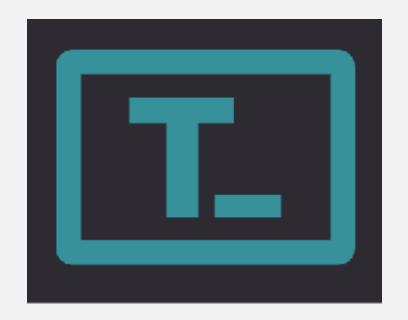
# Tutors

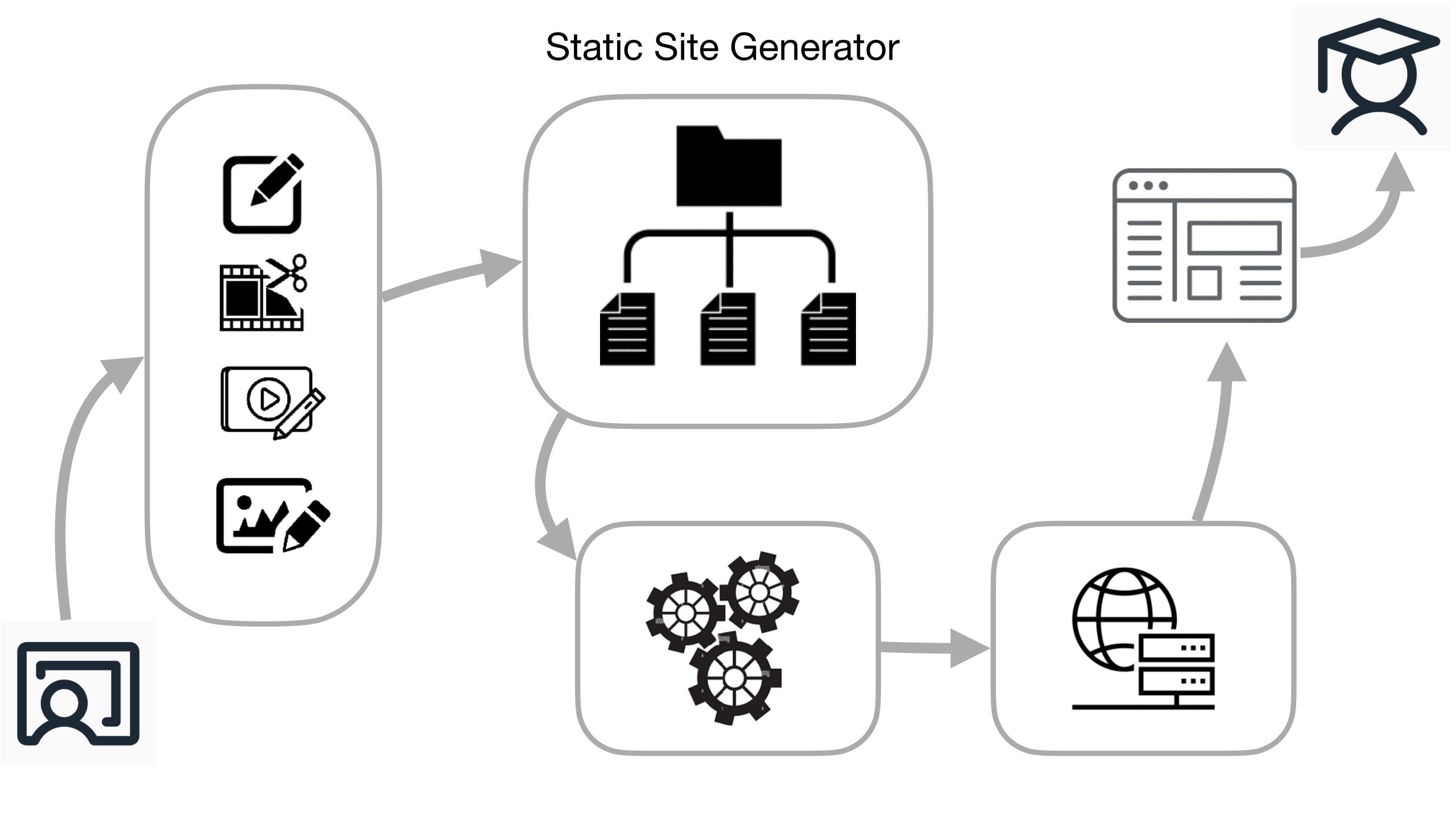


Open Web Learning Toolkit

## 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**.



# Semantic Naming

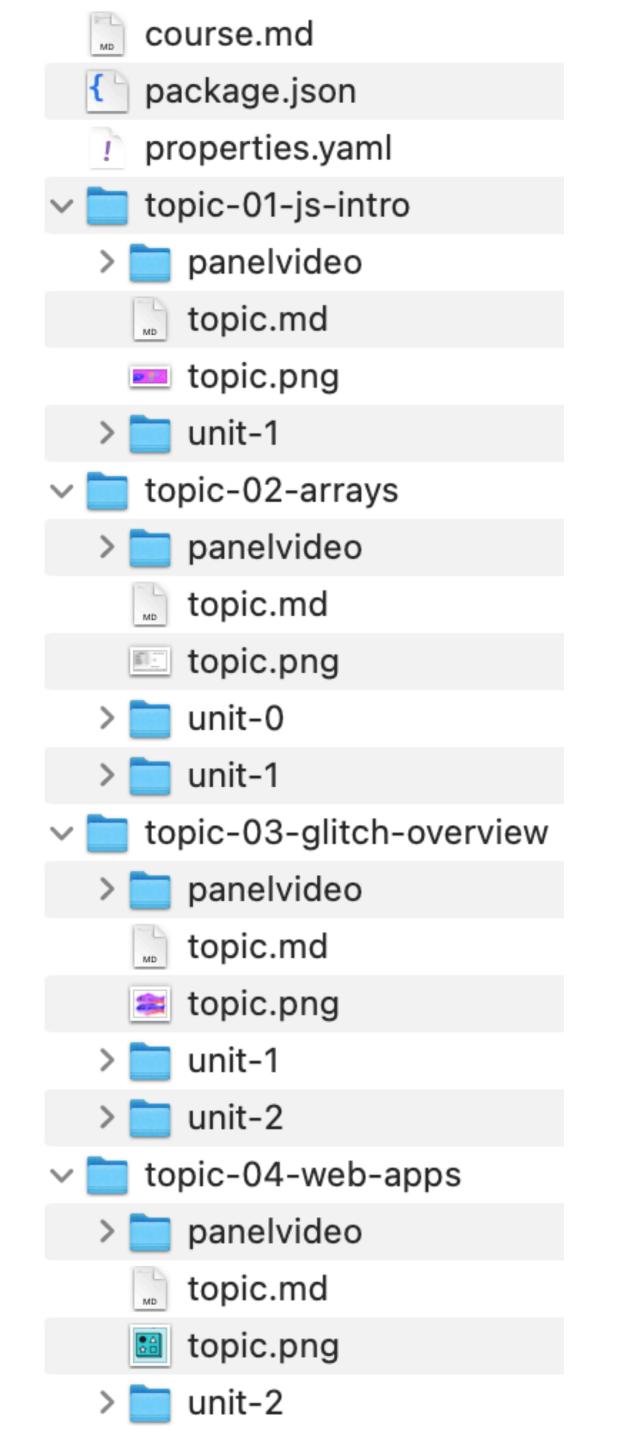
panelvideoXXX -> *Video* 

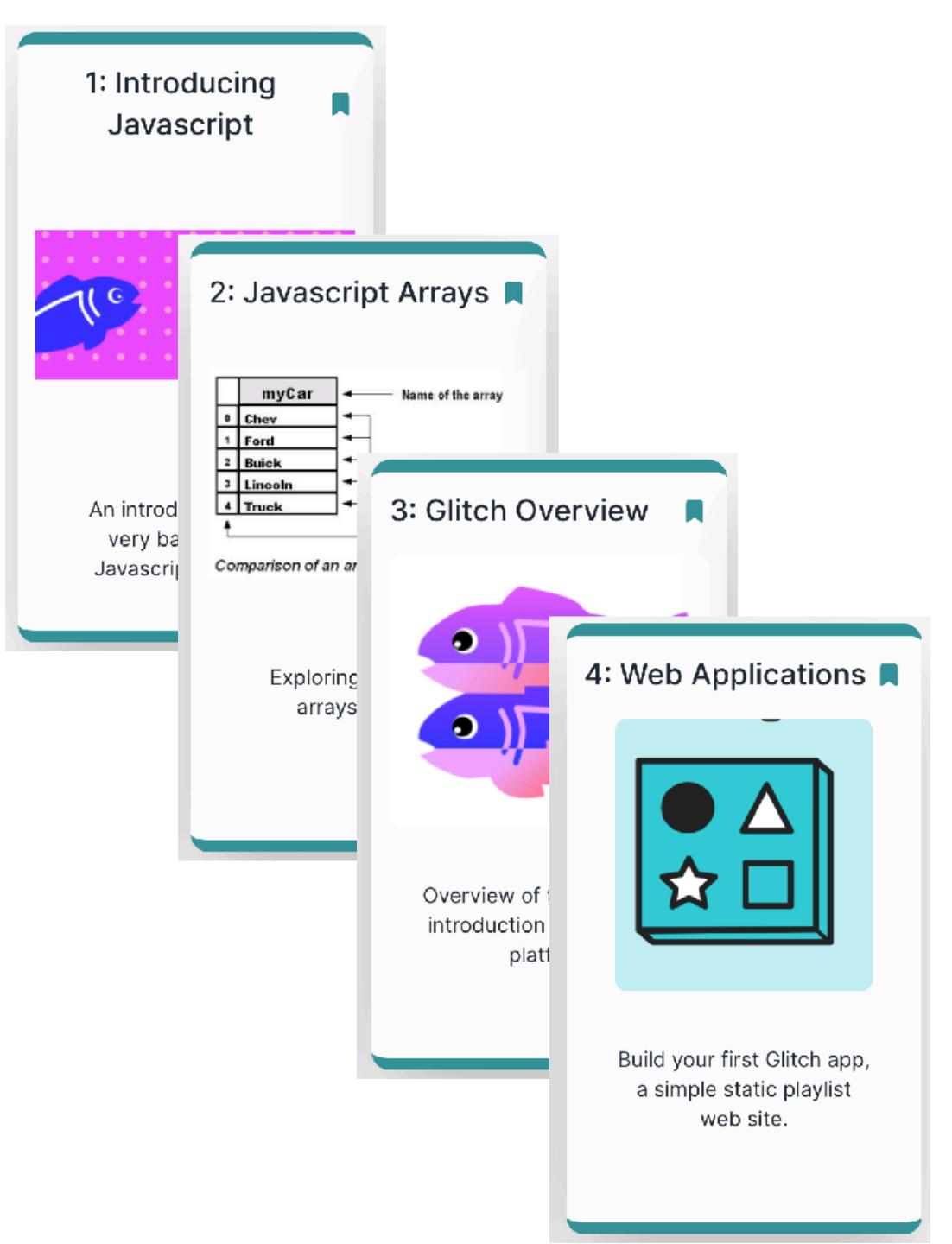
unit-XXX -> related resources

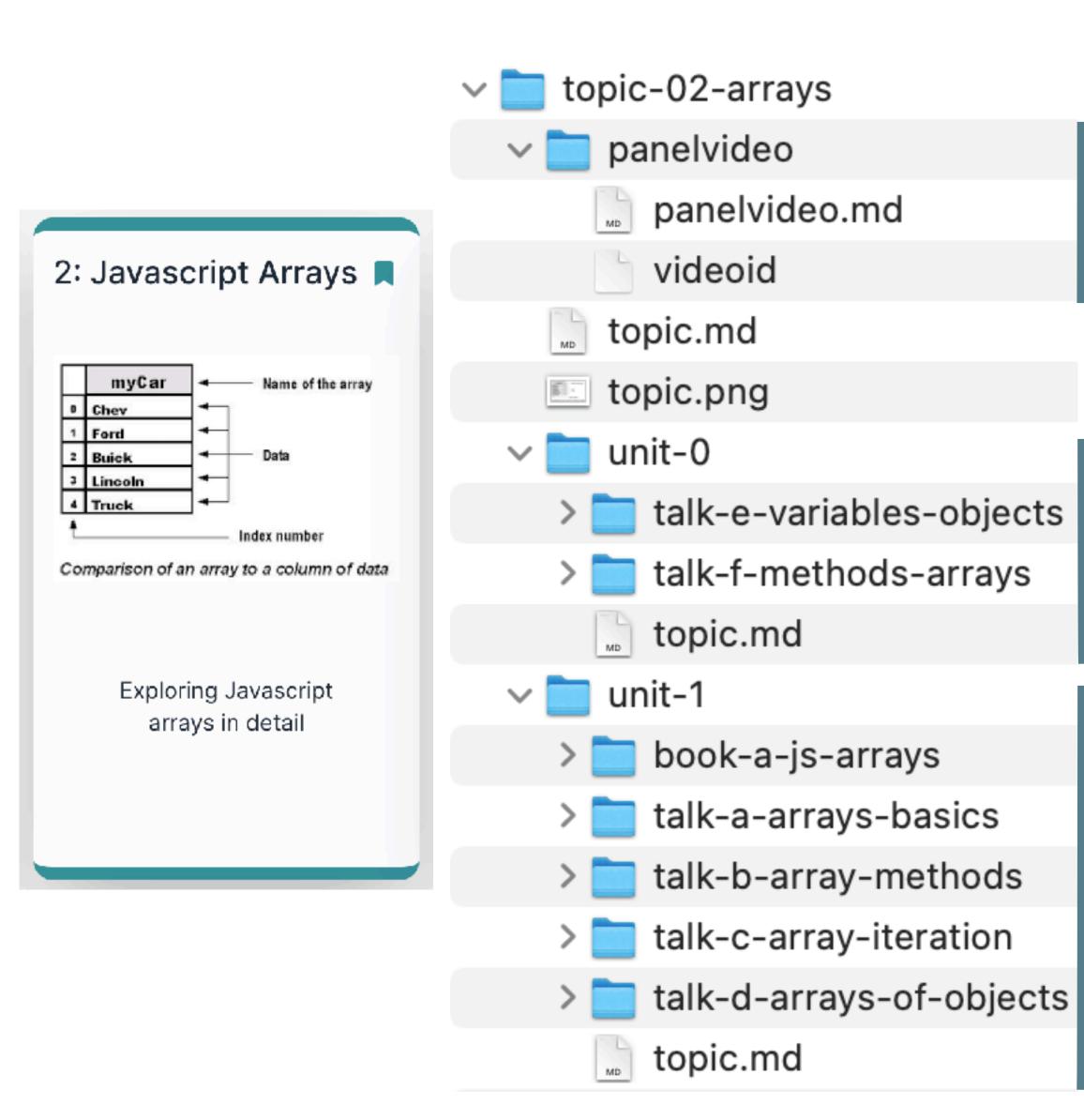
topicXXX -> topic

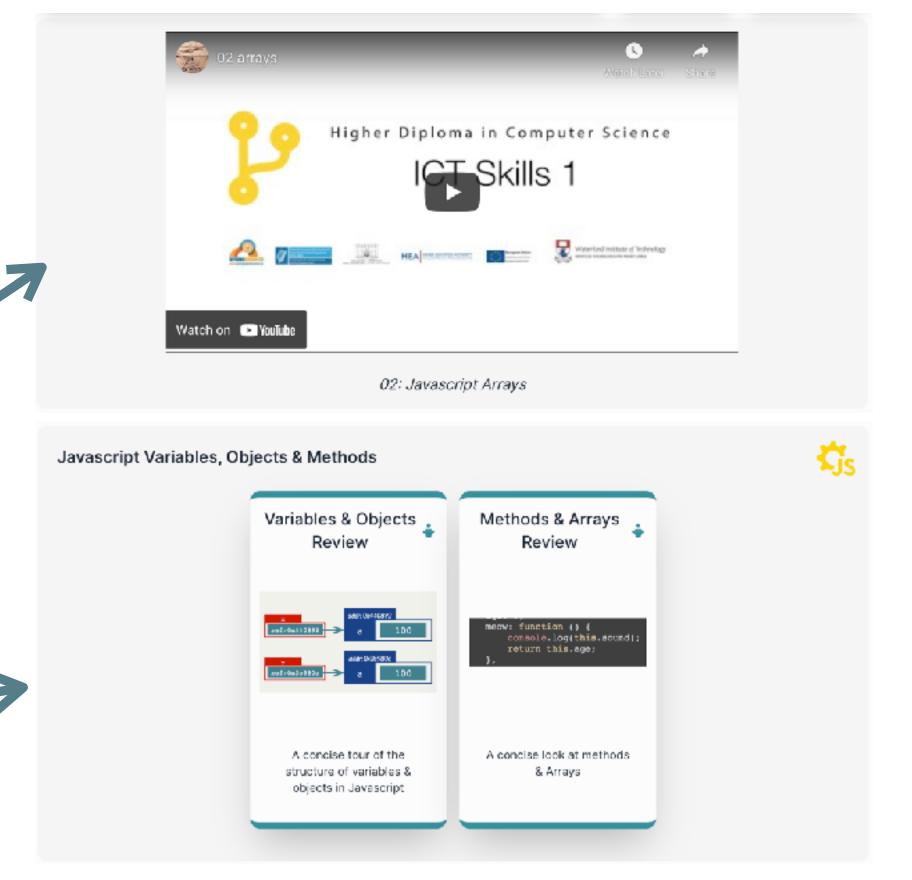
bookXXX -> *lab* 

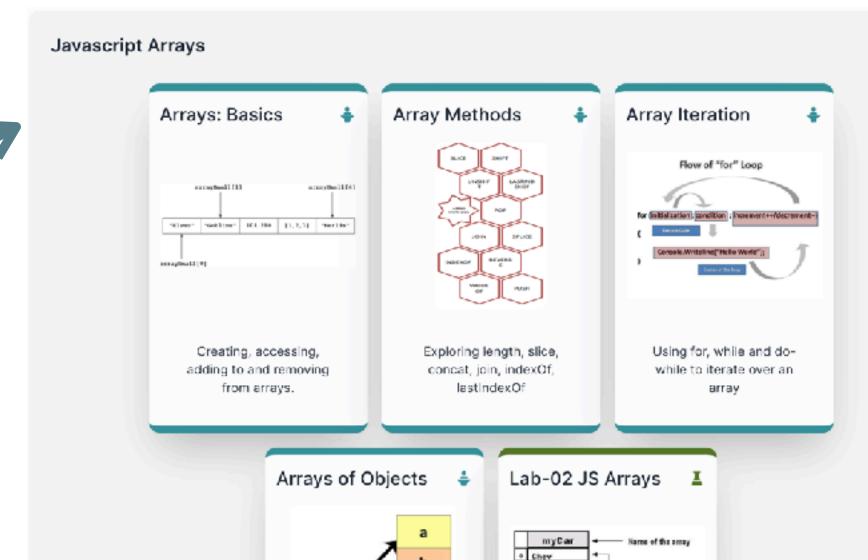
