Tutors
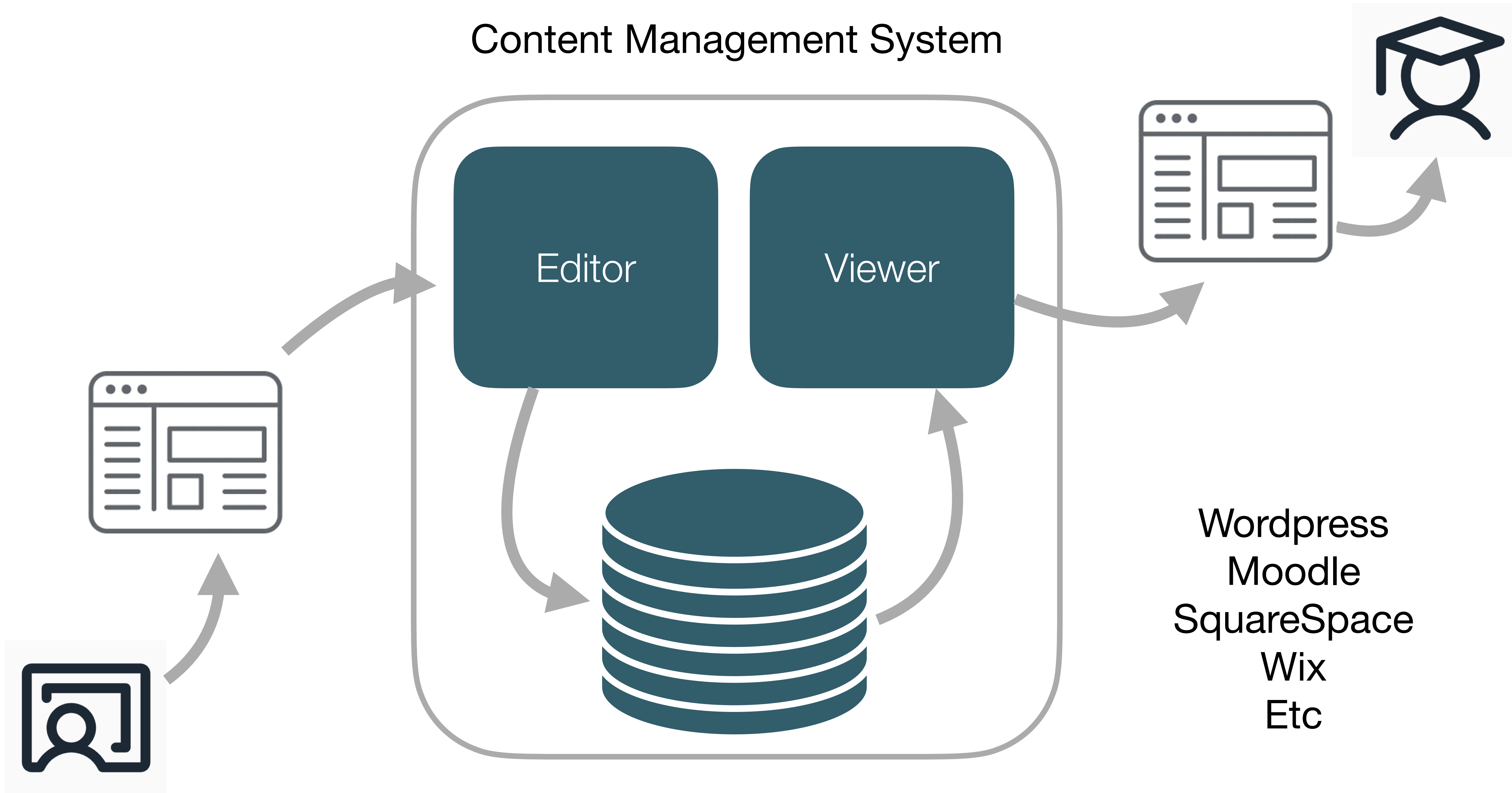

Open Web Learning Toolkit

The Educator Experience

The **Educator Experience** prioritises the creation of a **guided paths** through a curriculum via the creation of learning materials that are **autonomous**, **structurally