

Agenda

- 1. Introduction
- 2. Quick demo
- 3. Johannesburg R User Group Website

Introduction

Slides are from Getting Started with Quarto by Tom Mock ~ rstudio::conf 2022 Workshop

Why Quarto?

Shakespeare's <u>Hamlet as a "Quarto"</u>





• We wanted to use a name that had meaning in the history of publishing and landed on Quarto, which is the format of a book or pamphlet produced from full sheets printed with eight pages of text, four to a side, then folded twice to produce four leaves. The earliest known European printed book is a Quarto, the Sibyllenbuch, believed to have been printed by Johannes Gutenberg in 1452–53.

What about RMarkdown?

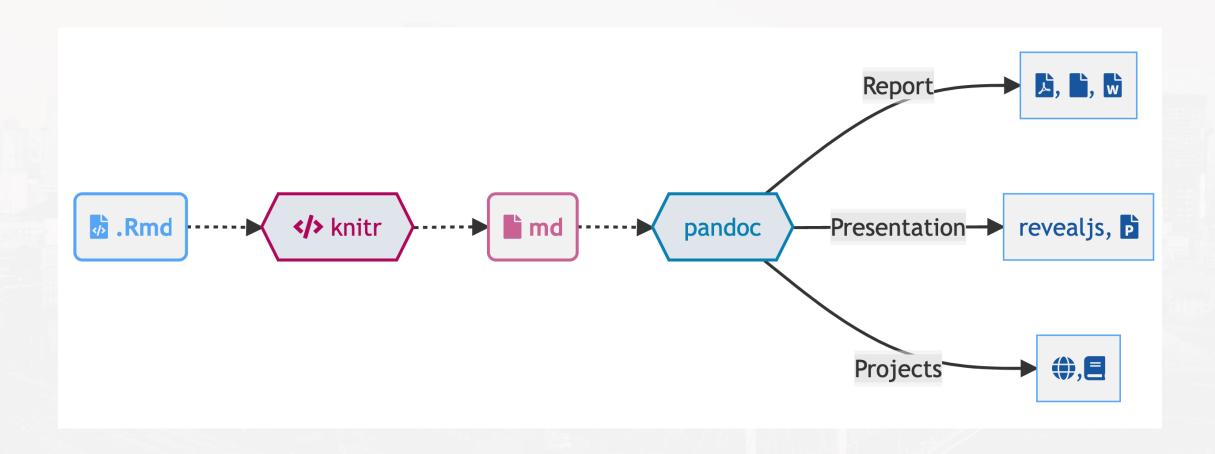
A brief history of knitr

- 2011-10-16: initial development
- 2012-01-17: initial CRAN release
- 50 CRAN releases in 10 years https://cran.rproject.org/src/contrib/Archive/knitr/

A brief history of rmarkdown

- Initial experiment: knitr::pandoc() (2014)
- Matured as the rmarkdown package (2015)

What about RMarkdown?

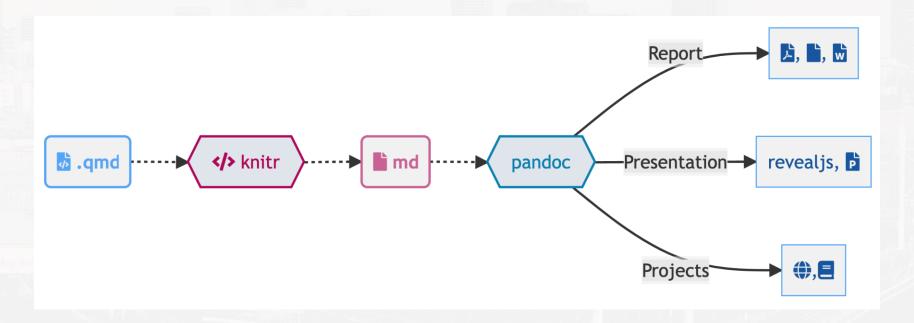


So what is Quarto?