talkXXX -> pdf/slides

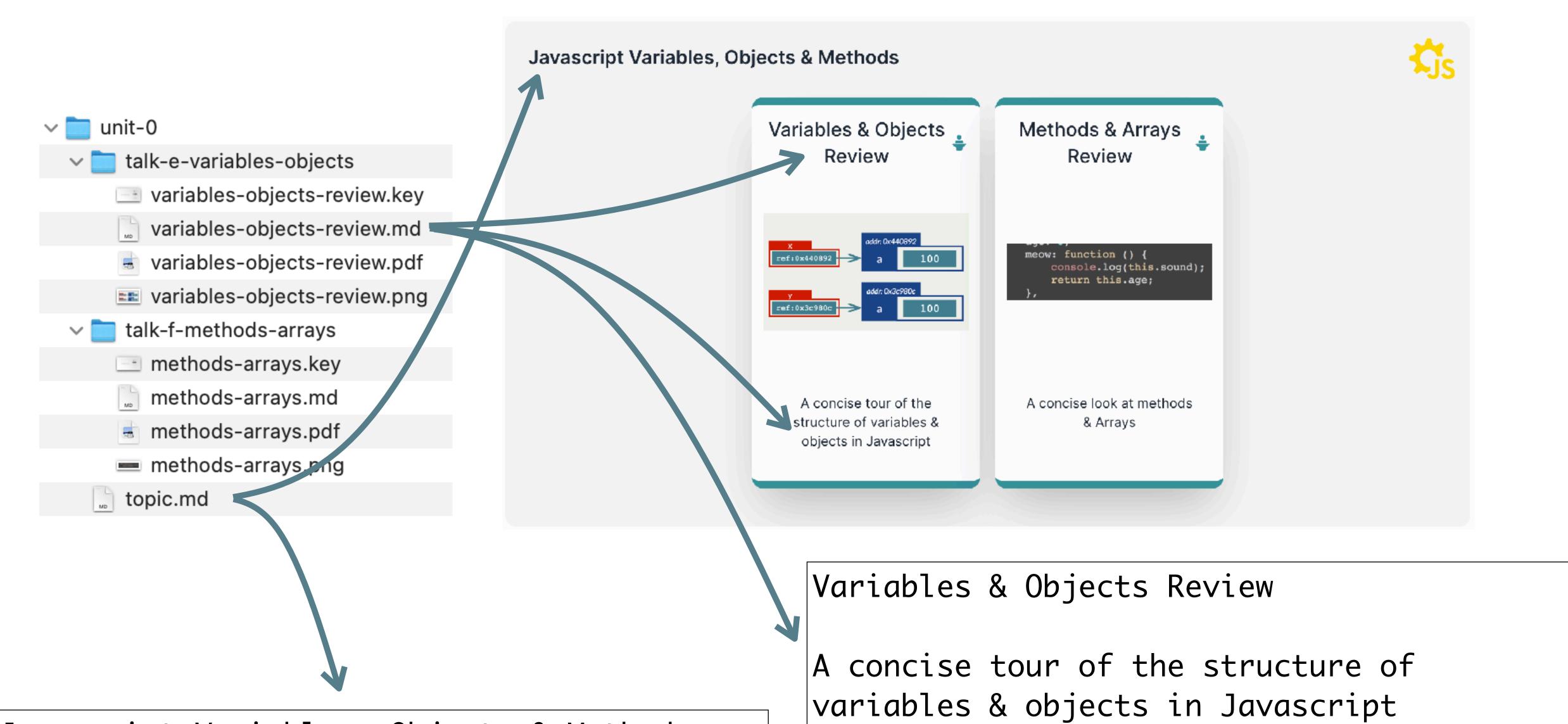








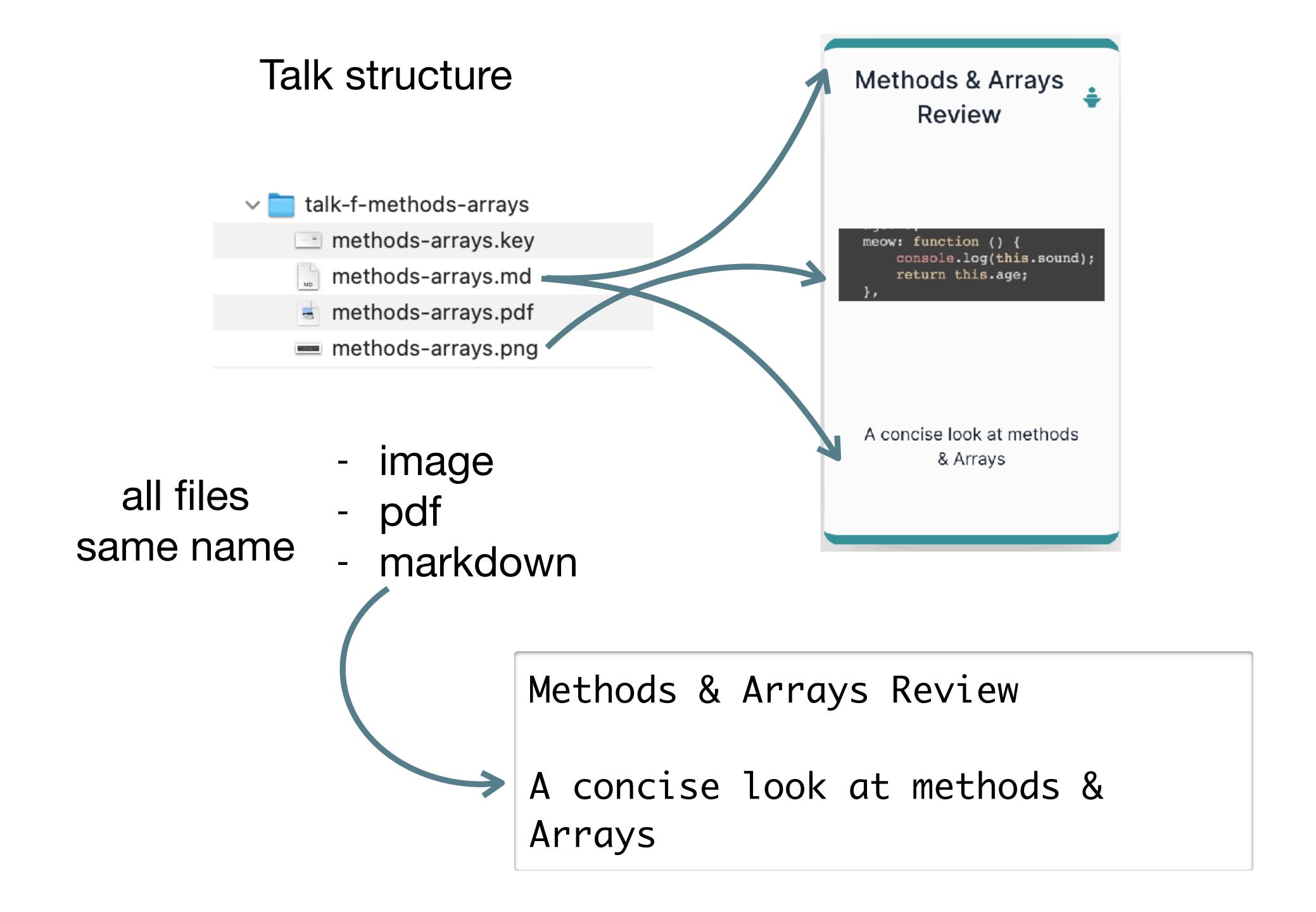




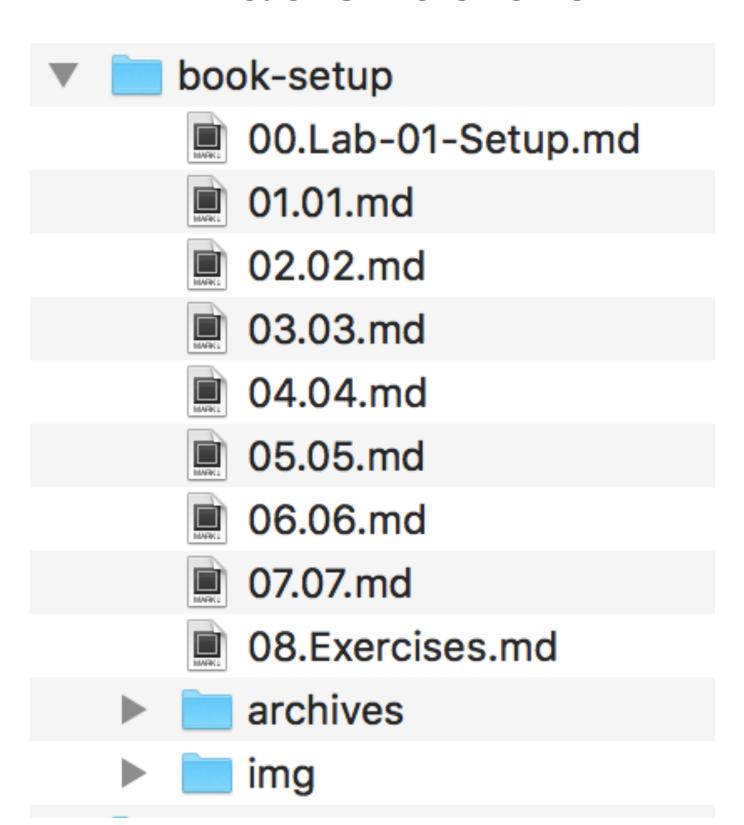
Javascript Variables, Objects & Methods

variables-objects-review.md

topic.md



## Lab structure



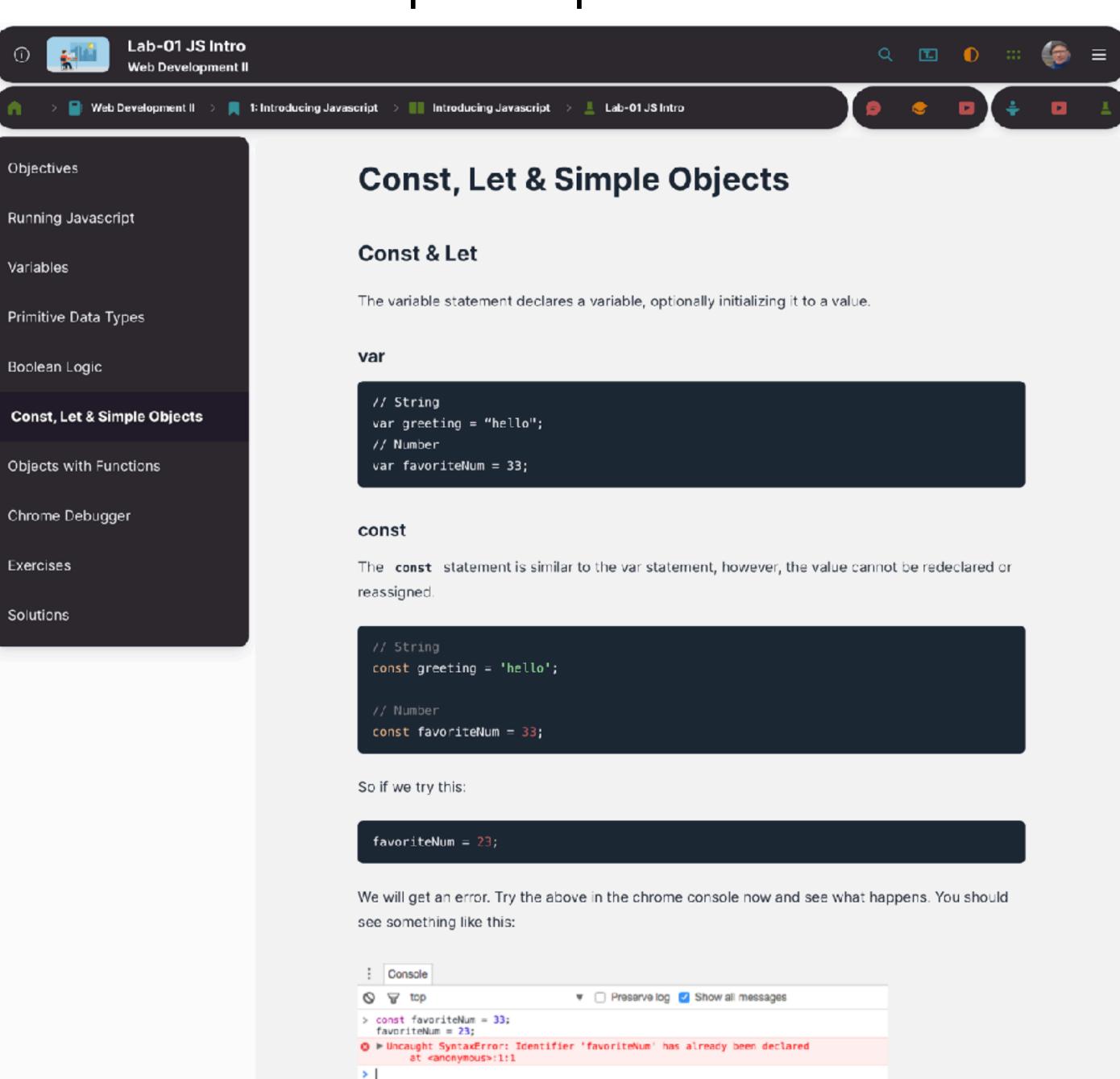
# img

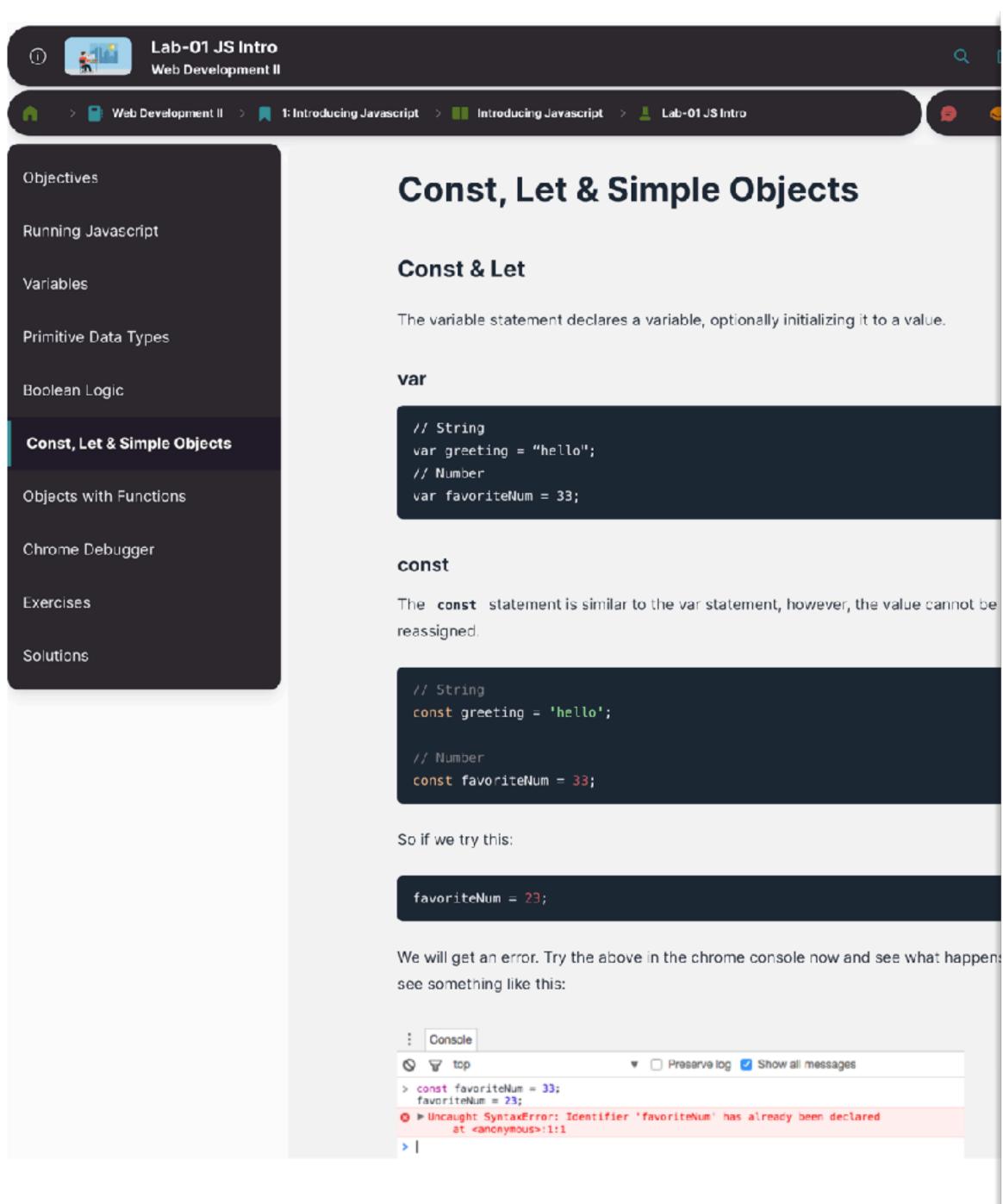
- images used in lab

## archives

- zipped archive linked to in labs

# One md file per step





```
# Const, Let & Simple Objects
```