aligned**, **composable**, **auditable**, **extensible**, **versioned** and **independent**.
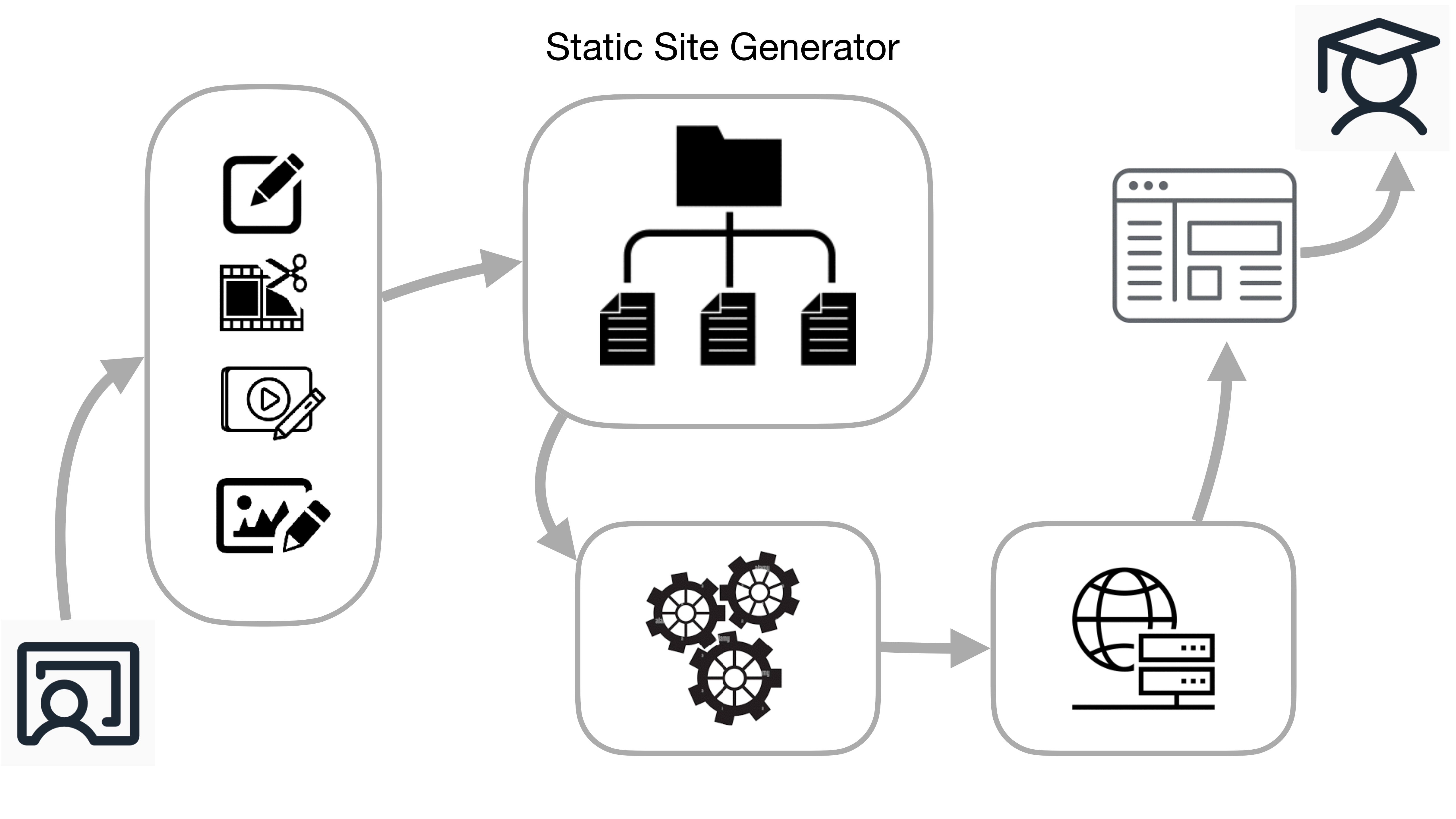
Established models for creating & managing web resources
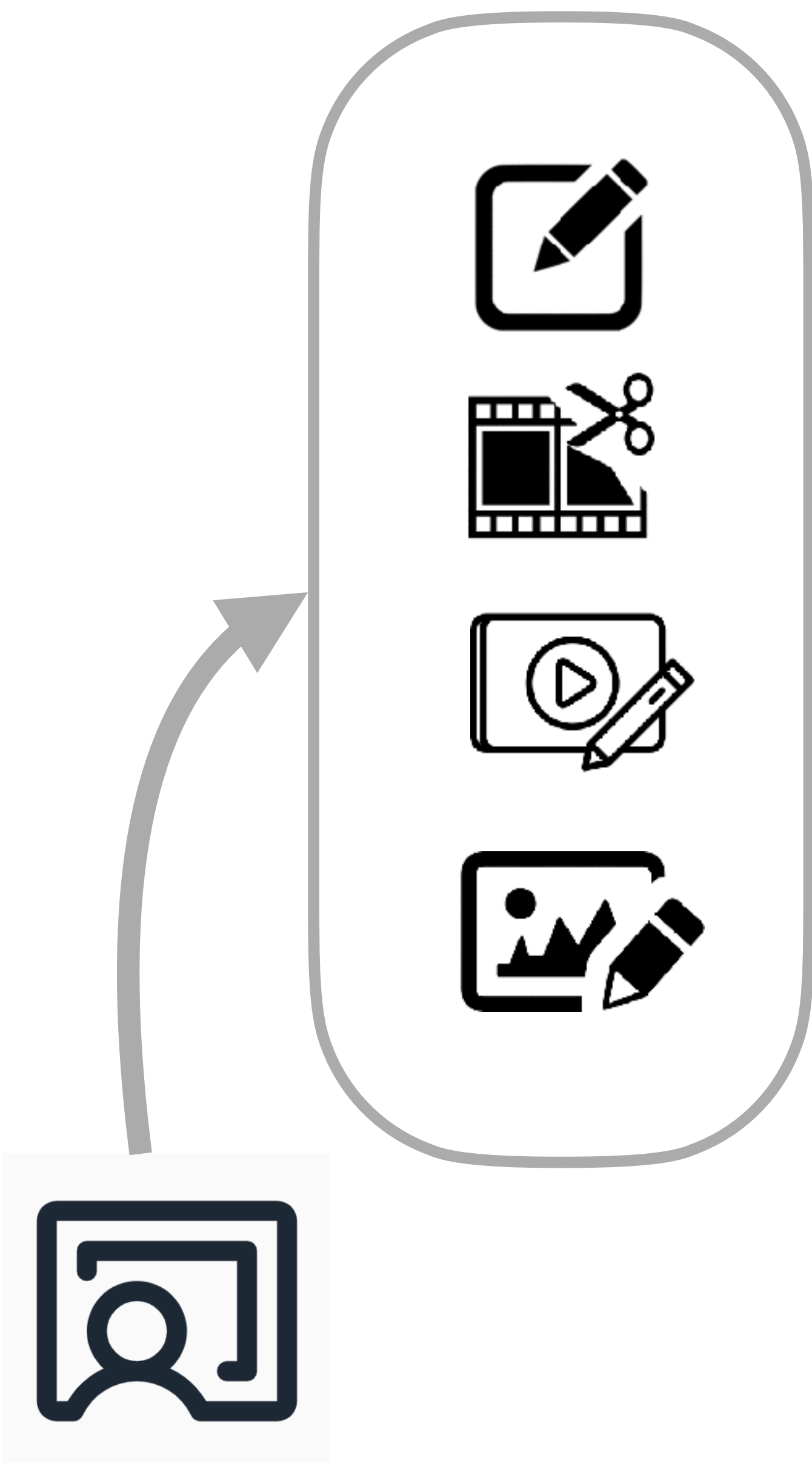
Content Management System

