polychro

OPEN SOURCE AI LINTER
APACHE 2.0 · CREATED BY **NAFTIKO**

Deterministic linting for AI-generated specs

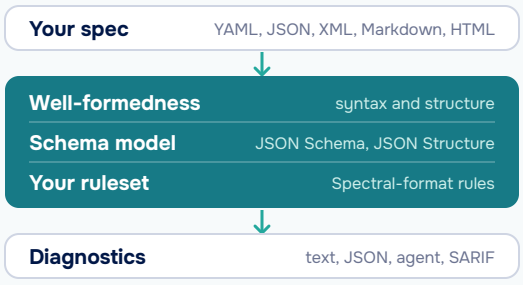
Check every spec change against the same rules.

Polychro validates YAML, JSON, XML, Markdown, and HTML specs against **rules your team keeps in the repo**. Run it while you edit, then again in **CI** to gate the merge.

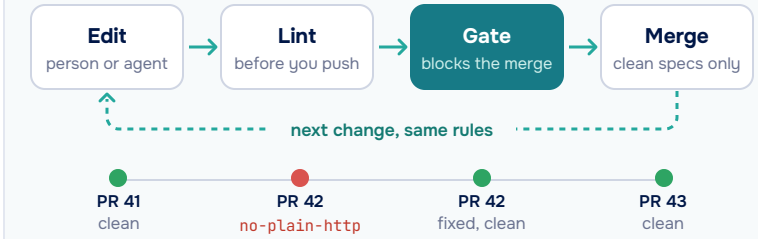
Nothing reaches main unchecked.

```
# get the polychro binary at github.com/naftiko/polychro/releases
$ cat shipyard.yml
capability:
  consumes:
  - namespace: registry
    baseUri: http://api.registry.io
$ cat rules/security.yml  # your team's rules
rules:
  no-plain-http:
    severity: error
    given: "$.capability.consumes[*].baseUri"
    then:
      function: pattern
      functionOptions: { notMatch: "^http://" }
$ polychro lint --ruleset rules/security.yml shipyard.yml
ERROR at $.capability.consumes[0].baseUri [no-plain-http]:
  Value must not match pattern: ^http://
1 issue(s) found.          # exits 2, so CI fails
```

How a lint runs



Gate checked on every change



Features

Multi-format

Lint YAML, JSON, XML, Markdown, and HTML specs through one pipeline.

Layered validation

Syntax, schema, and ruleset checks all return the same diagnostic shape.

Rules as code

Write rules in the Spectral format and version them next to your specs.

CI-ready

Exit codes gate any pipeline. SARIF output plugs into code scanning.

Agent-friendly output

Use `--format agent` for compact JSON a coding agent can act on.

Native binary

Starts in milliseconds on Linux, macOS, and Windows. No JVM or Node.js.

Get started with Polychro

shipyard.naftiko.io/polychro

Playground at **shipyard.naftiko.io/playground** · Code at **github.com/naftiko/polychro**

CREATED BY

Naftiko

naftiko.io