



Doctor report schema

This schema describes the complete report produced by `margo doctor --diagnostics json`, including renderer candidates and their availability.

Margo doctor report v1

The JSON envelope emitted by `margo doctor --diagnostics json`.

build *object* *

Identity of the Margo binary that produced the report.

arch *string* *

Target architecture.

commit *string* *

Source commit used to build the binary.

goVersion *string* *

Go toolchain identity.

os *string* *

Target operating system.

version *string* *

Margo release or development version.

candidates *array* *

PDF engine candidates in deterministic discovery order.

*

available *boolean* *

Whether the candidate can be selected for rendering.

code *string*

Stable diagnostic code when discovery or probing failed.

compiled *boolean* *

Whether this candidate is compiled into the binary.

name *string* *

Engine name.

path *string*

Executable path when the candidate is external.

reason *string*

Human-readable discovery or probe explanation.

source *string* *

How the candidate was discovered.

enum=["flag","environment","path","known-location","native"]

version *string*

Detected executable version.

Used by

- The `margo doctor` JSON output.
- Automation that records local PDF renderer availability.
- `margo schema doctor-report`, which emits the exact embedded bytes.