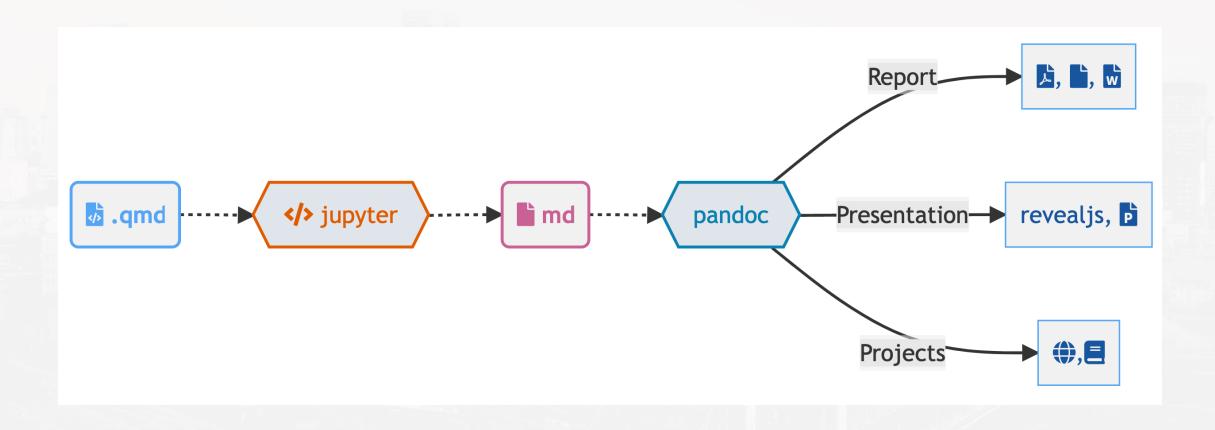
 Quarto is a command line interface (CLI) that renders plain text formats (.qmd, .rmd, .md) OR mixed formats (.ipynb/Jupyter notebook) into static PDF/Word/HTML reports, books, websites, presentations and more

Quarto, more than just knitr

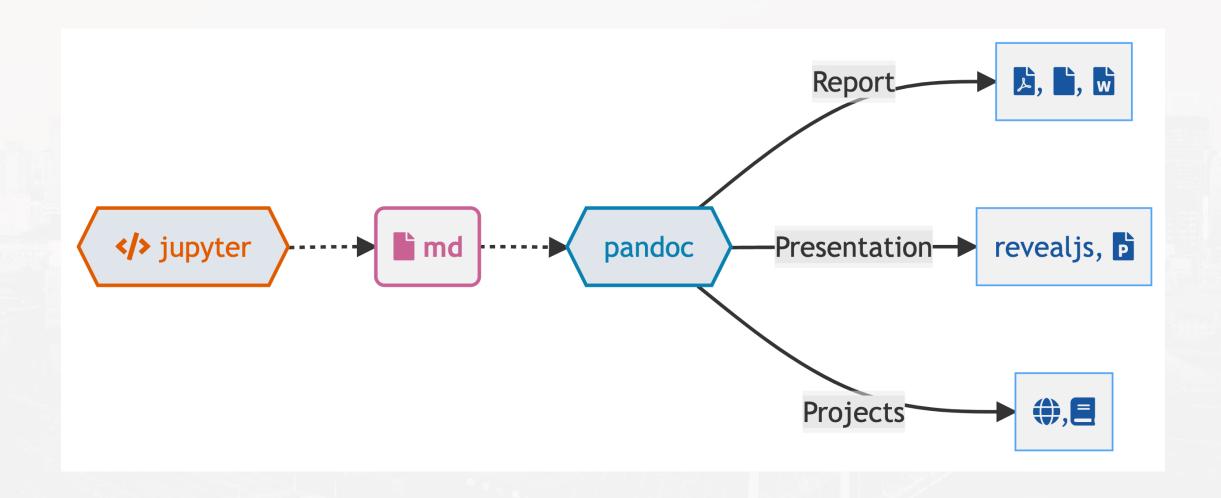
 We learned from 10 years of literate programming with knitr + rmarkdown



