Creating a website for scientific and technical communication

With Distill R package and GitHub pages

Ronny A. Hernández Mora.

- From Costa Rica 🇨🇷
- I have been working in the data science industry for about 5 years
- Currently doing a masters in remote sensing at University of Alberta
- RStudio certified trainer
- I like road cycling, reading, beers and coffee

Ronny A. Hernández Mora.

@RonnyHdezM
ronnyhdez
https://ronnyale.com

Edmonton R User Group

YEG RUG

We have meetings every month!

https://github.com/yegrug/

https://yegrug.github.io/

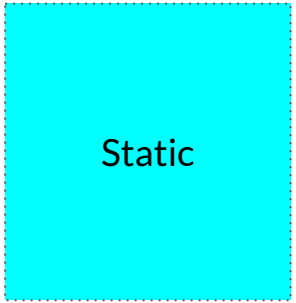
https://www.meetup.com/edmonton-r-user-group-yegrug/

What are we going to learn?

How to build a static website with the Distill R package!

https://pkgs.rstudio.com/distill/articles/examples.html

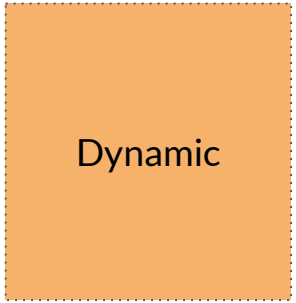
Webpages 101



For every request, the content will be the same.

- Blogs
- Front business/institutional pages

Compared to dynamic websites are easier to build.



For every request, the content can change.

- API's
- Banks
- Stores with online shopping

You need more tools to build one.

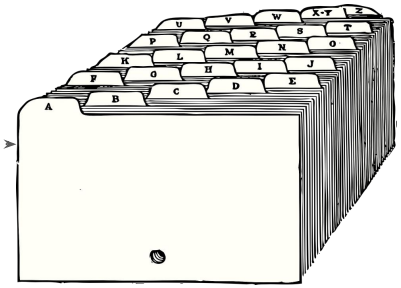
Webpages 101

Static

For a static website to become alive:

