

Setting up Quarto

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Figure 1: quarto

1 Introduction

Quarto is an extension of the Rmarkdown ecosystem. It leverages the power of **Pandoc**. From my perspective it provides a number of useful additional tools for literate programming and blogging.

I'm using quarto for my lab's home page with an embedded blog. ([rgtlab](#)).

This post will include some of the most useful and interesting quarto tools presented in the context of a **Palmer Penguins** data set analysis.

Start with running quarto create-project at ~/prj level

```
quarto create-project qblog --type website:blog
```

This generates a project folder /Users/zenn/Dropbox/prj/qblog:

- cd to ~/qblog/posts/
- create a new directory, say setupquarto
- cd to ~/qblog/posts/setupquarto
- vim index.qmd

To create a minimal shell of a blog type:

```
> quarto create-project minimal_blog --type website:blog
```

This creates the following file structure:

```
> tree -L 2 --charset unicode
.
|-- _quarto.yml
|-- _site
|   |-- about.html
|   |-- index.html
|   |-- listings.json
|   |-- posts
|   |-- profile.jpg
|   |-- search.json
|   |-- site_libs
|   `-- styles.css
|-- about.qmd
|-- index.qmd
|-- posts
|   |-- _metadata.yml
|   |-- post-with-code
|   `-- welcome
|-- profile.jpg
`-- styles.css
```

Contrast to Rob Heyneman's template blog:

```
> tree -L 1 --charset unicode
.
|-- _quarto.yml
|-- _site
|-- about
|-- blog
|-- header.html
|-- index.qmd
|-- mariecurie.png
|-- publications
|-- quartoweb.Rproj
```

```
|-- software
|-- styles.css
|-- talks
`-- teaching
```

References:

Useful archive:

mcanouil/awesome-quarto: [A curated list of Quarto talks, tools, examples & articles](#)

Consider some ideas from

- Rob Hyndman - [Template of quarto website](#)
- Eric Ekhholm - [Modifying the Default Quarto Blog Structure](#)
- Allison Hill - [We don't talk about Quarto](#)
- Nick Tierney - [Notes on Changing from Rmarkdown/Bookdown to Quarto](#)