Static Site Generator

Content Management System

Wordpress
Moodle
SquareSpace
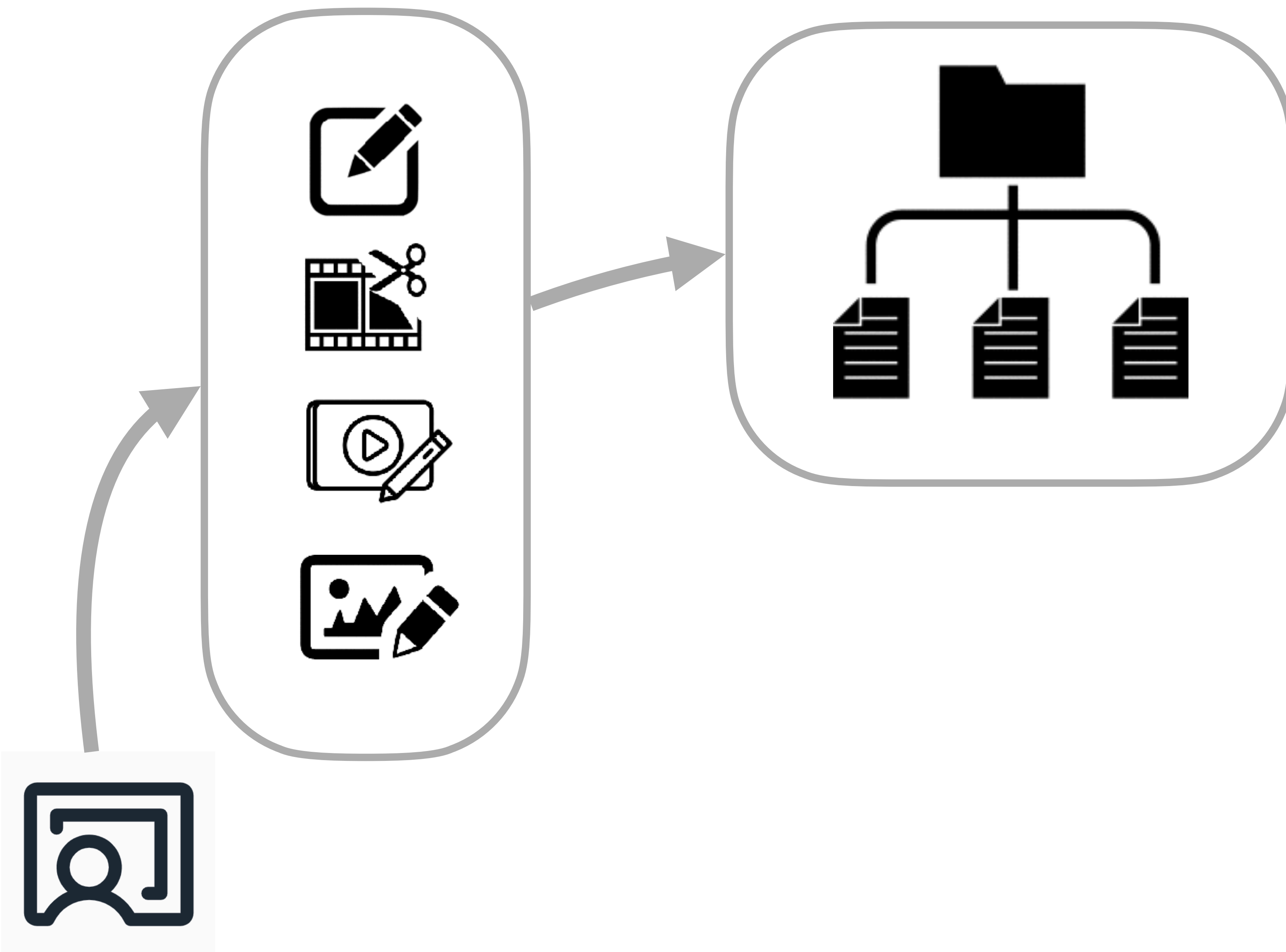Wix
Etc

Static Site Generator

Use whatever tools you like:

- Editors
- Graphic Production
- Icon Sets
- Media

Emphasis on

- Markdown formatted documents
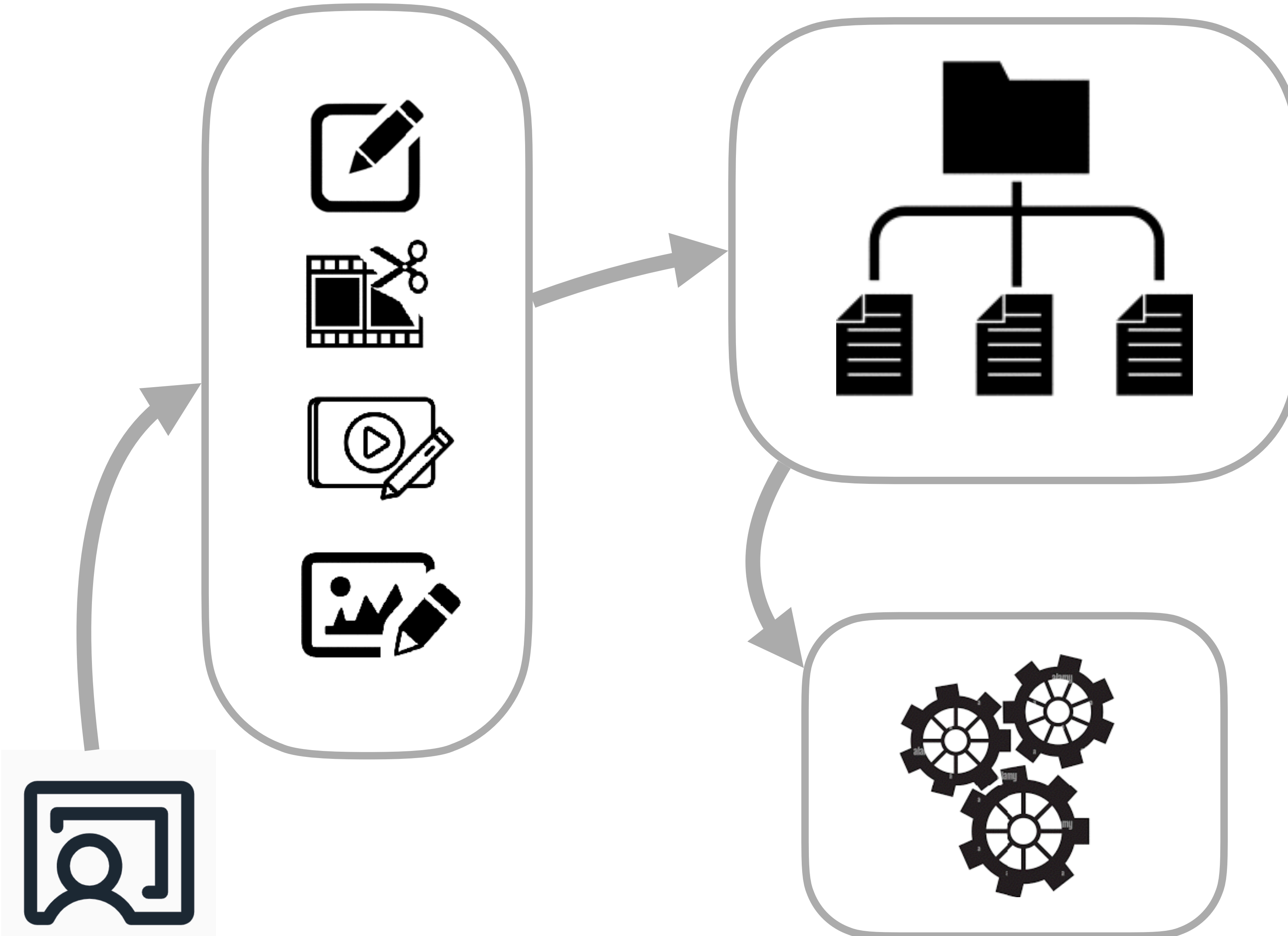- Latex compatible markdown
- PDFs
- Video Players

