



margo doctor

Purpose

`doctor` probes rendering engine candidates without rendering a document.

Input and output

The command accepts no input. Text or JSON output goes to stdout; command failures go to stderr. Each candidate records its engine name, discovery source, compiled and available states, executable path, version, diagnostic code, and reason.

Examples

```
margo doctor
margo doctor --diagnostics json > build/margo-doctor.json
```

Failures and diagnostics

Read `available`, not merely the presence of a row. A missing known path can appear with `pdf.engine_path_invalid`; the native slot can appear with `pdf.native.compiled_out`. Invalid flags or diagnostic formats exit `1` and write the command failure to stderr.

`doctor` can exit `0` while listing only unavailable candidates, because the report itself was produced successfully.

Limitations and care

Discovery follows automatic PDF selection: explicit path where applicable, `MARGO_CHROMIUM_PATH`, `PATH` and known locations in platform order, then the native slot. `doctor` does not download, install, or launch a document render. It cannot guarantee that a later document-specific export will succeed.