

Single Source, Many Outputs

Description

In this technical challenge, you explore concepts and processes that are central to writing with digital technologies as you use Quarto to create and publish web content.

Goals

This assignment is designed to help you:

- gain experience with tools and processes used to create technical content, e.g. markdown, YAML, and single-source publishing
- learn and apply concepts that inform modern technical communication, e.g. single sourcing, topic-based authoring, content management, content strategy
- practice using git and github for version control and github pages for web publishing

Tools

Toward that end, you will use a few key tools:

- RStudio. The interface you will use for authoring.
- Markdown. The syntax you will use for authoring.
- YAML. The language you will use to configure your content generation.
- Quarto. The publishing “system.”

The Challenge

- Build a piece of content by combining granular content components
- Generate multiple output formats from that content
- Bonus: Use some advanced Quarto features
- Double Bonus: change the content based on the output format

Submission

As before, you’ll submit a 2-3 page project narrative that includes:

- a link to the github repository where your project lives

- a link to your published site
- a discussion of your learning process & strategy,
- a description of your artifact and the choices you made
- a reflection on challenges, triumphs, and lessons learned.