Content organised into Files & Folders on local HD

- Nested folder reflects course structure
- Adopt sensible naming conventions & file patterns
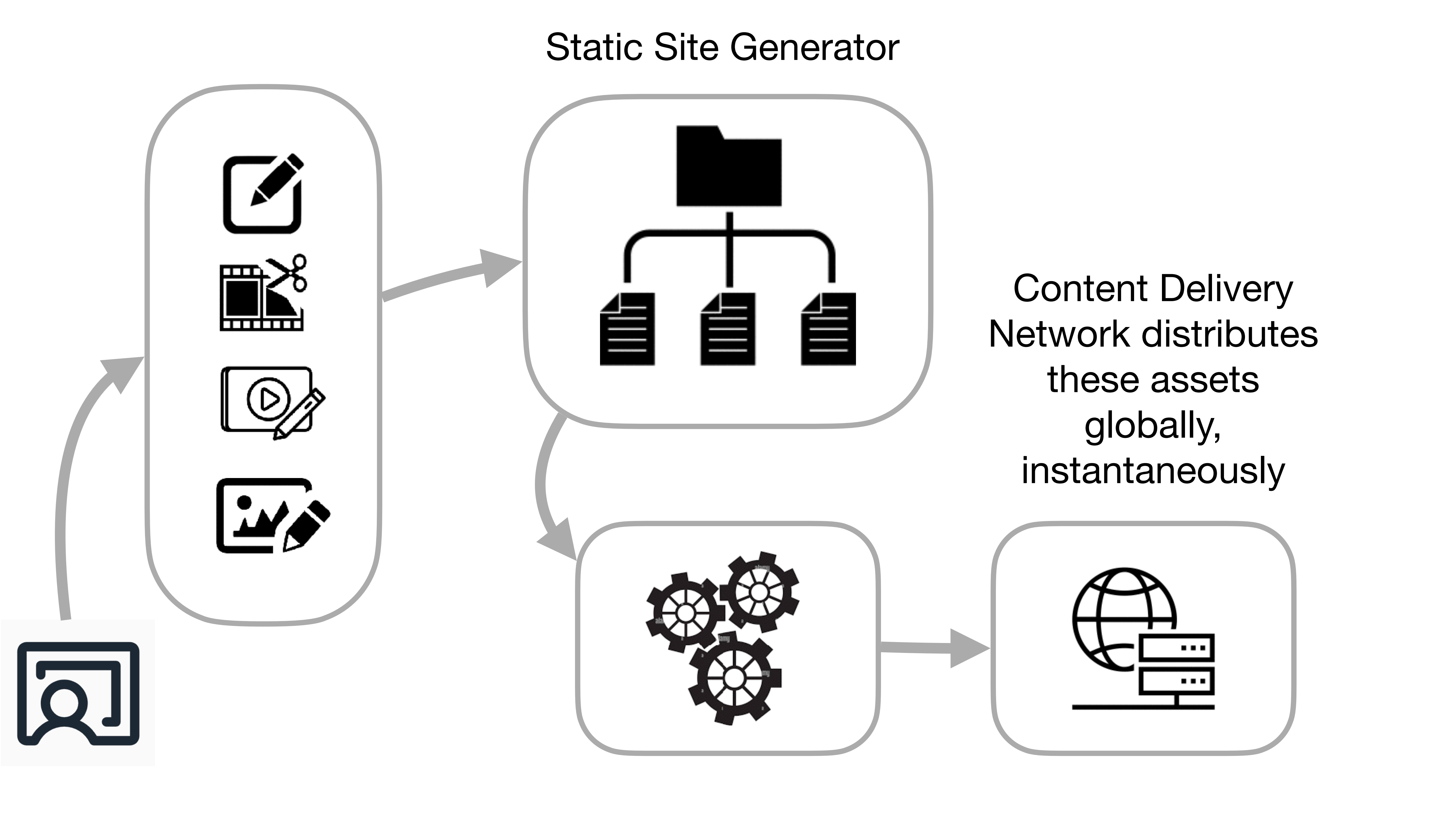- Media & links