## Const & Let

The variable statement declares a variable, optionally initializing it to a value.

```
### var
```

```
~~~javascript
// String
var greeting = "hello";
// Number
var favoriteNum = 33;
```

# Each Lab written in Markdown

### const

~~~

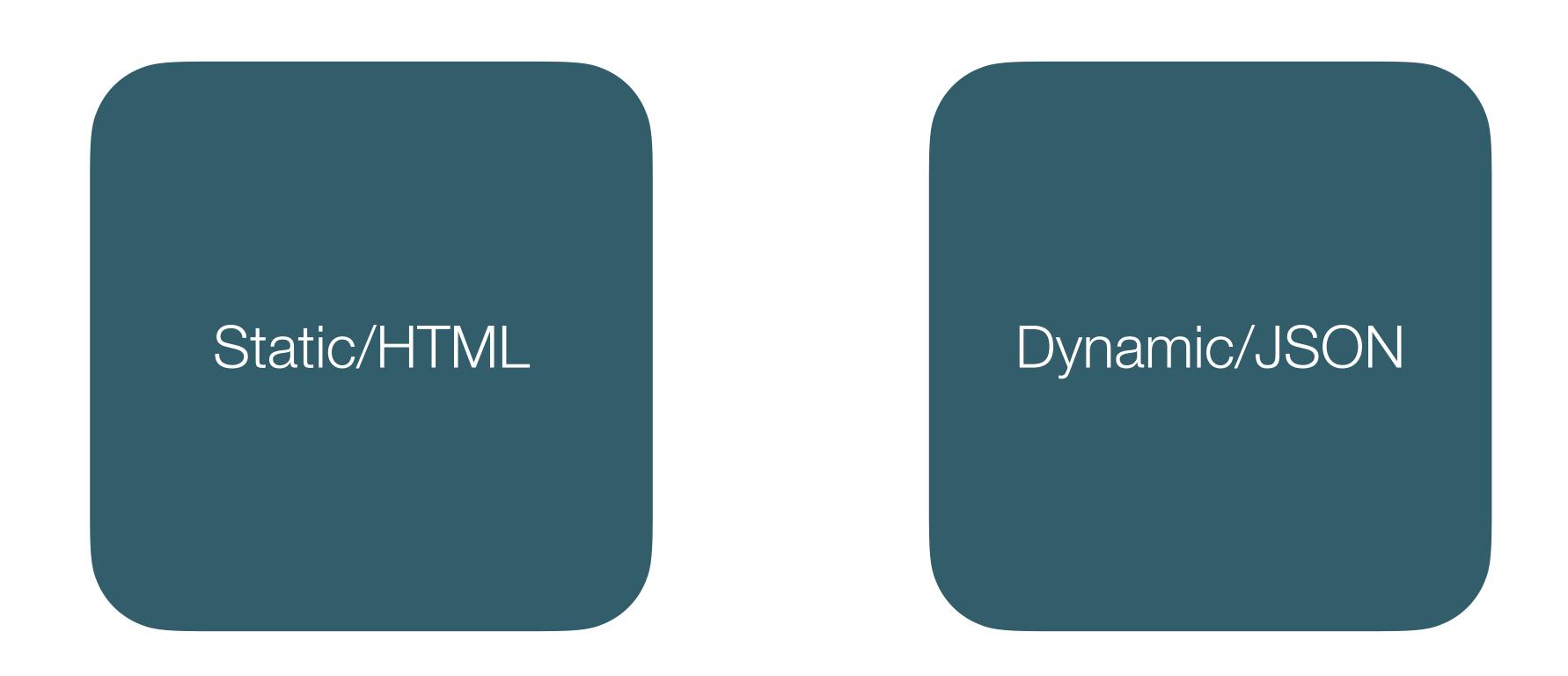
~~~

The `const` statement is similar to the var statement, however, the value cannot be redeclared or reassigned.

```
~~~javascript
// String
const greeting = 'hello';

// Number
const favoriteNum = 33;
```

