Eleventy Static site generator

CONCEPTS

Eleventy turns every template in the input folder into a file in the output folder; data from the cascade is merged in on the way.

Data cascade
↓ merge
Template md, njk, liquid, html
↓ layout
Layout in _includes
↓ write
_site output folder

Layouts and includes live in _includes, global data in _data (both relative to the input folder).

RUNNING

npx @11ty/eleventy
Build the site from the current folder

npx @11ty/eleventy --serve
Build, serve and live-reload

npx @11ty/eleventy --input=_<dir>_
Set the input directory

npx @11ty/eleventy --output=_<dir>_
Set the output directory

npx @11ty/eleventy --watch
Rebuild on file changes, no server

npx @11ty/eleventy --quiet
Reduce console logging

npx @11ty/eleventy --dryrun
Run without writing any files

npx @11ty/eleventy --help
List current commands and flags

FRONT MATTER & LAYOUTS

layout: _<file>_
Wrap this page in a layout

title: _<text>_
Set a page variable

permalink: _<path>_
Choose the output path

FRONT MATTER & LAYOUTS (cont.)

permalink: false
Render but do not write a file

tags: _<name>_
Add the page to a collection

date: _<date>_
Override the date used for sorting

{{ content | safe }}
Output the page body in a Nunjucks layout

{{ page.url }}
URL of the current page

In YAML front matter, quote any value that contains template syntax, e.g. permalink: "{{ title | slugify }}/index.html".

A file named about.md is written to about/index.html unless a permalink says otherwise.

DATA CASCADE

Priority, highest first

Source	Where
`Computed data`	eleventyComputed
`Template front matter`	the page itself
`Template data file`	<page>.11tydata.json
`Directory data file`	<dir>.11tydata.json
`Layout front matter`	layout file
`Config global data`	config API
`Global data file`	_data/*.json|js

data/<name>_**.json**
Global data, available as <name>

data/<dir>_**/**_<name>_**.json**
Nested global data as <dir>.<name>

<dir>**/**_<dir>_**.11tydata.json**
Data shared by templates in a folder

Objects and arrays are deep-merged across the cascade, so tags from a directory file and a page combine.

COLLECTIONS & PAGINATION

collections._<tag>_
All pages carrying that tag

COLLECTIONS & PAGINATION (cont.)

{% for post in collections.post %}
Loop over a collection (Nunjucks)

collections.post | reverse
Newest first (non-mutating filter)

pagination:
Front matter block to split data into pages

  data: _<path>_
Dataset to paginate

  size: _<n>_
Items per generated page

pagination.items
Items on the current page

pagination.pageNumber
Current page index, starts at 0

pagination.href.next
URL of the next page

Collections sort by date ascending by default; ties fall back to the file path.

CONFIG FILE

eleventy.config.js
Config file name
(or .eleventy.js, .mjs, .cjs)

export default function (eleventyConfig) {}
Config entry point (ESM)

export const config = { dir: { input, output } }
Set folders in the config

eleventyConfig.addPassthroughCopy("_<path>_**")**
Copy files to output untouched

eleventyConfig.addFilter("_<name>_**", fn)**
Add a template filter

eleventyConfig.addCollection("_<name>_**", fn)**
Define a custom collection

eleventyConfig.addPlugin(_<plugin>_**)**
Enable a plugin