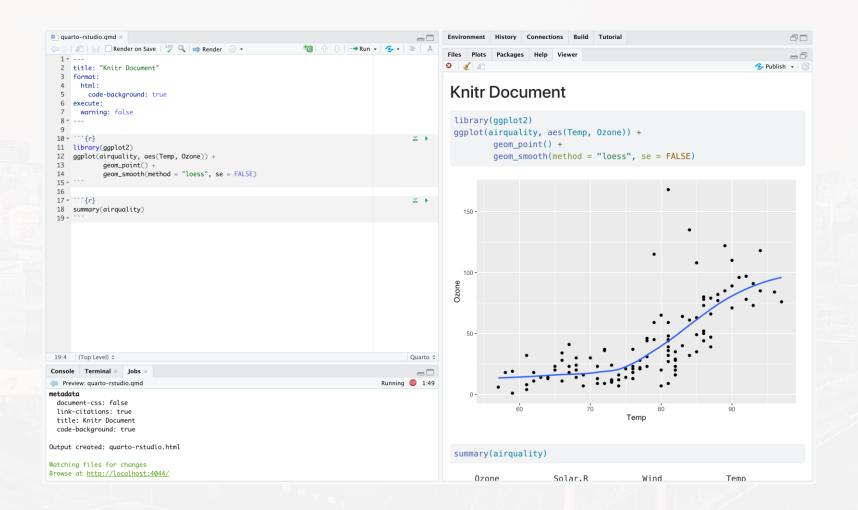
Quarto, more than just knitr



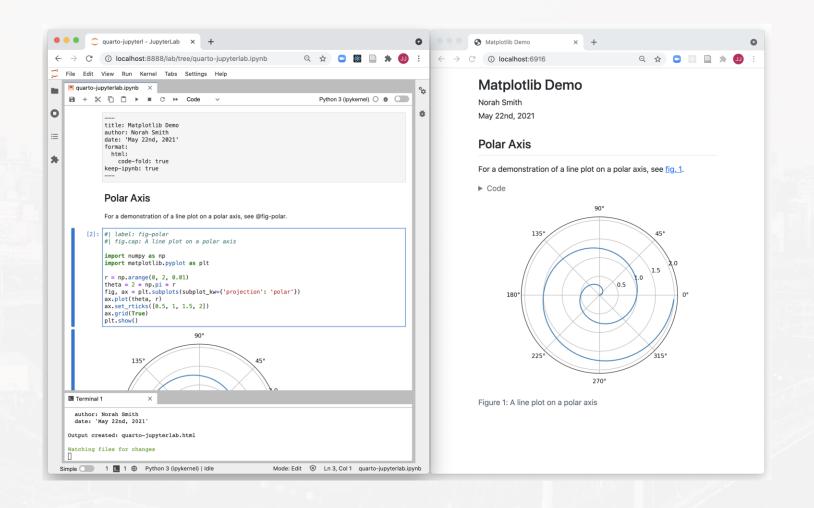
Quarto, more than just knitr



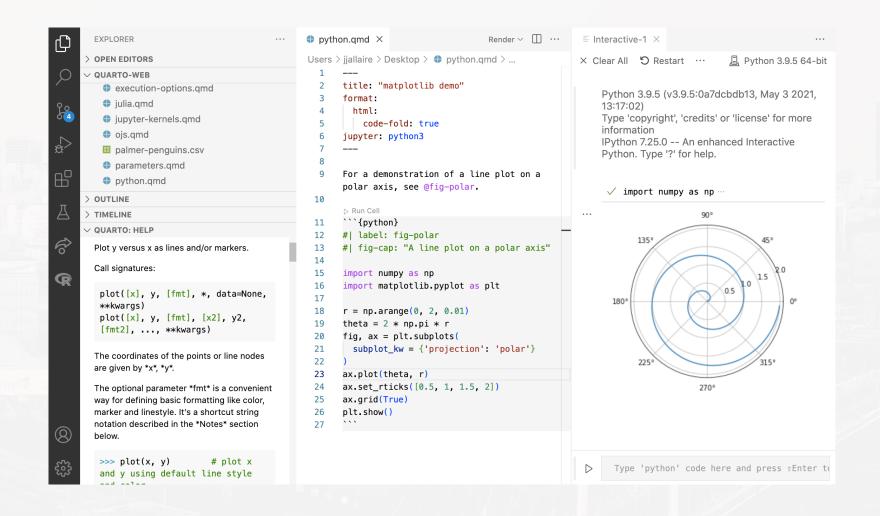
Comfort of your own workspace



Comfort of your own workspace



Comfort of your own workspace



So what is Quarto?