# 2 Ways of Publishing a Module



## Static/HTML



- Static Site
- Can be browsed offline (distribute zipped archive of course)
- Format 'frozen' at time of generation
- No analytics or presence features

# Dynamic/JSON

- Dynamic Site
- Browser through the Tutors Reader app
- Continuously updated and enhanced
- Included optional analytics or presence features

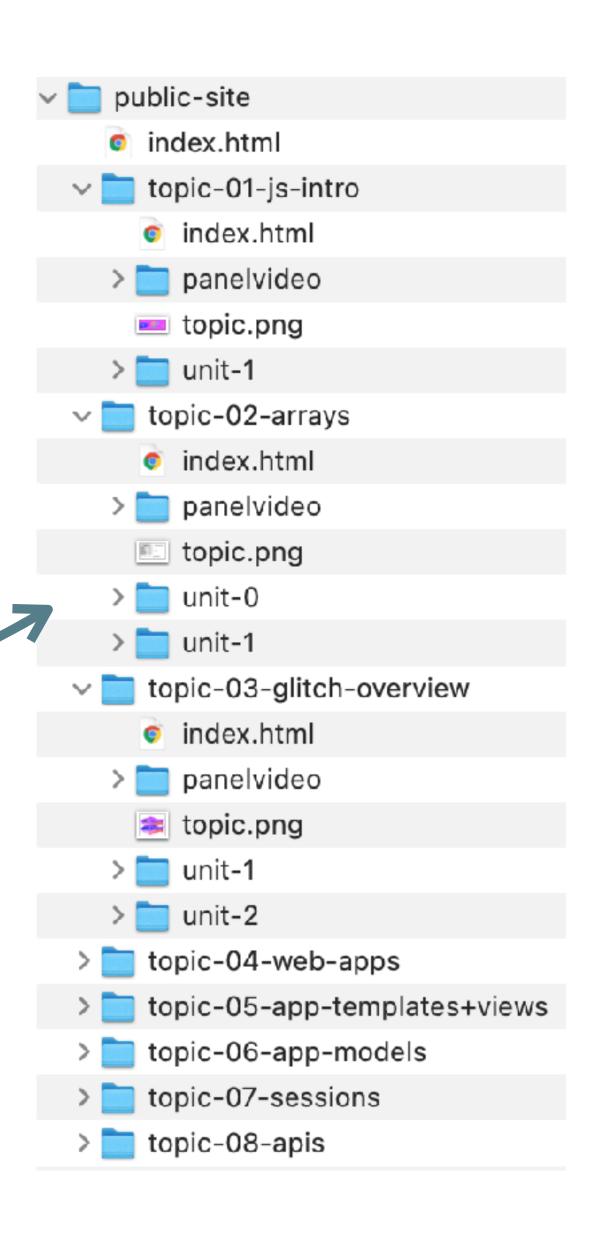
Dynamic/JSON

#### course.md package.json properties.yaml public-site topic-01-js-intro panelvideo topic.md topic.png > 🚞 unit-1 ✓ topic-02-arrays > panelvideo ... topic.md topic.png ∨ i unit-0 > talk-e-variables-objects > talk-f-methods-arrays ... topic.md ∨ ■ unit-1 > book-a-js-arrays > talk-a-arrays-basics > talk-b-array-methods > talk-c-array-iteration > talk-d-arrays-of-objects ... topic.md topic-03-glitch-overview panelvideo topic.md atopic.png > \_\_\_ unit-1 > == unit-2 > topic-04-web-apps > topic-05-app-templates+views topic-06-app-models > topic-07-sessions > topic-08-apis