Can be versioned and stored anywhere

- Github
- Bitbucket
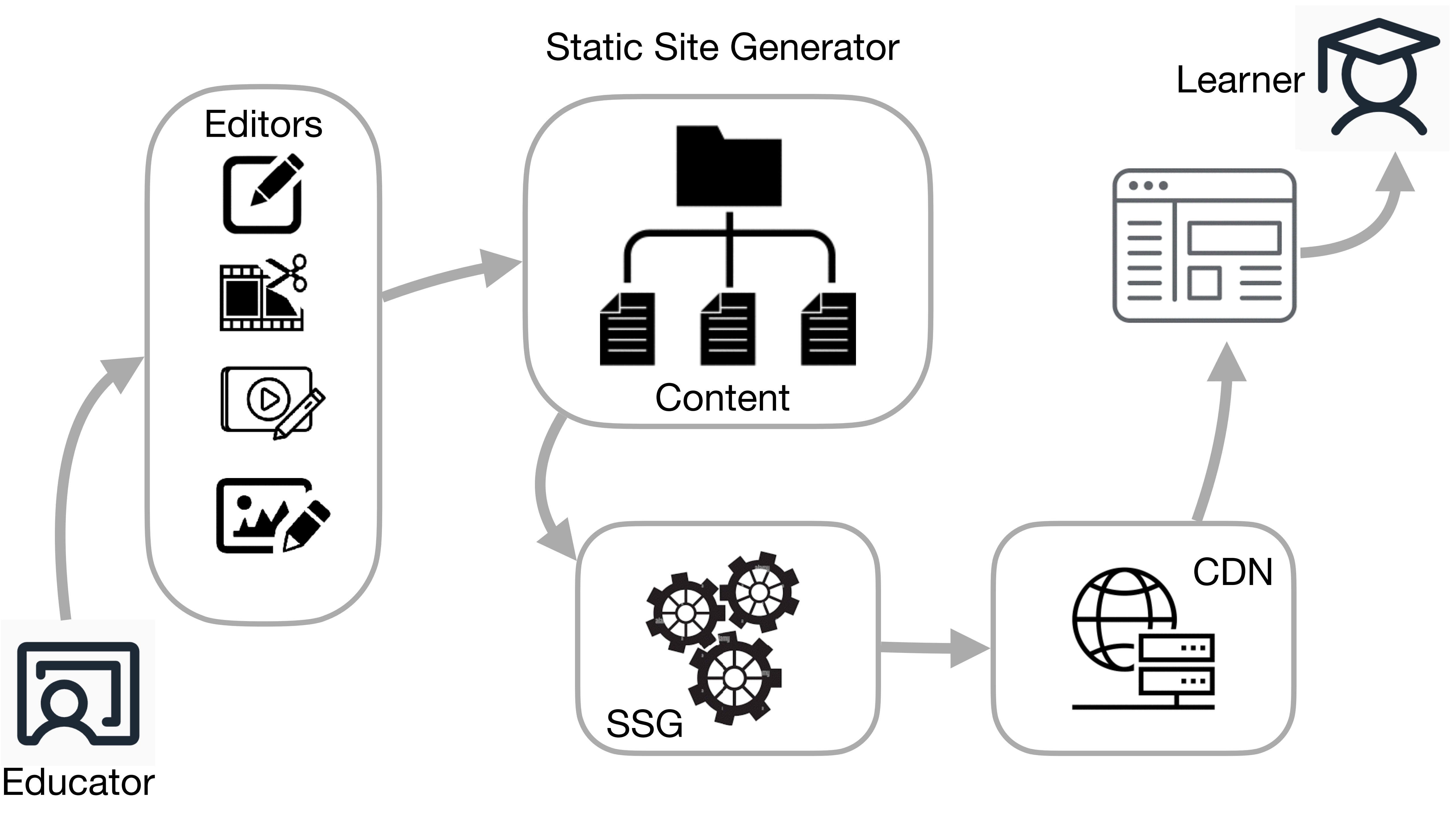- OneDrive
- Dropbox

Static Site Generator

Static Site Generator ingests course structure:

- Produces a set of assets
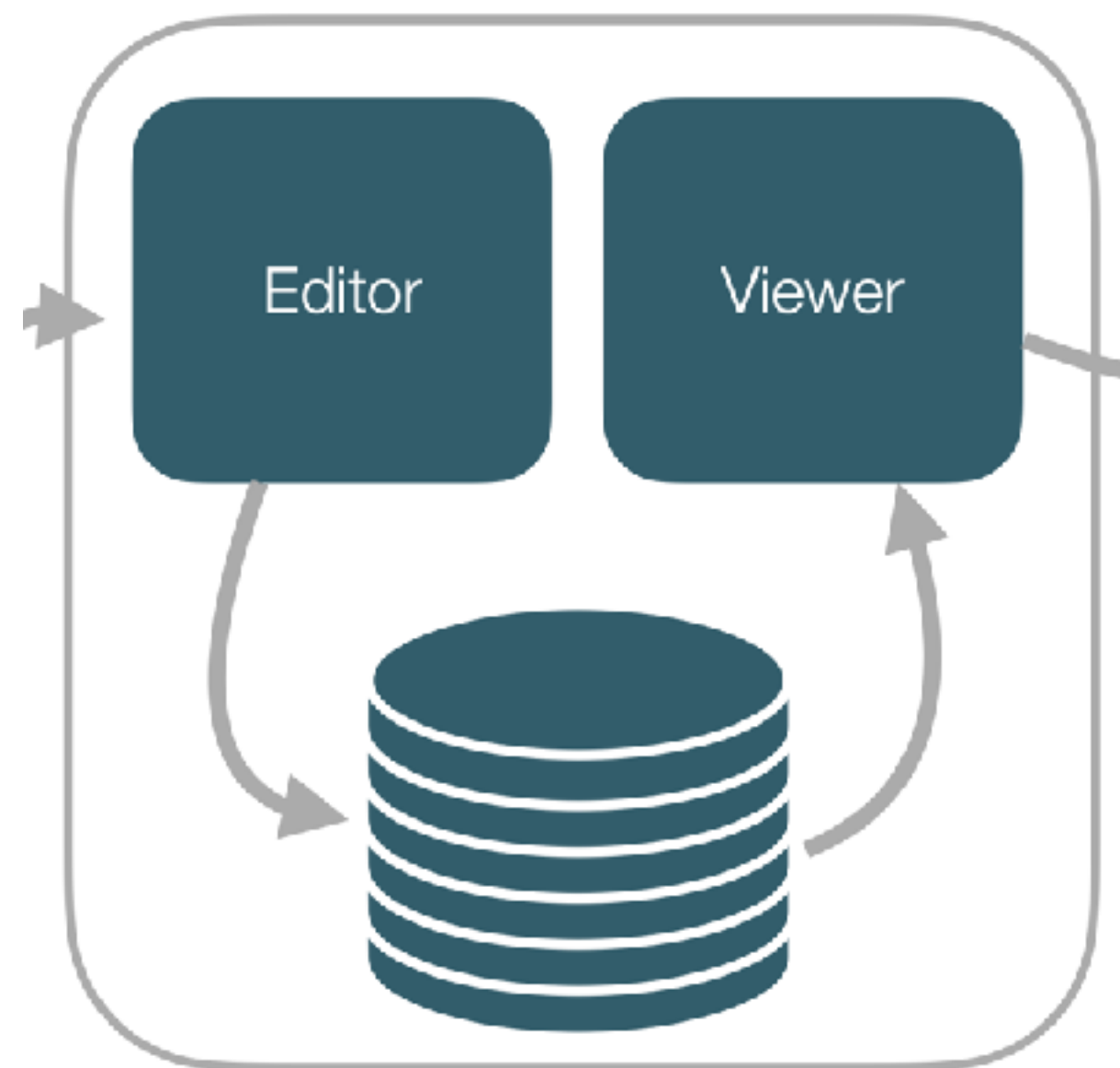- Can be directly loaded by a browser
- Can be rendered by a Web Application

