

Getting Started

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2024-10-02

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Preface

This is a Quarto book.

To learn more about Quarto books visit <https://quarto.org/docs/books>.

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1 Introduction

This is a book created from markdown and executable code.

See Knuth (1984) for additional discussion of literate programming.

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2 Summary

In summary, this book has no content whatsoever.

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3 Software Needed

3.1 R and RStudio

Go to [RStudio Desktop download page](#) to download the R and RStudio Desktop installers.

Note

You need to install R first, then RStudio.

The R link will take you to the [The Comprehensive R Archive Network](#) where you can download an R installer for your operating system.

The RStudio link will download the appropriate installer for your operating system.

Download and launch the installers and follow the installation instructions.

3.2 Git and a GitHub Account

[Git and GitHub](#)

Tip

We will use `git` within RStudio. On macOS, RStudio with echo the mac terminal. I am using [Oh My Zsh](#) as my `zsh` framework, and [iTerm2](#) as my terminal emulator rather than the macOS default terminal application. I also have the latest `git` version installed through [Homebrew](#).

This means that I need to adjust the settings in RStudio to use my `zsh` environment. Go to *Tools* → *Global Options* → *Terminal* and choose `Zsh` from the drop-down menu for the *New terminals open with* option.

3.3 VS Code

Download and launch the installer and follow the instructions.

[Visual Studio Code](#)

3.4 Zotero

3.4.1 Zotero Desktop

Zotero is available for macOS, Windows, Linux, and iOS.

Download Zotero from the [Zotero website](#).

Installation is straightforward, but [installation instructions](#) are available if needed.

3.4.2 Zotero Connector

Also install the [Zotero Connector](#) for the Chrome web browser for easy importing of items into your Zotero library.

3.4.3 Better BibTeX for Zotero

To easily cite references in your Quarto documents in RStudio, install the [Better BibTeX plugin](#).

3.4.4 Zotero 7 Beta

There is a [beta release for Zotero 7](#). This has (I believe) a nicer interface, and new features. See the [Zotero 7 beta announcement](#) for more information.

3.5 ChimeraX

1. Go to the [ChimeraX download page](#).
2. Download the installer appropriate for your operating system.
3. Accept the license agreement.
4. Follow the instructions for your operating system. For example, on macOS (M2 chip):
5. Open the disk image.
6. Drag the ChimeraX application to your Applications folder.