

/* stylelint-disable-next-line *<rule>* */
Skip the next line

/* stylelint-disable-line *<rule>* */
Skip this line

/* stylelint-disable *<rule>* -- *<reason>* */
Add a description

stylelint --report-needless-disables
Flag useless disable comments

RECIPES

CI check

```
npx stylelint --cache --cache-strategy content \
  --max-warnings 0 "src/**/*.{css,scss}"
```

Adopt in a legacy codebase

```
npx stylelint --suppress "**/*.css"
git add stylelint-suppressions.json
# new problems fail; old ones are tolerated
```

Install with the standard config

```
npm i -D stylelint stylelint-config-standard
echo '{"extends": ["stylelint-config-standard"]}' \
  > .stylelintrc.json
```