Hosting

Routing



Content

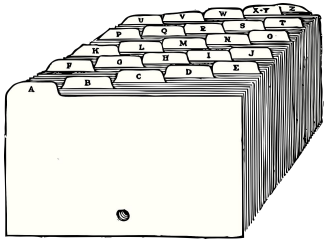
Webpages 101

Hosting

GitHub

Routing

GitHub

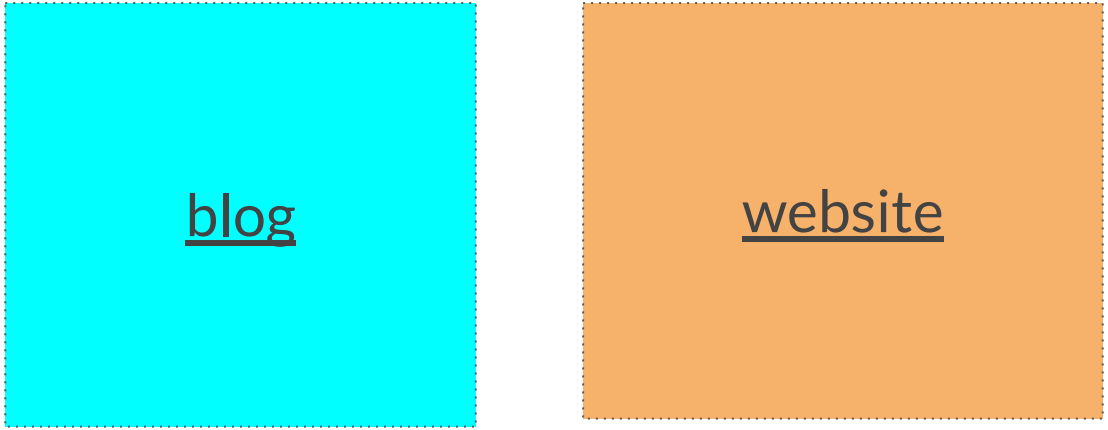


Content

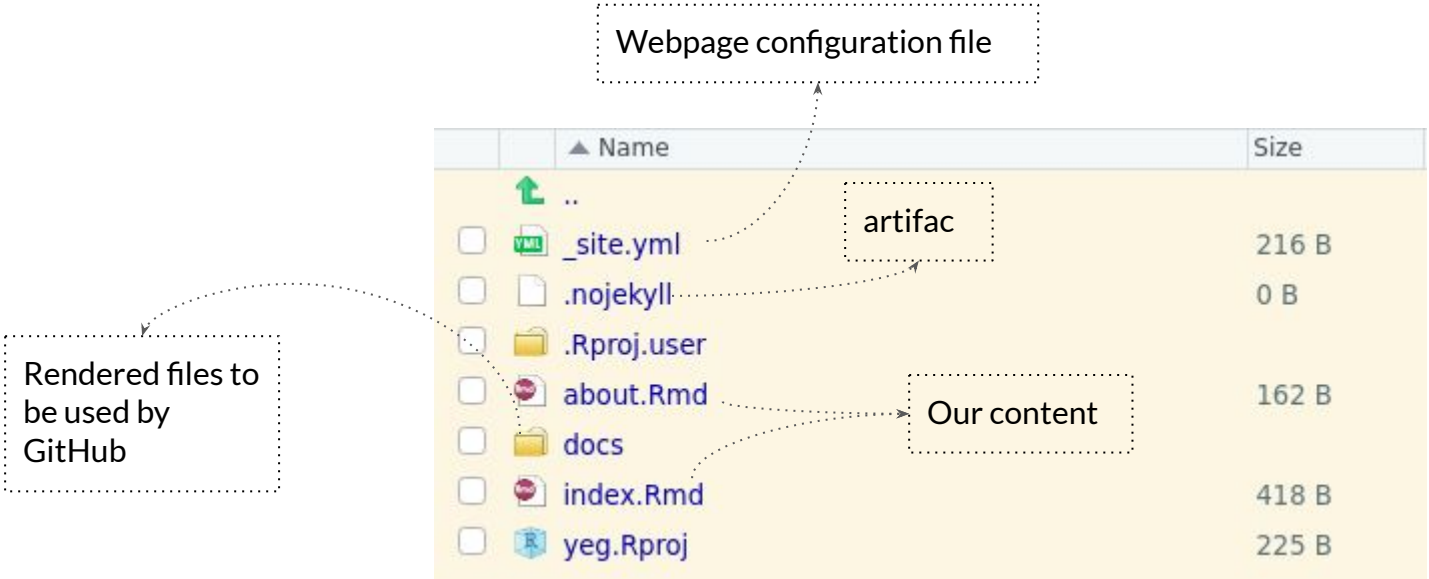
DISTILL

DISTILL

What can we do with Distill?

