

KGW Portfolio Notes

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2025-11-10

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Preface

This is a Quarto book. My portfolio. If I can make it work.

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

1 + 1

[1] 2

1 Introduction

This is a book created from markdown and executable code.

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

```
1 + 1
```

```
[1] 2
```

Part I

Part 1

2 Hexwall

2.1 Hex file resources

2.1.1 Shiny App for creating hex

<https://connect.thinkr.fr/hexmake/>

2.2 FIX - get all of these downloaded

<https://github.com/rstudio/hex-stickers>

2.3 FIX - fix warning for using deprecated purrr in hexwall.R file

Warning: `invoke()` was deprecated in purrr 1.0.0. Please use `exec()` instead. This warning is displayed once every 8 hours. Call `lifecycle::last_lifecycle_warnings()` to see where this warning was generated.

2.4 load hexwall.R function

```
source("~/Documents/r-studio-and-git/KGW_Portfolio_Notes/hexwall.R")
```

Linking to ImageMagick 6.9.13.29

Enabled features: cairo, fontconfig, freetype, heic, lcms, pango, raw, rsvg, webp
Disabled features: fftw, ghostscript, x11

```
test <- hexwall("~/Documents/r-studio-and-git/KGW_Portfolio_Notes/my_stickers", sticker_row_
```

```
Warning: `invoke()` was deprecated in purrr 1.0.0.  
i Please use `exec()` instead.
```

test



2.5 FIX - getting to export to PDF

2.6 FIX - getting webshot and phantomjs working

```
source("~/Documents/r-studio-and-git/my_hex_stickers/hexwall/hexwall.R") ## call  
hexwall function and assign to "test" ## this sometimes get an error – try adjusting  
sticker_row_size test <- hexwall("~/Documents/r-studio-and-git/my_hex_stickers/my_stickers",  
sticker_row_size = 7, sticker_width = 200) test  
  
png("~/Documents/r-studio-and-git/my_hex_stickers/hexwall/samplehex/test123.png")  
hexwall("~/Documents/r-studio-and-git/my_hex_stickers/hexwall/samplehex", sticker_row_size  
= 4, sticker_width = 200) image_write(test, "~/Documents/r-studio-and-git/my_hex_stickers/hexwall/sample  
dev.off()  
  
hex_table <- data.table
```

2.7 FIX - data.table is not working properly – needs to be fixed

It seems to be reading, but not displaying in data.table format correctly.
It works within R, but not in Quarto when rendered.

2.8 FIX - data.table giving a warning about reading in last line

```
#library(data.table)
hex_table <- datatable(read.csv("~/Documents/r-studio-and-git/my_book_again/my_stickers_data.csv"))
hex_table
```

```
file:///private/var/folders/sf/d810pt617h181j949xmh0yvh0000gn/T/Rtmp443CU7/filea0052a359acf,
```

Show entries

Search:

	Name	Type	Downloaded	Added_To_Hexwall	Official.	Source	Notes	Last_Updated
1	Rkaggle	Package	Y	Y	Y	https://github.com/benymindsmith/RKaggle	N/A	11/9/25
2	RRL	Company	Y	Y	N	Selfmade	N/A	Unknown
3	Leaflet	Package	N	N	N	https://r-graph-gallery.com/package/leaflet.html	No official hex image	11/9/25

Showing 1 to 3 of 3 entries

Previous Next

```
#hex_table_as_tibble <- as_tibble(hex_table)
#hex_table_as_tibble
```

Part II

Part 2

3 Projects - Hex

- Get Hexwall working
- Get Hexwall working with maps
- Make a RRL Hex with Shiny App
- Make a RRL Hex with hexSticker package
- Get a Shiny Hexwall working
- Get a Shiny Hexwall working with maps
- Get a Shiny Hexwall working with multiple map choices
- Get an updated Hexwall working with an input of a hex
- Data loaded
- Need to preprocess
- Pending
- Some progress
- No progress
- Stalled
- New
- Ongoing
- Completed
- Scheduled
- Important
- Private
- Public
- Testing
- Maintenance
- Documentation
- Ideas
- Design
- Analysis
- Visualization
- Automation
- Research

- Integration
- Configuration
- Cleanup
- Exploration
- Organization
- Calculation
- Foundation
- Experimentation
- Toolbox
- Security
- Networking
- Cloud
- Hardware
- Packaging
- Development
- Testing
- Design
- Documentation
- Deployment
- Maintenance
- Collaboration
- Management
- Presentation

4 Summary

In summary, this book has no content whatsoever.

```
1 + 1
```

```
[1] 2
```

References

- Knuth, Donald E. 1984. “Literate Programming.” *Comput. J.* 27 (2): 97–111. <https://doi.org/10.1093/comjnl/27.2.97>.