

# Setting up Quarto

Ronald (Ryy) Glenn Thomas

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## Table of contents

### 1 Introduction

1



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/prj/qblog:

- cd to ~/prj/qblog/posts/
- create a new directory, for the first post, say setupquarto
- cd to ~/prj/qblog/posts/setupquarto
- vim index.qmd

The framework for a quarto blog can be quite minimal. For example the following set of files provides is sufficient to start a useful blog:

```
.
|-- _quarto.yml
|-- index.qmd
|-- posts
|   |-- firstpost
|       |-- index.qmd
```

with file contents:

**\_quarto.yml**

```
project:
  type: website
```

**index.qmd**

```
---
title: "Minimal Blog"
listing:
  contents: posts
---
```

**posts/firstpost/index.qmd**

```
---
title: "First post on Blog"
author: "Joe Blogger"
date: last-modified
---
```

This is the first post.

---

# minimal\_blog

Nov 30, 2023  
Joe Blogger

## First post on Blog

This is the first post.

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 Eklholm - [Modifying the Default Quarto Blog Structure](#)
- Allison Hill - [We don't talk about Quarto](#)

- Nick Tierney - [Notes on Changing from Rmarkdown/Bookdown to Quarto](#)