1. Thought process

- use postman to run public APIs and get data to have some ideas of data structure.  
- from APIs, come up with the downloading raw data phase.  
- once data is downloaded, run services to calculate metrics.   
- The metadata saves the current run time. Next run the data sync only get the title that has updated date newer than the last run time.  
- storage is file system but it can be database.

Custom Metrix:

Regulatory Complexity Score: Based on sentence length, legal terminology density, and cross-references.  
  
2. Issues

2.1 it seems the /api/versioner/v1/titles.json only returns 50 titles.

I thought it was because of the pagination but could not find any info about that.

The app can only download 50 titles.

3. How to deploy

- get the code either check out OR the source.zip

- run gradlew bootRun

- access http://localhost:8080/

4. Tech  
Java, Spring Boot, IntelliJ with Copilot

5. Demo system

<http://localhost:8080/>

Home page (dashboard)

A screenshot of a computer

AI-generated content may be incorrect.

A screenshot of a computer

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