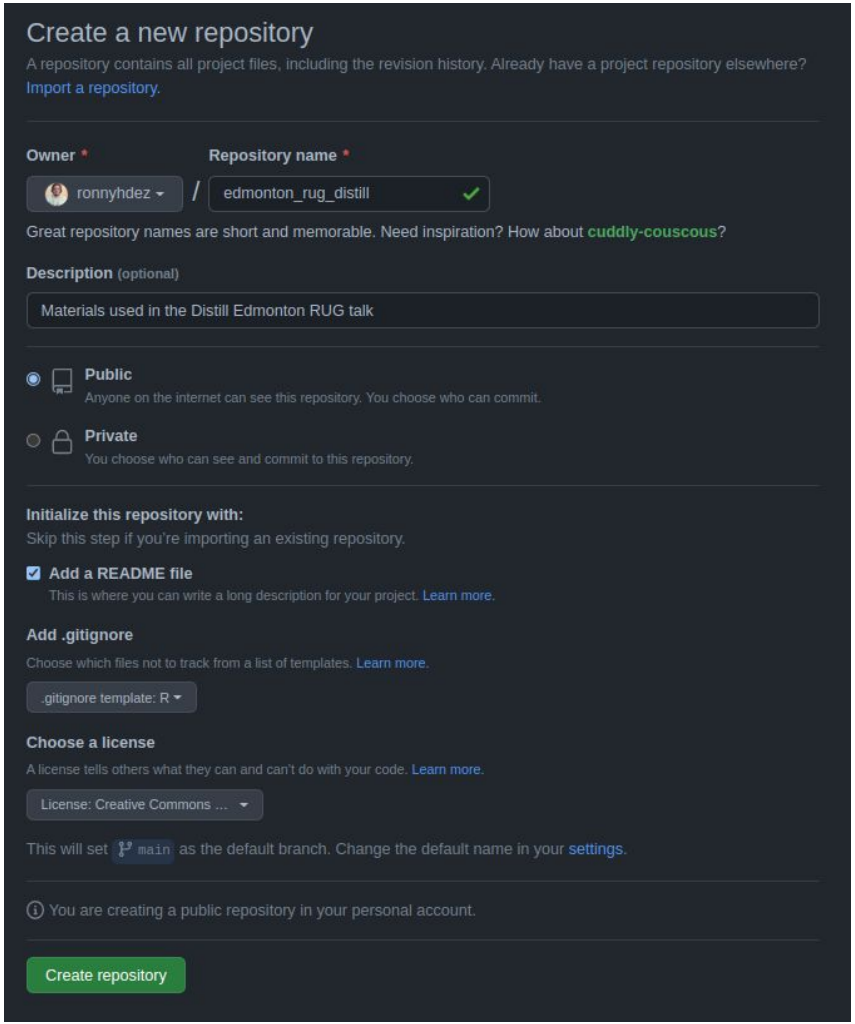


Distill elements

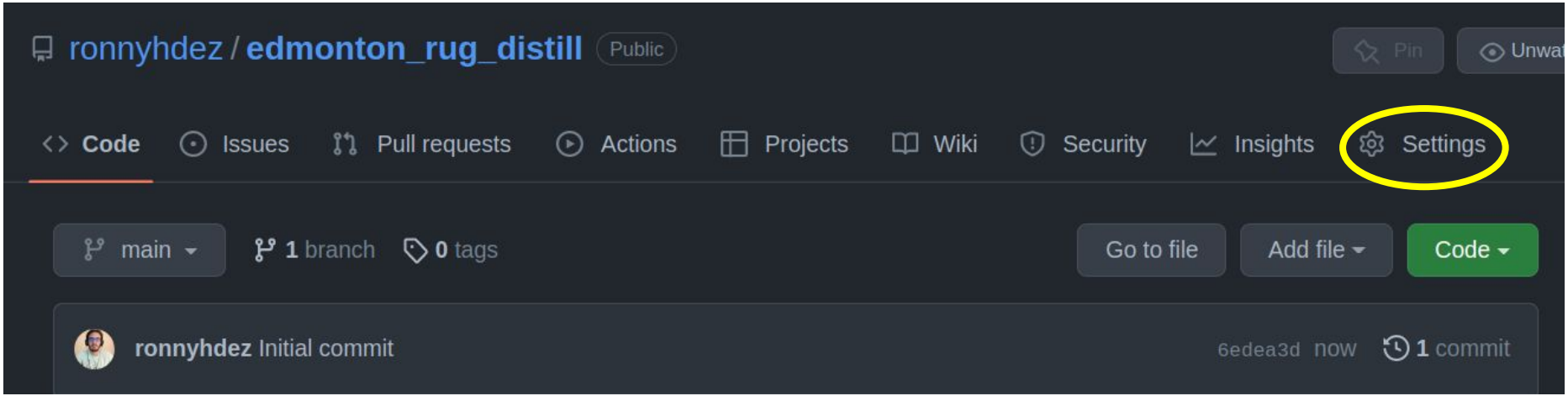


GitHub

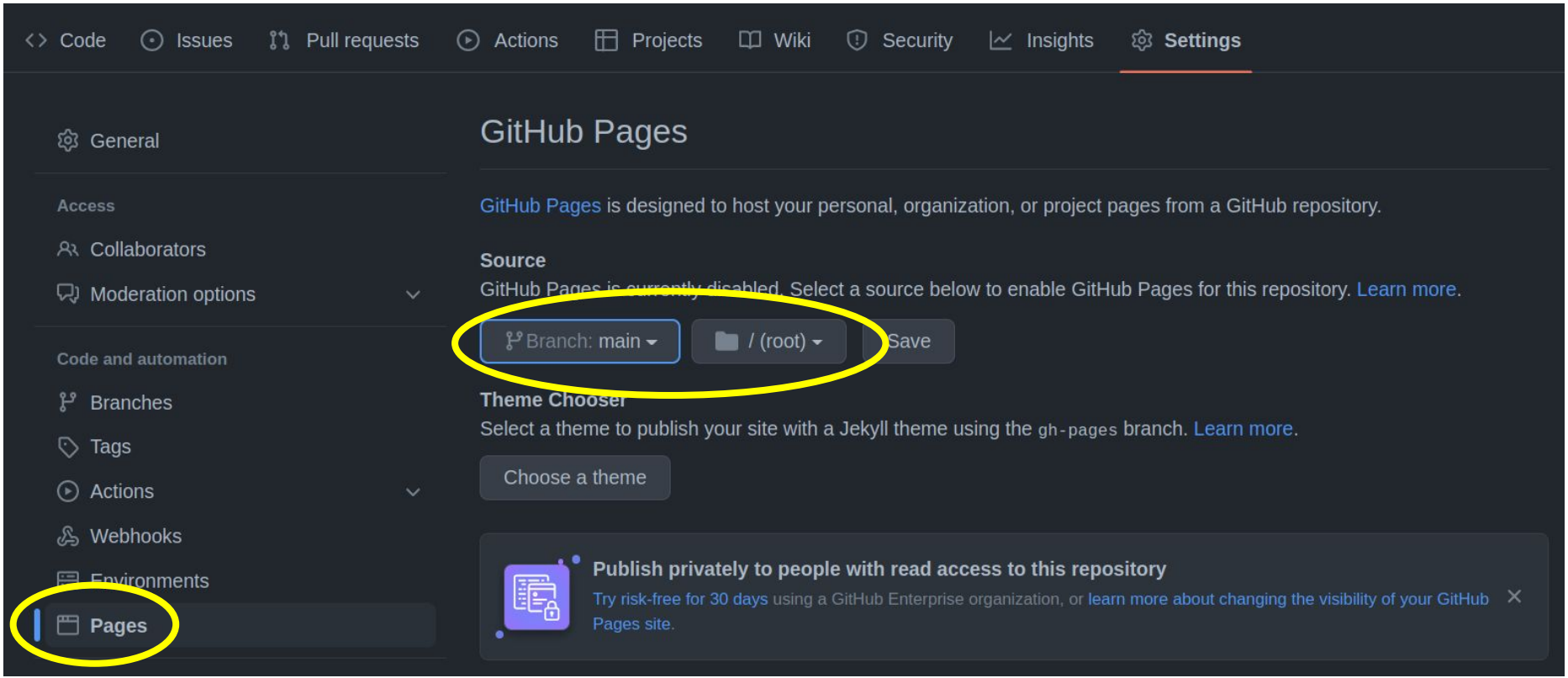
What do we need?



What do we need?



What do we need?



Thanks!

Ronny A. Hernández Mora.

@RonnyHdezM
ronnyhdez
http://ronnyhdez.rbind.io/