



# Site schema

This schema describes the top-level `site.yaml` configuration used to build a linked publication: source and output paths, identity, locales, navigation, layouts, and theme settings.

## Margo site configuration v1

Closed YAML/JSON configuration for a Margo documentation site.

### **assets** *string*

Whether generated pages reference copied assets or embed supported assets.

enum=["local","inline"]; default="local"

### **base\_path** *string*

Normalized public path prefix used by routes and canonical URLs.

default="/"; pattern="^(|/.\*)\$"

### **bindings** *object*

Named host binding declarations keyed by semantic provider kind.

### **custom\_css** *array*

Additional local or approved HTTPS stylesheets.

default=[]

```
| *
| | css_url string *
| | minLength=1
```

**frame** *object*

Legacy frame presentation authority; mutually exclusive with layout and shell.

**builtin** *string*

**command** *string*

**go\_module** *object*

**constructor** *string* \*

minLength=1

**import** *string* \*

minLength=1

**values** *object*

**version** *string* \*

minLength=1

**protocol** *string*

**values** *object*

**layout** *object | object | object*

Typed site layout and its closed kind-specific values.

**default** *object*

**content** *object*

**layout** *value*

const="article"

**families** *array*

minItems=1; uniqueItems=true

**navigation** *array*

**shell** *boolean*

**sidebar** *boolean*

**toc** *boolean*

**kind** *value*

const="article"

**values** *object*

**content** *object*

**layout** *value*

const="article"

**family** *string*

minLength=1

**navigation** *array*

**shell** *boolean*

**sidebar** *boolean*

**toc** *boolean*

## **locales** *object*

### **default** *string*

Canonical BCP 47 default locale.

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

### **supported** *array*

Unique canonical BCP 47 locales; must include default.

minItems=1; uniqueItems=true

## **navigation** *object*

### **exclude** *array*

Normalized glob patterns omitted from generated navigation.

uniqueItems=true

### **mode** *string*

Navigation strategy for the configured site.

enum=["file-tree"]; default="file-tree"

## **offline** *boolean*

Keep the generated publication independent of network fetches.

default=true

## **output** *string*

Normalized relative directory receiving the published artifact tree.

default="dist"; minLength=1

**shell** *object*

Legacy shell presentation authority; mutually exclusive with layout and frame.

**builtin** *string*

**command** *string*

**go\_module** *object*

**constructor** *string* \*

minLength=1

**import** *string* \*

minLength=1

**values** *object*

**version** *string* \*

minLength=1

**protocol** *string*

**values** *object*

**site** *object* \*

**base\_url** *string*

Optional absolute HTTPS origin used for canonical URLs and feeds.

format="uri"; pattern="^https://"

**description** *string*

Public site description used in page and social metadata.

**home** *string*

Markdown path below source used as the public home route.

default="index.md"; pattern="^(|.\*\\. (md|markdown))\$"

**icon** *string* \*

Normalized local favicon or site icon path below the config directory.

minLength=1

**logo** *string* \*

Normalized local SVG logo path below the config directory.

minLength=1

**name** *string* \*

Public site name.

minLength=1

**repository\_url** *string*

Optional absolute HTTPS source repository URL.

format="uri"; pattern="^https://"

**social\_image** *object* \*

**alt** *string* \*

Non-empty alternative text for the social preview image.

minLength=1; maxLength=160

**path** *string* \*

Local JPEG or PNG social preview path; Margo validates a 1280x640 image.

minLength=1

**version** *string*

Optional release or development label displayed by the site shell.

maxLength=64

**source** *string* \*

Normalized relative directory containing Markdown sources.

minLength=1

**theme** *object*

**allow\_switch\_theme** *boolean*

default=false

**builtin** *boolean*

default=false

**color\_mode** *string*

enum=["system","light","dark"]; default="system"

**name** *string*

default="modern"; pattern="^[a-z][a-z0-9\_-]{0,63}\$"

**themes** *array*

Additional local or approved HTTPS theme entries.

default=[]

\*

**css\_url** *string* \*

Normalized local stylesheet path or approved HTTPS stylesheet URL.

minLength=1

**name** *string* \*

Lowercase theme identifier.

pattern="^[a-z][a-z0-9\_-]{0,63}\$"

**token\_catalog** *string* \*

Normalized local token catalog path.

minLength=1

**version** *value* \*

Exact site configuration contract version.

const=1

## Used by

- `margo site` and `margo serve`.
- YAML language-server and editor associations for `site.yaml`.
- `margo schema site`, which emits the exact embedded bytes.