 Quarto® is an open-source scientific and technical publishing system built on Pandoc

Resources

- Getting Started with Quarto by Tom Mock ~ rstudio::conf 2022
 Workshop
 - https://rstudio-conf-2022.github.io/get-started-quarto/

Quick Demo

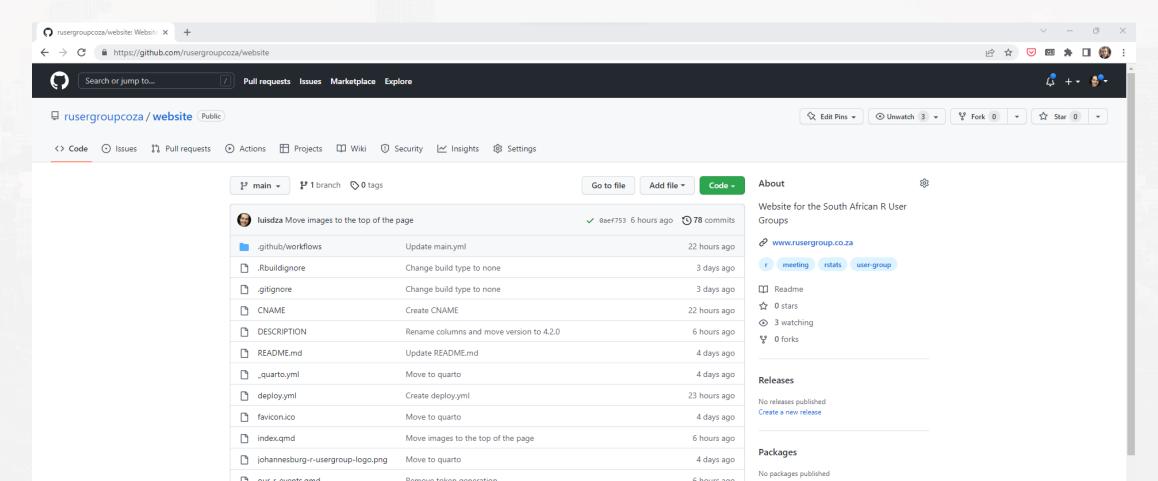
Basics of Quarto

Johannesburg R User Group Website

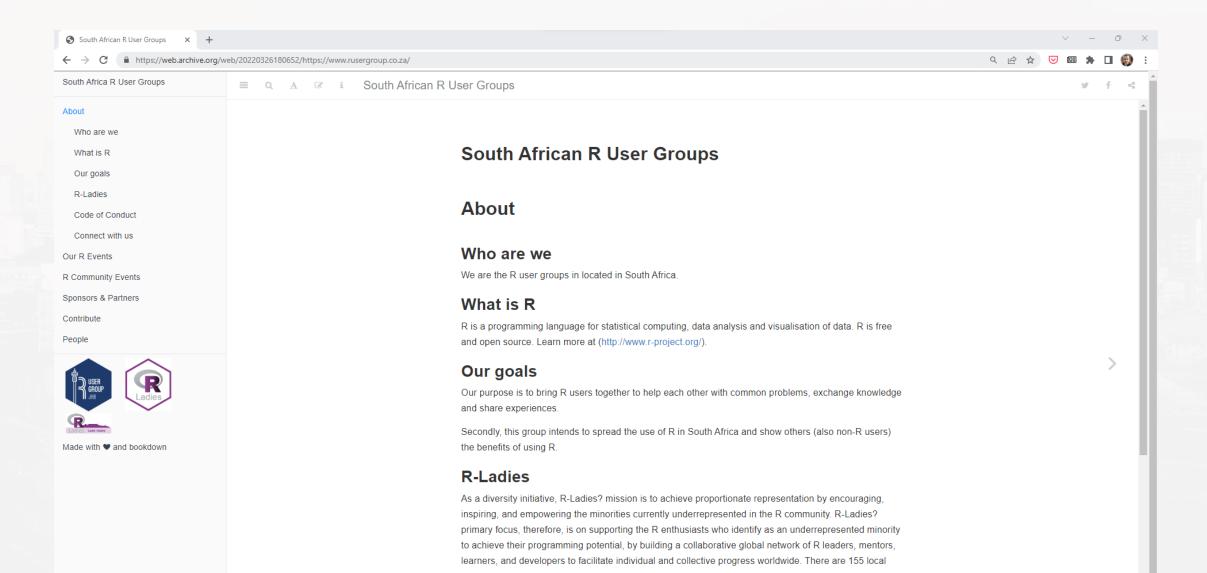
https://www.rusergroup.co.za

GitHub repo

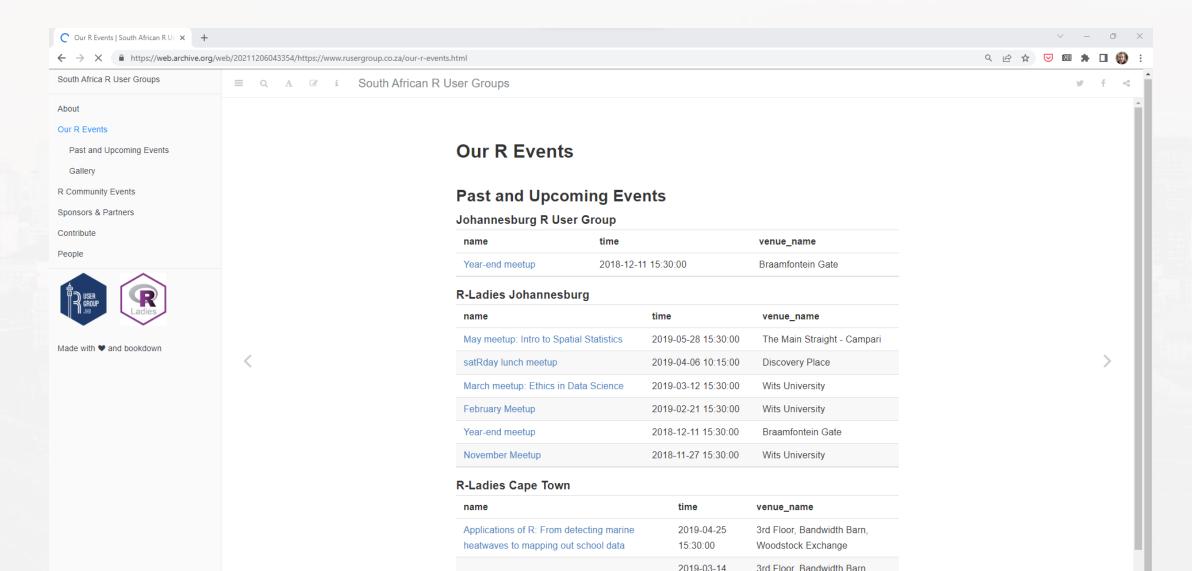
https://github.com/rusergroupcoza/website



Bookdown



MeetupR Package



The Problem

luisdza Update 01-our_r_events.Rmd	✓ 3b6d1ea on May 25, 2019	38 commits
_css	Add _ to folder name	4 years ago
_img	added changed proposed by @MeganBeckett	3 years ago
.Rbuildignore	Initial Commit	4 years ago
.gitignore	Initial Commit	4 years ago
.travis.yml	Update .travis.yml	4 years ago
01-our_r_events.Rmd	Update 01-our_r_events.Rmd	3 years ago
02-r_community_events.Rmd	added changed proposed by @MeganBeckett	3 years ago
03-sponsors_and_partners.Rmd	Update descriptions to R User Groups South Africa	4 years ago
04-contribute.Rmd	Initial Commit	4 years ago
05-people.Rmd	added changed proposed by @MeganBeckett	3 years ago
DESCRIPTION	Update descriptions to R User Groups South Africa	4 years ago
Makefile	Makefile ref directory not created	4 years ago
README.md	Update README.md	3 years ago
_output.yml	added changed proposed by @MeganBeckett	3 years ago
google_analytics.html	Initial Commit	4 years ago
index.Rmd	added changed proposed by @MeganBeckett	3 years ago
rusergroup.Rproj	Update descriptions to R User Groups South Africa	4 years ago

The Solution

- Move Rmd to Qmd Quartro
- Update MeetupR Package
 - Move to OAuth2
- Move to GitHub Actions
- Move from Google Analytics to Plausible

Questions

