Book Cover

GEORGIA DOING

COURSE: CSC:XXX COURSE TITLE DOCUMENTATION

SELF

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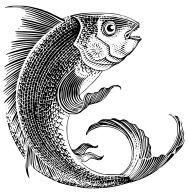
To my beloved daughter, Luísa, who always makes me proud.

WE KNOW THE PAST, BUT CANNOT CONTROL IT.

WE CONTROL DE FUTURE, BUT CANNOT KNOW IT.

–CLAUDE SHANNON



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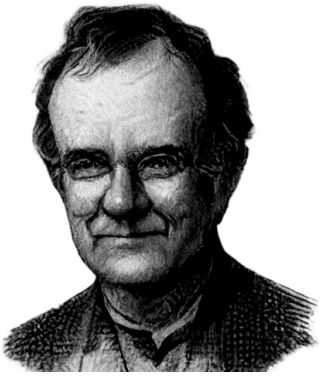
Preface



The course website for CSCXXX, part of the Union College CS curriculum. Here you can find our wekkly schedule, assignmnets and resources.

Announcements

Upcoming due dates

Next assignments is due …

Office Hours

Usage

To use this project type just:

```
quarto use template fredguth/tufte-quarto
```

Course Description

Customizing

You can customize your book by changing `_quarto.yml` and the files it referendes. This project organize files in 4 basic folders:

- 01-Front: for frontmatter content;
- 02-Main: for mainmatter content;
- 03-Back: for backmatter content;

Book Structure

- Cover
- Front Matter
  - Title Page
  - Copyright
  - Dedication
  - Epigraph/dictum
  - Table of Contents
- Main Matter
  - chapters
- Back Matter
  - references
  - appendices
  - acknowledgements
  - colophon

File Structure

Book Part	File	How to customize
Cover	images/bookcover.pdf	Replace the file. If no file, no cover.
Titlepage	_quarto.yml	Built from metadata. For further customization use partials.
Copyright	01-Front/dedication.tex	Replace or exclude/rename file.
Dedication	01-Front/dedication.tex	Replace or exclude/rename file.
Epigraph	01-Front/epigraph.tex	Replace or exclude/rename file.
ToC	_quarto.yml	Built from metadata. For further customization use partials.
Chapters	_quarto.yml	You can reference chapters, parts and apendices.
Acknolegements	03-Back/ack.qmd	Replace or exclude/rename file.
Colophon	03-Back/colophon.qmd	Replace or exclude/rename file.

Advanced Cutomization

In `_extensions/tufte/_extension.yml` you can check the default settings of the Tufte-Quarto Book type. All these settings can be overwritten in _quarto.yml.

The project uses tufte-book Latex class.

Customizing the Website

Besides the settings from `_extensions/tufte/_extension.yml > format > html` that can be overwritten in `_quarto.yml > format > html`, you can further customize the website by creating a `style.css` file and referencing it in `_quarto.yml`. Check `_extensions/tufte/style.css` as an example, but avoid changing

directly there as Tufte-Quarto updates may break your changes.

Known-issues

1. Tufte-book can't handle label inside caption.

   Tufte-book.cls breaks when processing the line bellow:

   ```
   ![A way of flying](/Images/goya.jpg){.column-body #fig-goya}
   ```

   which becomes:

   ```
   \begin{figure}

   {\centering \includegraphics{Images/goya.jpg}

   }

   \caption{\label{fig-goya}A way of flying}

   \end{figure}
   ```

2. Can't render svg image in pdf and can't render pdf image in html.

   - current solution is quite ugly:

   ```
   ::: {.content-hidden unless-format="pdf" }

   ![IBT "genealogy" tree.](/Images/dissertation-map.pdf){.column-margin width=90%}

   :::
   ```

```
::: {.content-hidden unless-format="html"}

![IBT "genealogy" tree.](/Images/dissertation-map.svg){.column-margin width=90%}

:::
```

For avoiding duplicating code, files are .svg in html by defaul and .pdf in pdf. So you can only:

```
![IBT "genealogy" tree.](/Images/dissertation-map){.column-margin width=90%}
```

3. Tufte-class works only until subsection -> `### subsection`; `#### subsubsection`-> returns error

4. sidecite is duplicating citations in the same margin. Solved this same problem in my dissertation and in the kaobook class. Only problem is that Tufte-book class is a little too cryptic for me.

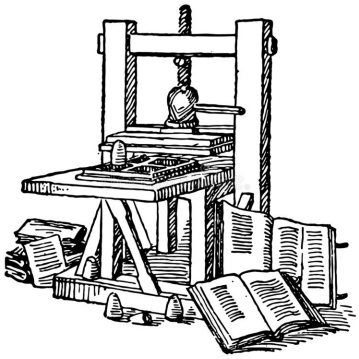
About

References

Acknowledgements

Many thanks to the Quarto team for creating this wonderful tool. I am also grateful for the support I got at Quarto's Discussion Board, specialy:

- Mickaël Canouil (`@mcanouil`);
- Charles Teague (`@dragonstyle`);
- Raniere Silva (`@rgaiacs`); and
- Christophe Dervieux (`@cderv`)

Colophon

Composed in ET Book, a free and open-sopurce typeface designed by Dmitry Krasny, Bonnie Scranton, and Edward Tufte; and TEXGyre Heros, a fontbased on the URW Nimbus Sans L kindly released by URW++ Design and Development Inc. under GFL. Based on Tufte-Latex and Quarto.