#### Static/HTML

## npx tutors-html





Command generates static site to 'public-site' folder

## Static

public-site

index.html

√ topic-01-js-intro

> panelvideo

topic.png

√ interpretation of the value of the va

index.html

> panelvideo

topic.png

index.html

> topic-04-web-apps

> topic-06-app-models

> topic-07-sessions

> topic-08-apis

> topic-05-app-templates+views

> panelvideo

\*\* topic.png

> 📄 unit-1

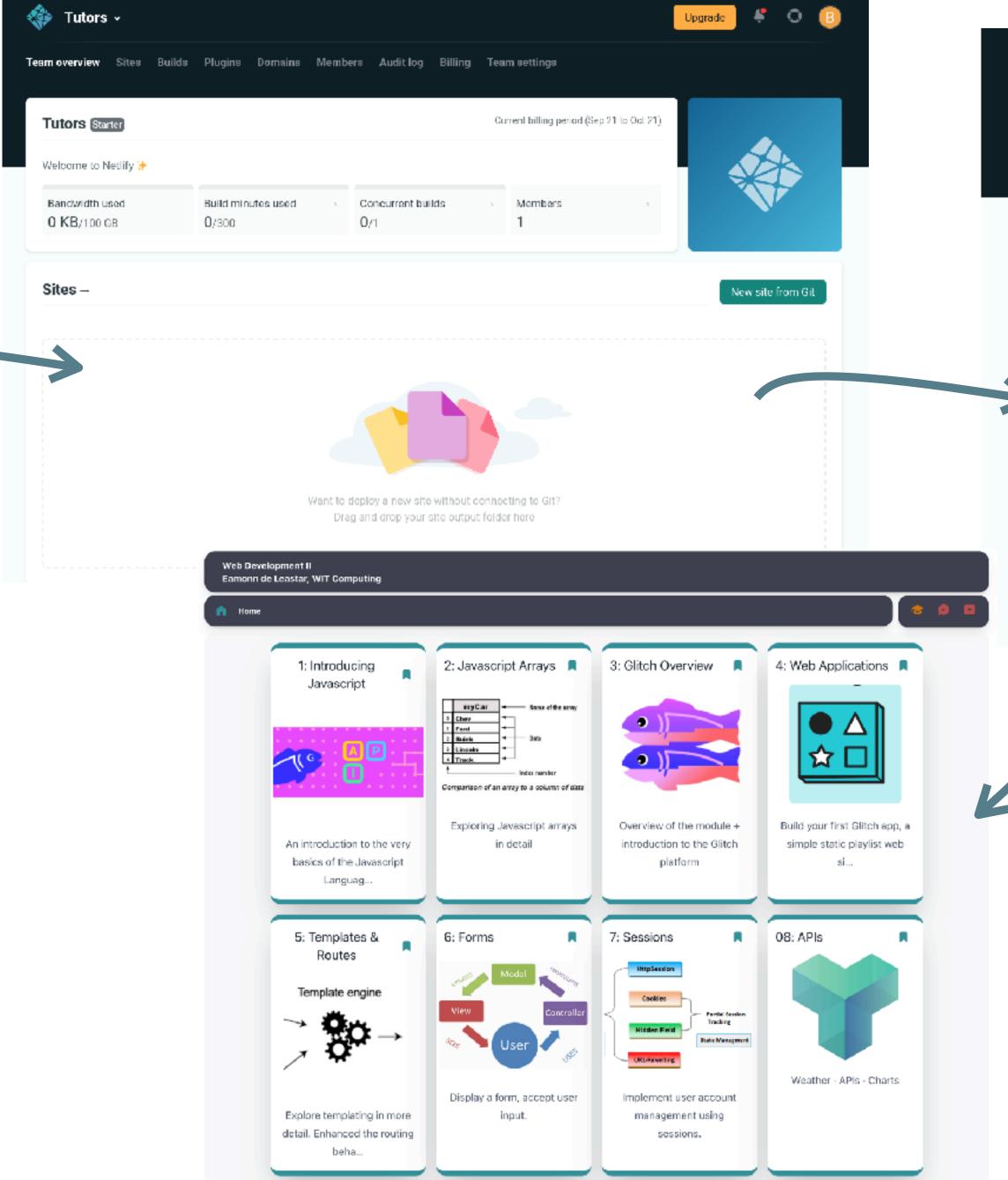
> == unit-2

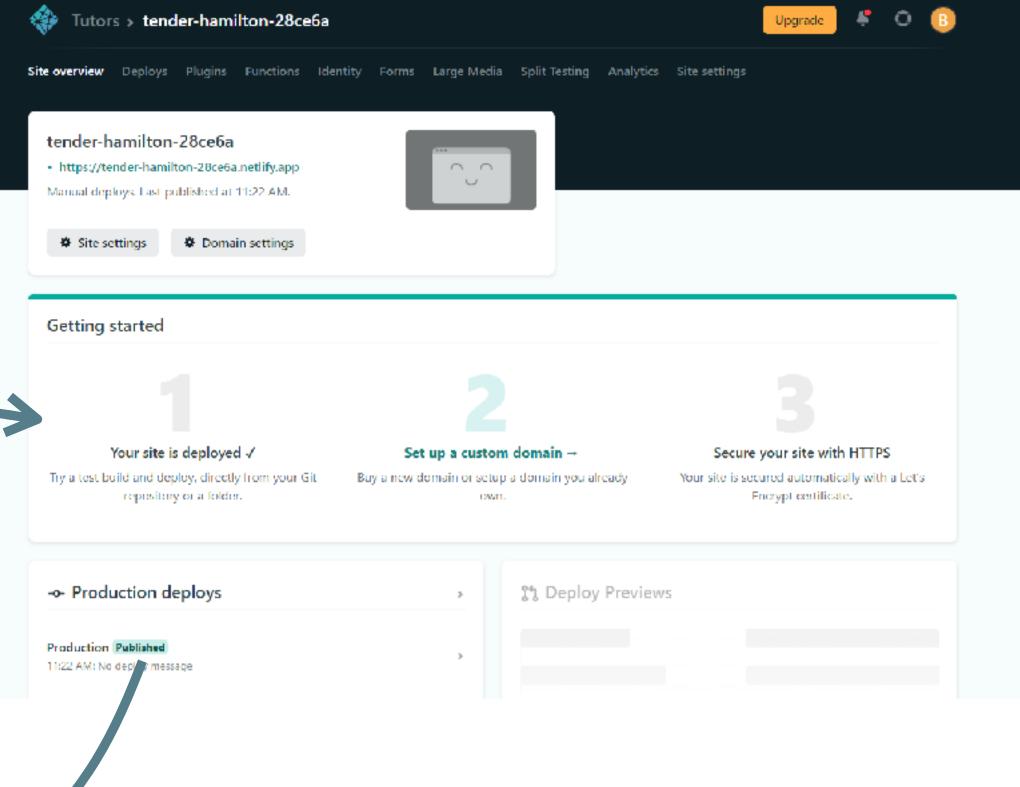
√ interpretation of the property of the p

> unit-0

> 📄 unit-1

index.html





Drag & Drop Public Site folder to Netlify Project

Deploys the site globally

#### course.md > ison package.json properties.yaml > public-site > panelvideo topic.md topic.png > \_\_\_ unit-1 √ interpretation of the property of the p > panelvideo topic.md topic.png ∨ iii unit-0 > talk-e-variables-objects > talk-f-methods-arrays topic.md ✓ image unit-1 > book-a-js-arrays > talk-a-arrays-basics talk-b-array-methods talk-c-array-iteration > talk-d-arrays-of-objects topic.md topic-03-glitch-overview topic-04-web-apps topic-05-app-templates+views topic-06-app-models

