Building a website using blogdown in R

Alistair Bailey

May 16 2018

Contents

List of Tables 5

List of Figures 7

Summary 9

1 Getting started 11

1.1 Installation 11

1.2 Installing JabRef 11

2 Creating and deploying an initial website 13

3 Adding content to the site 17

4 Creating publication files 19

References 21

List of Tables

List of Figures

Summary

These are my instructions for how to build a website using R. The inspiration came from a series of tweets by Dan Qunitana about how to build an academic website using the blogdown package (Xie, 2018).

Following these instructions you can build a website for Bibi the Cat, using the Hugo academic theme but you can of course make a website for anything you like and use any of the many themes available.

These instructions assume you have R (R Core Team, 2018) and Rstudio installed and are reasonably comfortable using these tools.

For much more detail check out the fantastic blogdown book.

Chapter 1

Getting started

1.1 Installation

First you'll need to install the blogdown package:

```
install.packages("blogdown")
```

Then use blogdown to install the static site generator Hugo:

```
blogdown::install_hugo()
```

1.2 Installing JabRef

If you are going to link academic publications on your website you will probably find it useful to have JabRef installed to create the necessary files you need.

JabRef is an open source bibliography reference manager.

This is not the only way to do things, but it's what I'm familiar with and is free.

See the publications section for the full details.

Chapter 2

Creating and deploying an initial website

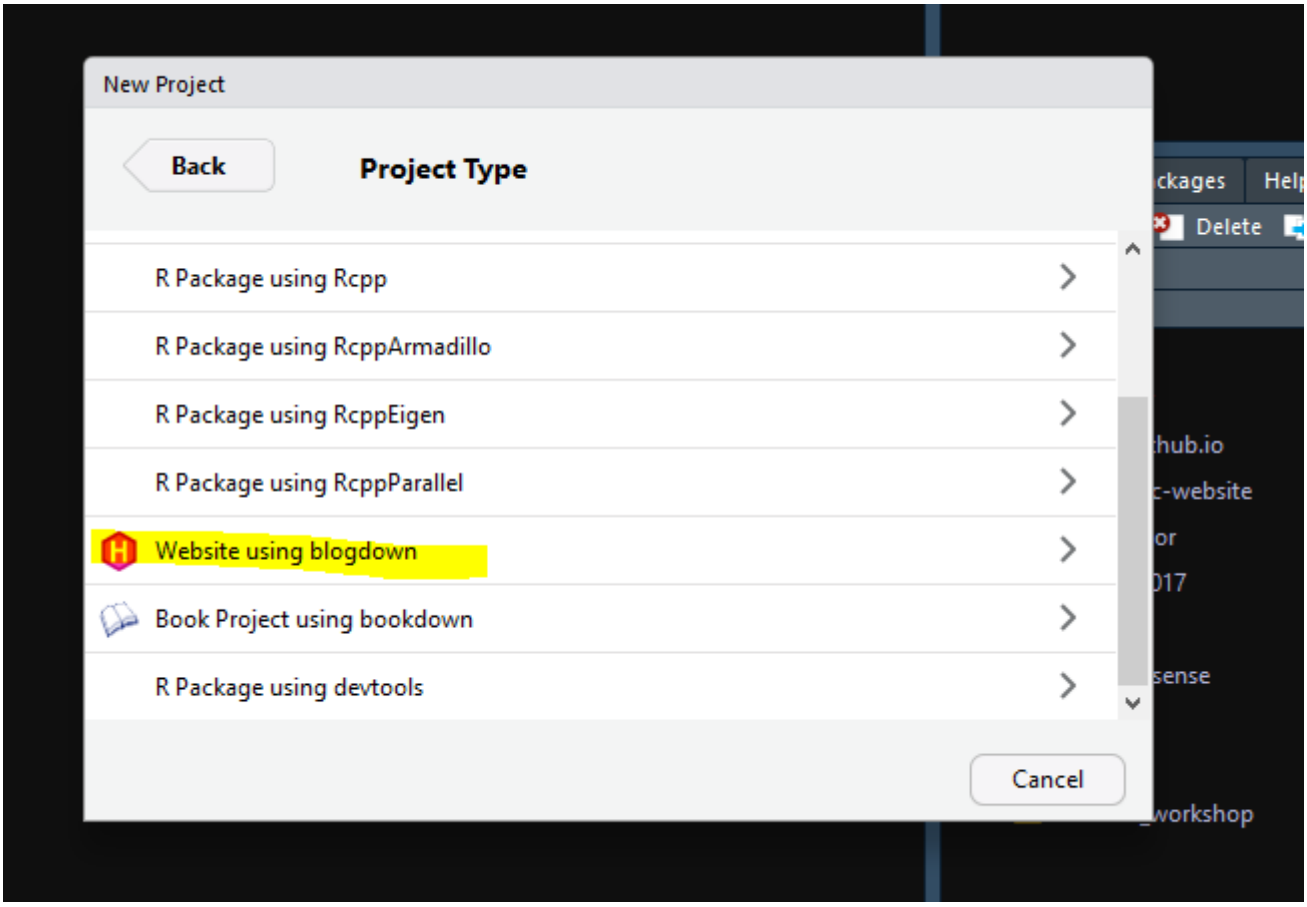
We're going to create a website for Bibi the Cat aka The Tiny Tiger.

Here she is:

```
knitr::include_graphics("img/portrait.jpg")
```

Go to File > New Project and when the pop-up appears choose a new directory and then scroll down and choose **Website using blogdown**.

```
knitr::include_graphics("img/new_website.PNG")
```



This will then take you to the another screen where you can choose the directory for the

Chapter 3

Adding content to the site

Chapter 4

Creating publication files

References

R Core Team (2018). *R: A Language and Environment for Statistical Computing*. R Foundation for Statistical Computing, Vienna, Austria.

Xie, Y. (2018). *bookdown: Authoring Books and Technical Documents with R Markdown*. R package version 0.7.