Static Site Generator

Content Delivery Network distributes these assets globally, instantaneously

Static Site Generator

Editors

Learner

Content

Educator

SSG

CDN

Content Management Systems

- Course material 'atomised' into opaque database
- Dependent on CMS, which must be hosted, secured, patched & maintained
- Courses must be 'migrated' each academic year, a painful process
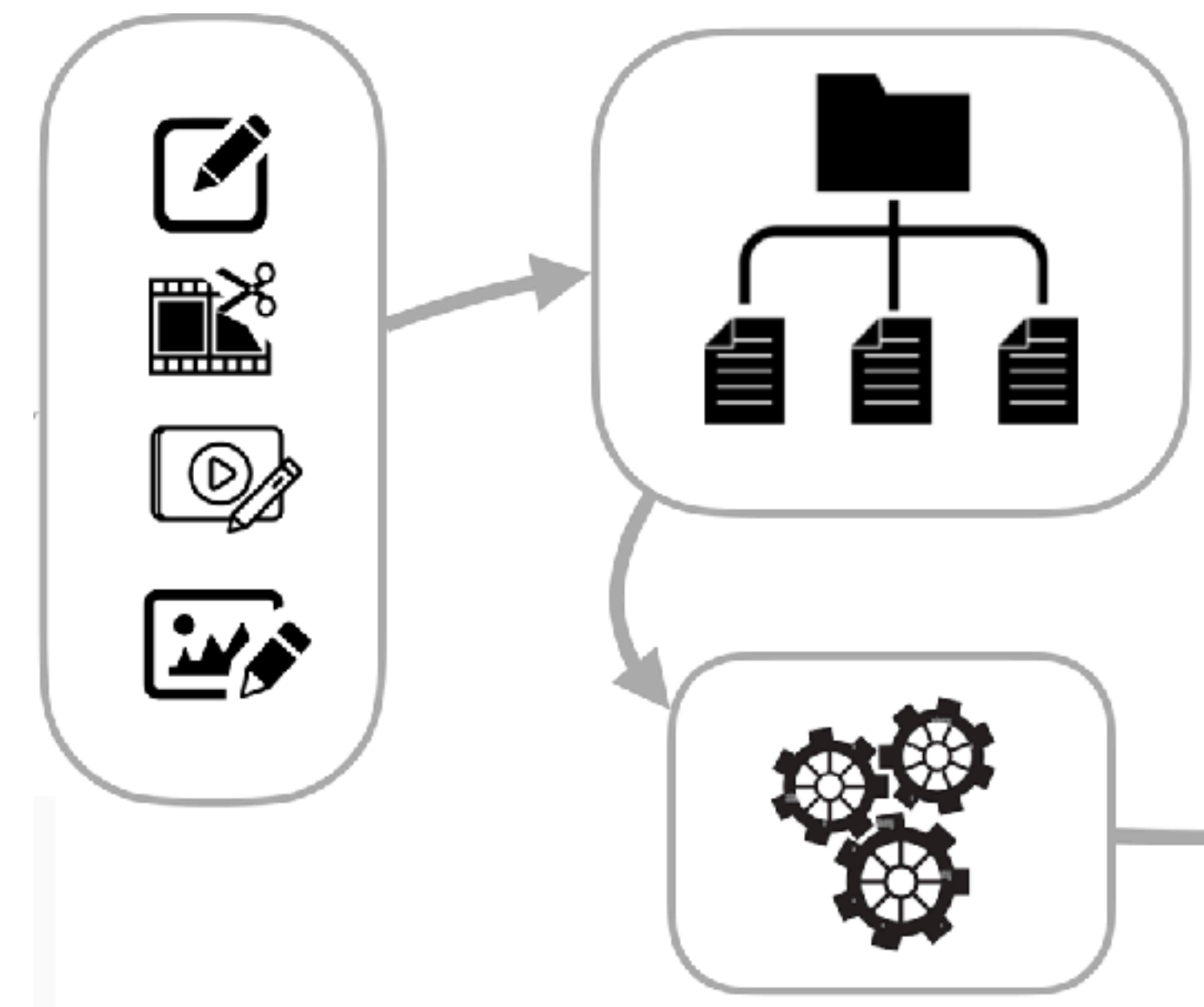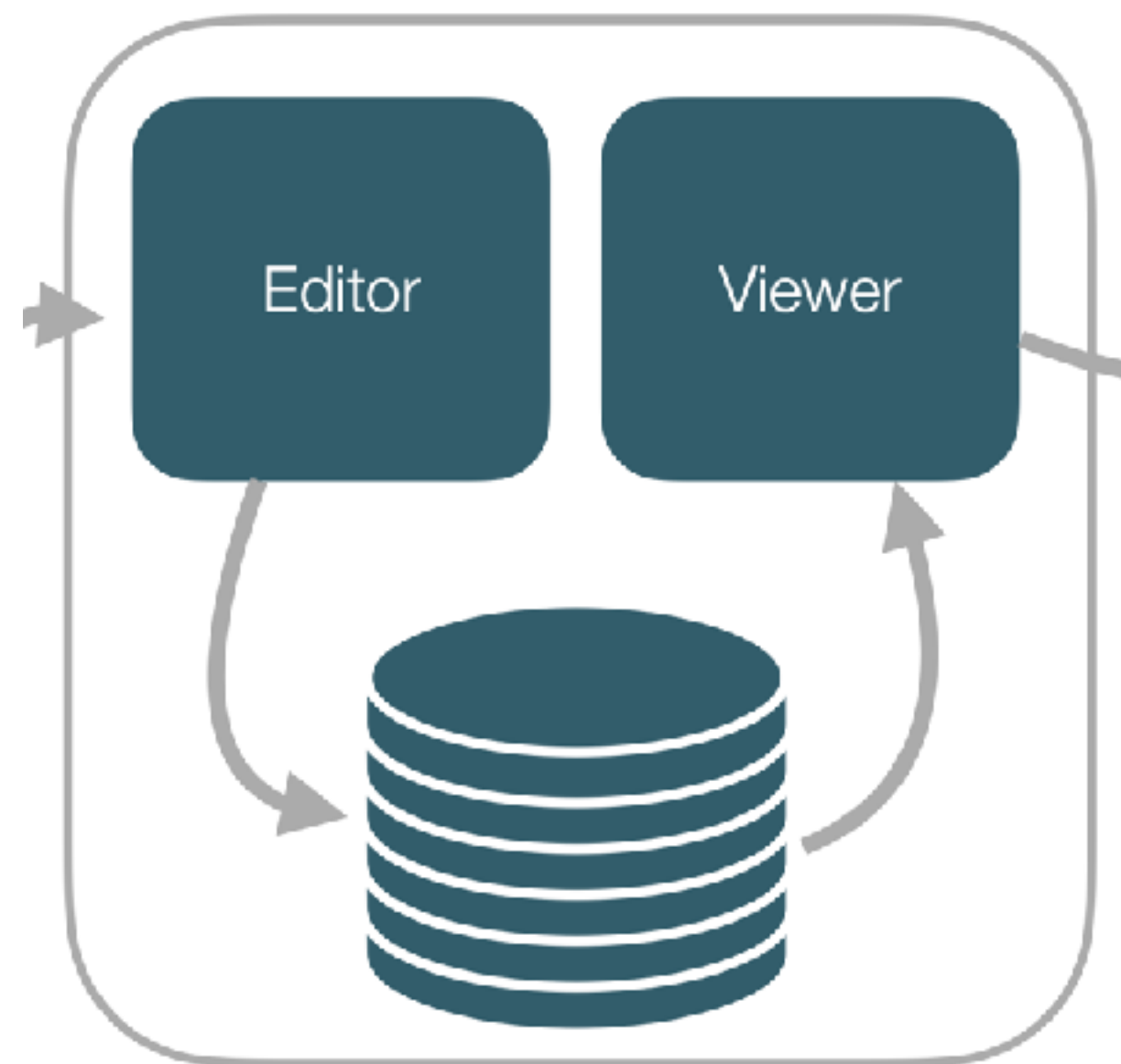- Highly restricted, often proprietary, design palette

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Static Sit Generators

- Course material hand crafted be structurally aligned to course learning paths
- Complete independence, there is no 'server' to be maintained
- Course 'source' can be managed & versioned (Github)
- New tools can be onboarded as needed