> topic-07-sessions

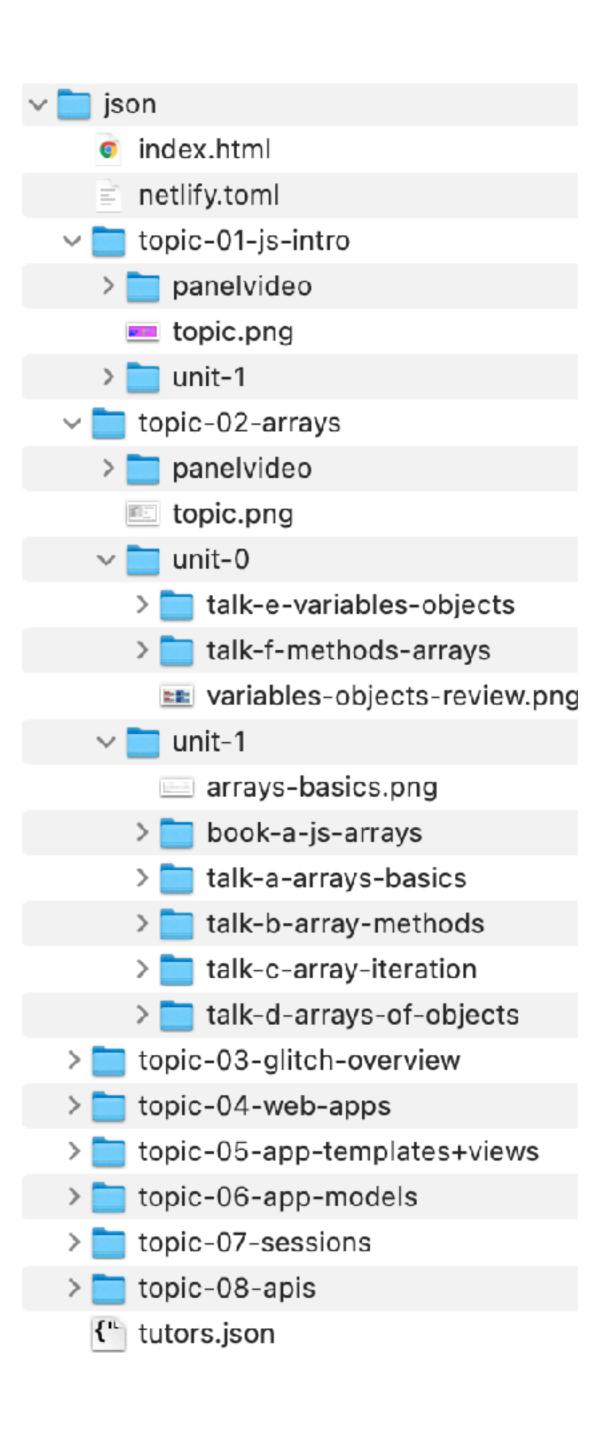
> topic-08-apis

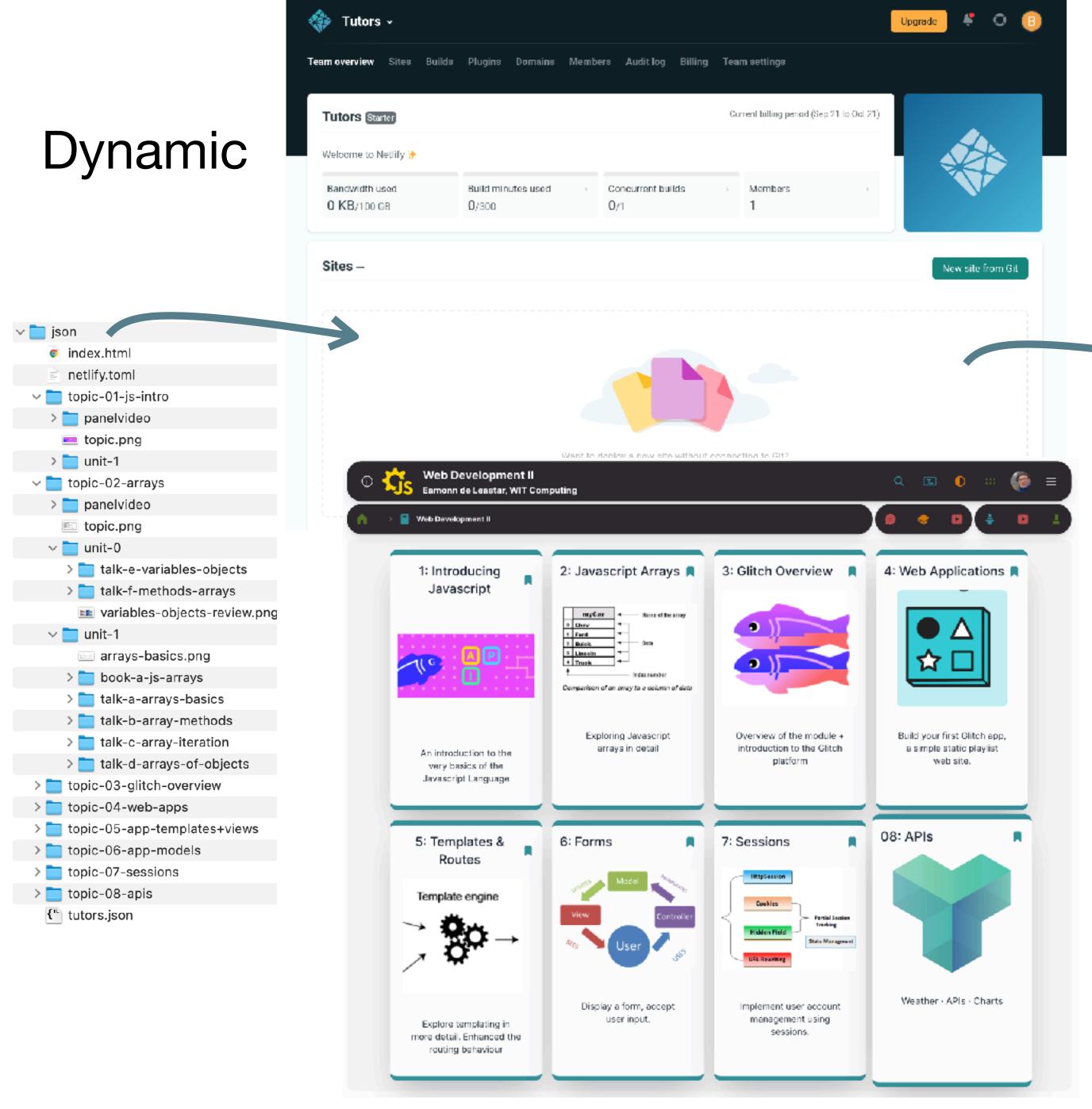
# Dynamic/JSON

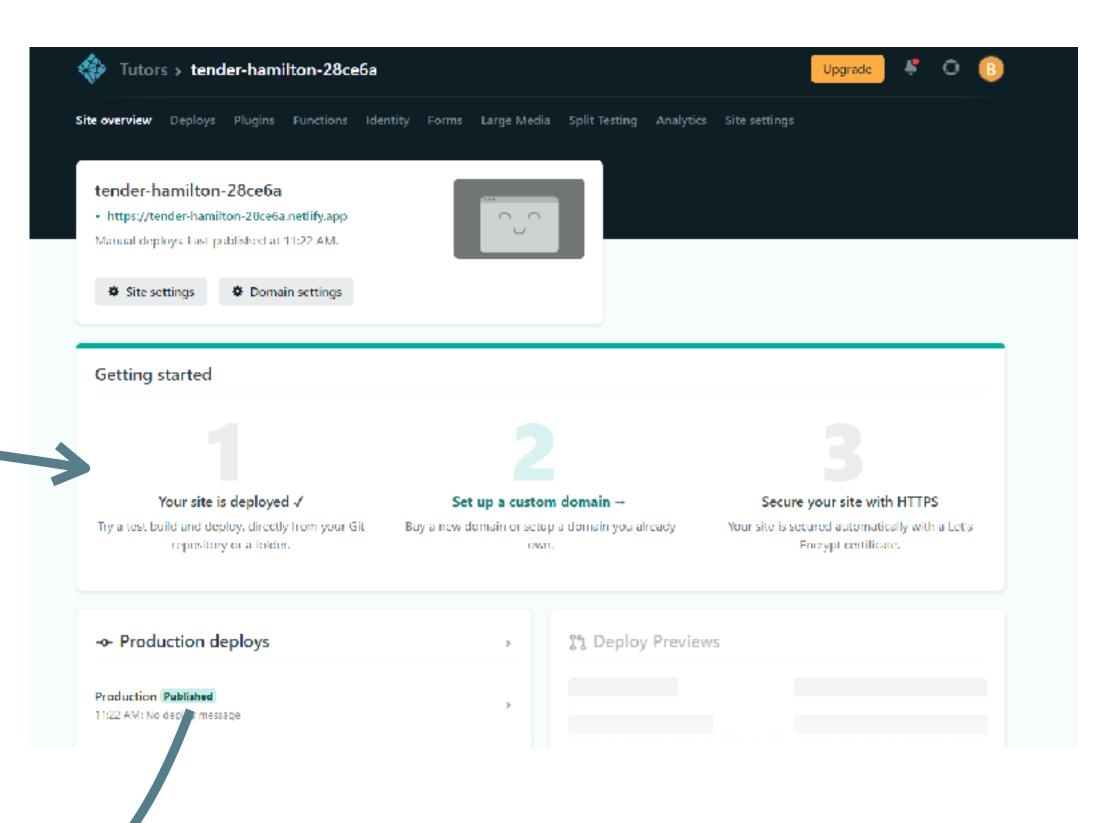
## npx tutors-json



Command generates static site to 'json' folder



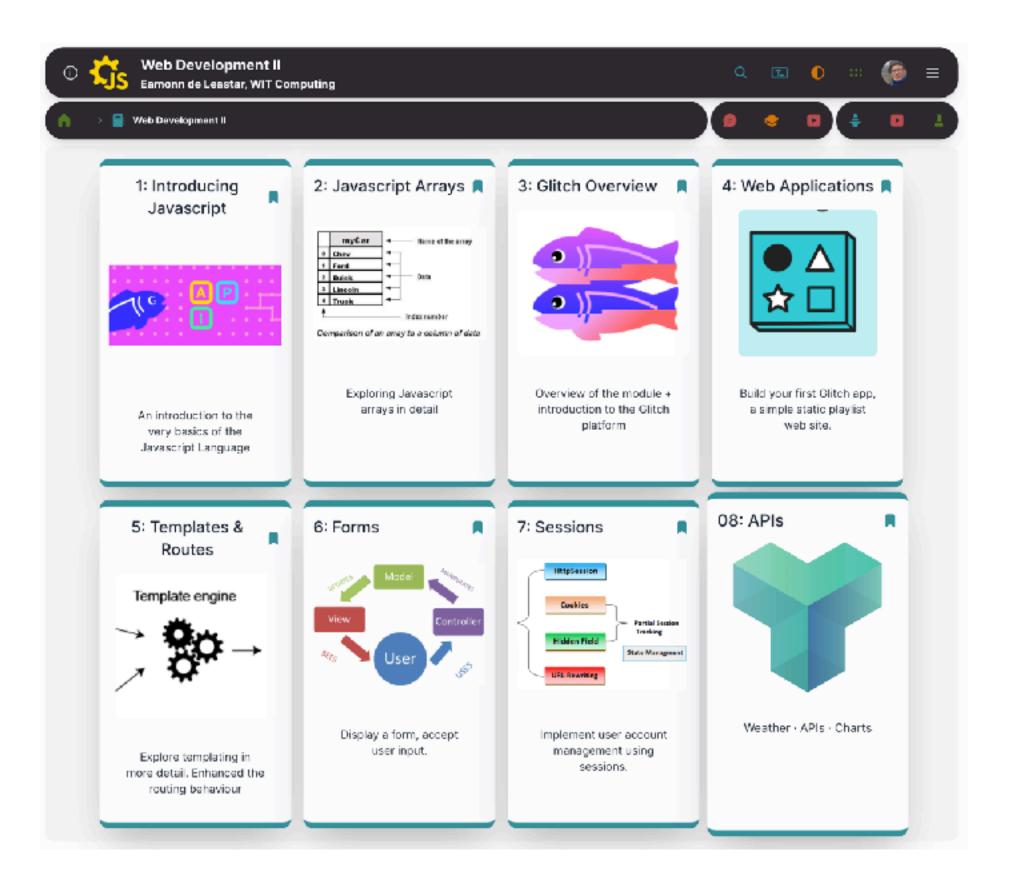




Drag & Drop Public Site folder to Netlify Project

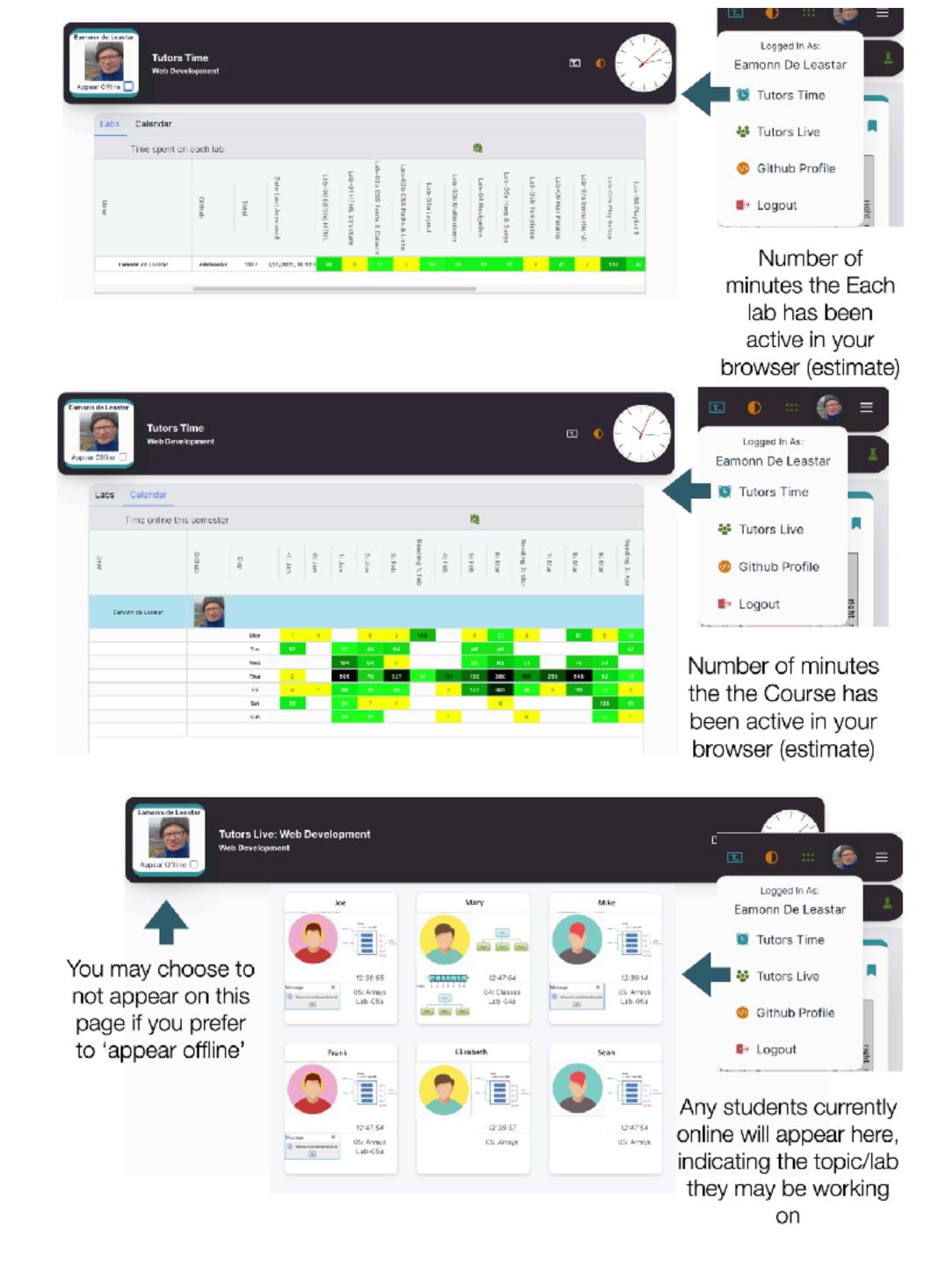
Deploys the Course Globally

# Dynamic



properties.yaml

Auth: 1





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

# https://tutors.dev/

#### The Learner Experience



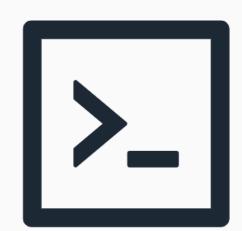
The Learner Experience prioritises web interactions that are engaging, contextual, linkable, searchable, accessible and responsive. In addition the experience should foster a sense of community and connection among fellow learners.

#### **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.