



Document schema

This schema describes the generic metadata and Margo-owned rendering preferences accepted in Markdown frontmatter. Consumer-owned metadata remains available outside the Margo namespace.

Margo document metadata v1

Known generic metadata and closed Margo-owned rendering preferences. Consumer-owned root properties remain allowed.

authors *array*

Ordered author display names.

maxItems=64; uniqueItems=true

description *string*

Plain-text summary for page and artifact metadata.

maxLength=512

language *string*

BCP 47-style document language tag.

pattern="^[A-Za-z]{2,8}(:-[A-Za-z0-9]{1,8})*\$"; maxLength=64

margo *object*

Closed namespace for non-authoritative Margo document preferences and site publication controls.

default={}

actions *object*

Optional site publication controls. PDF publication also retains the Markdown source.

default={}

markdown *boolean*

Retain the original Markdown source and expose copy/view actions in configured HTML sites.

default=false

pdf *boolean | string | object*

Generate a pre-rendered PDF artifact and retain the original Markdown source, or use client browser print without generating a PDF artifact. The object form can include exact chart-data tables in pre-rendered output.

mode *string*

How the PDF action is fulfilled.

enum=["pre-rendered","client"]; default="pre-rendered"

printChartData *boolean*

Include the exact chart-data tables in pre-rendered PDF output.

default=false

page *object*

Optional PDF page preferences overridden by explicit CLI or API values.

default={}

imageOverflow *string*

Controls whether print images are capped at 70% of the page viewport height while preserving their intrinsic aspect ratio.

enum=["limit","allow"]; default="limit"

margins *object*

Optional physical page margins in millimeters; omitted sides retain the target default and explicit zero requests full bleed on that side. PDF documents default to 24/22/26/22 mm while decks default to zero.

bottom *number*

Bottom page margin in millimeters.

minimum=0

left *number*

Left page margin in millimeters.

minimum=0

right *number*

Right page margin in millimeters.

minimum=0

top *number*

Top page margin in millimeters.

minimum=0

orientation *string*

Preferred page orientation.

enum=["portrait","landscape"]; default="portrait"

size *string*

Preferred physical page size.

enum=["A4","Letter"]; default="A4"

modifiedAt *string*

Last-modified timestamp in RFC 3339 form.

format="date-time"

publishedAt *string*

Publication timestamp in RFC 3339 form.

format="date-time"

slug *string*

Optional lowercase, hyphen-separated consumer slug.

pattern="^[a-z0-9]+(?:-[a-z0-9]+)*\$"; maxLength=128

tags *array*

Consumer-visible document tags.

maxItems=64; uniqueItems=true

title *string*

Human-readable document title.

minLength=1; maxLength=256

Used by

- `margo check` when validating Markdown.
- `margo html`, `margo pdf`, and `margo deck`.
- `margo schema document`, which emits the exact embedded bytes.