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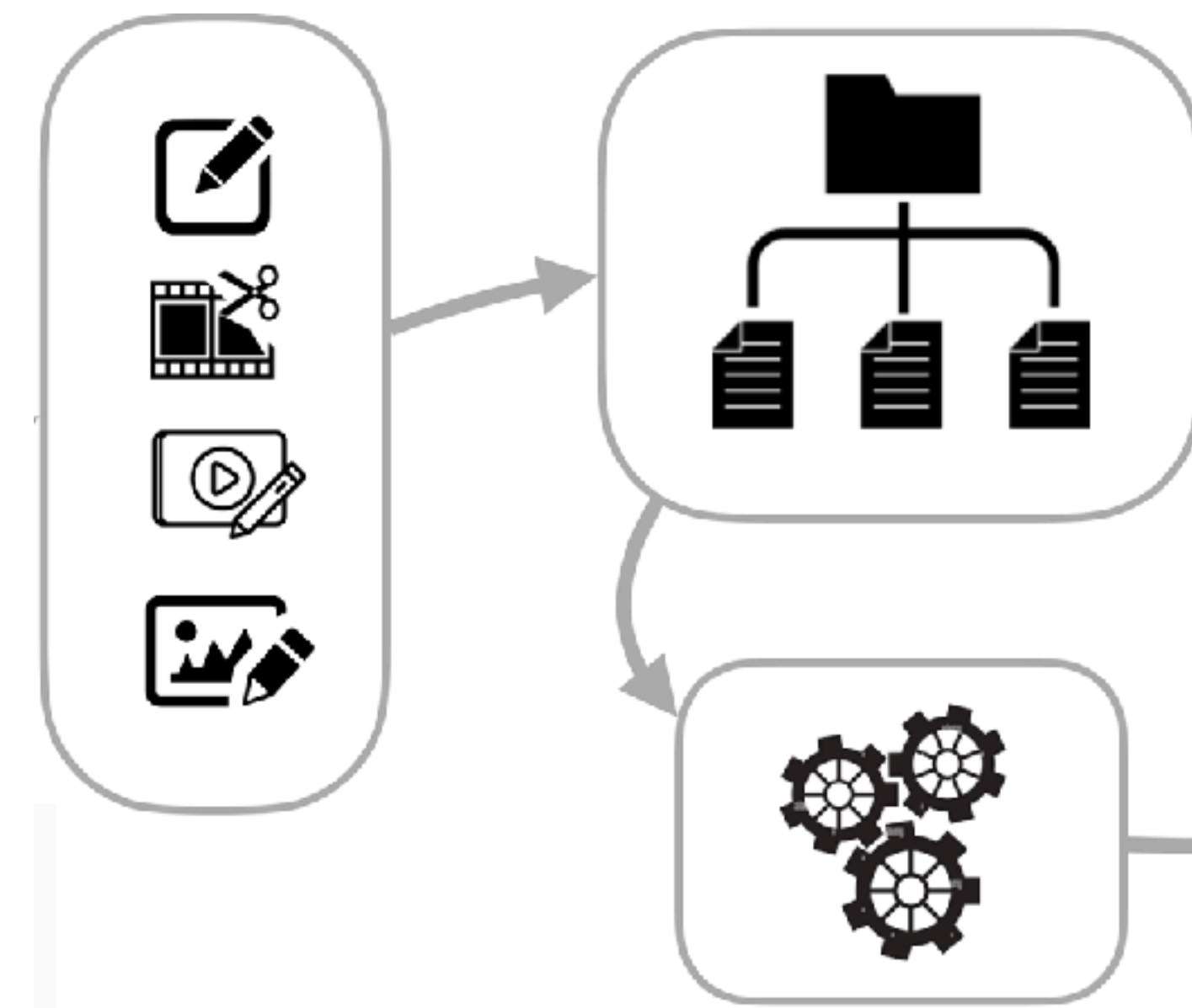
Static Sit Generators

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Eleventy

★ 12232   ⑂ 356   ⓘ 433

A simpler static site generator

Language: JavaScript
Templates: Liquid, Nunjucks, Handlebars, Mustache, EJS, Haml, Pug, JavaScript, HTML, Markdown

License: MIT

Deploy to Netlify

Bookdown (R)

★ 2983   ⑂ 1106   ⓘ 163

An eBook authoring platform that generates GitBook-styled static sites

Language: R
Templates: R, R Markdown
License: GPL-3.0-only

Slate

★ 34179   ⑂ 19805   ⓘ 40

Beautiful static documentation for your API

Language: Ruby
Templates: Markdown
License: Apache-2.0

Deploy to Netlify

Docusaurus

★ 34000   ⑂ 4835   ⓘ 154

Build optimized websites quickly, focus on your content

Language: JavaScript
Templates: React, Markdown
License: MIT

Deploy to Netlify

GitBook

★ 24776   ⑂ 3508   ⓘ 0

A modern publishing toolchain. Simply taking you from ideas to finished, polished books.

Language: JavaScript
Templates: Jinja2
License: Apache-2.0

Metalsmith

★ 7736   ⑂ 621   ⓘ 25

An extremely simple, pluggable static site generator.

Language: JavaScript
Templates: Handlebars, Any JS
License: MIT

Deploy to Netlify

Jekyll

★ 44851   ⑂ 9181   ⓘ 87

A simple, blog-aware, static site generator.

Language: Ruby
Templates: Liquid
License: MIT

Deploy to Netlify

MkDocs

★ 14334   ⑂ 1944   ⓘ 120

Project documentation with Markdown.

Language: Python
Templates: Jinja2
License: BSD-3-Clause

Deploy to Netlify

Sphinx

★ 4655   ⑂ 1591   ⓘ 922

A tool that makes it easy to create intelligent and beautiful documentation, written by Georg Brandl.

Language: Python
Templates: Jinja2
License: BSD-2-Clause

VuePress

★ 20450   ⑂ 4424   ⓘ 450

Vue-powered Static Site Generator

Language: JavaScript
Templates: Vue
License: MIT

Deploy to Netlify

Gatsby

★ 53071   ⑂ 10019   ⓘ 120

Build blazing fast, modern apps and websites with React

Language: JavaScript
Templates: React
License: MIT

Hexo

★ 34922   ⑂ 4202   ⓘ 75

Hexo is a fast, simple and powerful blog framework.

Language: JavaScript
Templates: EJS, Pug, Haml, Swig, Nunjucks, Mustache, Handlebars, Twig, Marko

License: MIT

Deploy to Netlify

Docsify

★ 20908   ⑂ 4892   ⓘ 158

A magical documentation site generator.

Language: JavaScript
Templates: Markdown, Vue
License: MIT

Hugo

★ 59525   ⑂ 6304   ⓘ 555

A Fast and Flexible Static Site Generator.

Language: Go
Templates: Go
License: Apache-2.0

Deploy to Netlify

Popular Static Site Generators

https://jamstack.org/generators/

https://tutors.dev/

Tutors: An Open Learning Web Toolkit

A collection of open source components & services supporting the creation of transformative learning experiences using open web standards.

EXPLORE

The project supports three complimentary perspectives

The Learner Experience

The *Learner Experience* prioritises web interactions that are **engaging**, **contextual**, **linkable**, **searchable**, **accessible** and **responsive**. In addition the experience should foster a sense of **community** and **connection** among fellow learners.

The Educator Experience

The *Educator Experience* prioritises the creation of a **guided paths** through a curriculum via the creation of learning materials that are **autonomous**, **structurally aligned**, **composable**, **auditable**, **extensible**, **versioned** and **independent**.

The Developer Experience

The *Developer Experience* prioritises the specification and implementation of **robust**, **well documented**, **loosely coupled components & services**, integrated into a **coherent toolkit** open to contributions from **diverse skill sets**.