

Creating a website for scientific and technical communication

With Distill R package and GitHub pages



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- 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



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Edmonton R User Group

YEG
RUG



<https://github.com/yegrug/>



<https://yegrug.github.io/>



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



We have meetings every month!

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



Static

For every request, the content will be the same.

- Blogs
- Front business/institutional pages

Compared to dynamic websites are easier to build.



Dynamic

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:

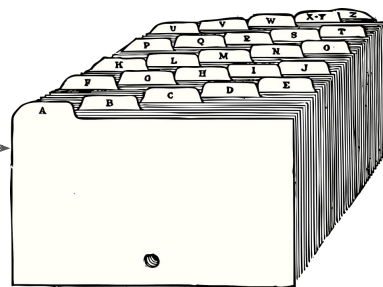


Hosting

Routing



Content



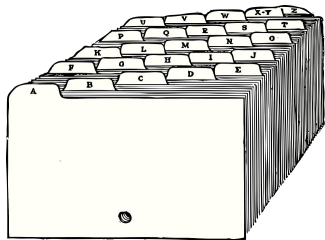
Webpages 101



Hosting



Routing



Content





What can we do with Distill?

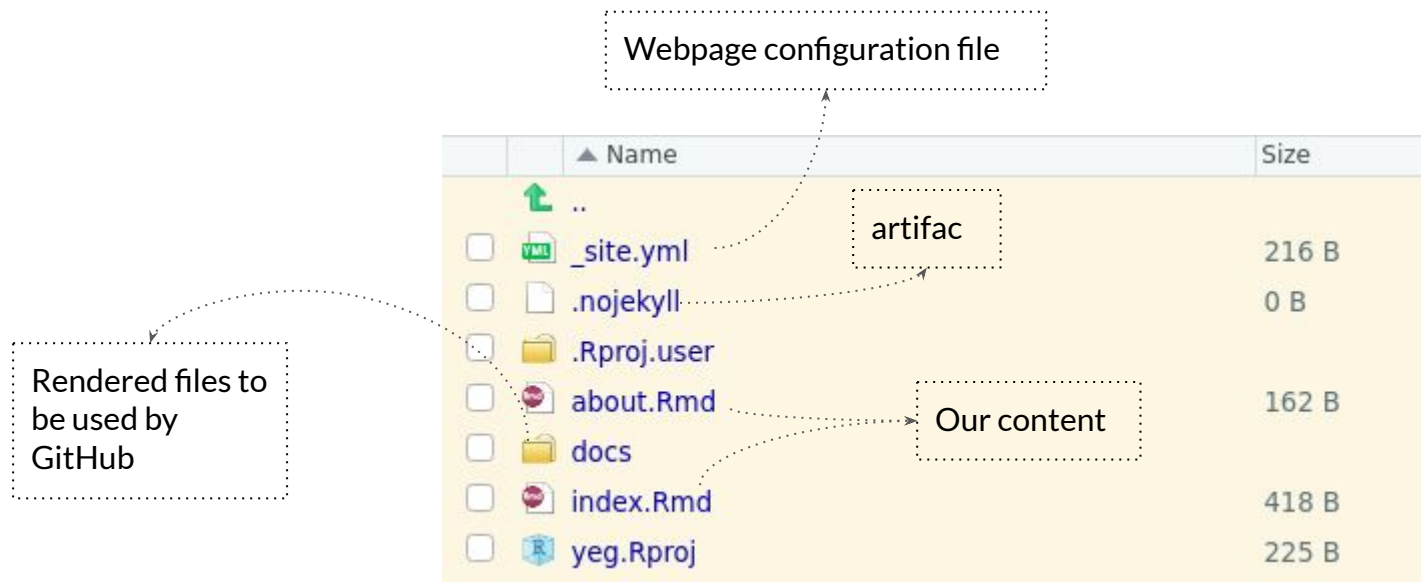


blog



website

Distill elements





GitHub


What do we need?

Create a new repository

A repository contains all project files, including the revision history. Already have a project repository elsewhere? [Import a repository.](#)

Owner *

Repository name *

 ronnyhdez ▾


 /

edmonton_rug_distill ✓


Great repository names are short and memorable. Need inspiration? How about [cuddly-couscous](#)?

Description (optional)

Materials used in the Distill Edmonton RUG talk

☒  **Public**

Anyone on the internet can see this repository. You choose who can commit.

☐  **Private**

You choose who can see and commit to this repository.

Initialize this repository with:

Skip this step if you're importing an existing repository.

☒ **Add a README file**

This is where you can write a long description for your project. [Learn more.](#)

Add .gitignore


Choose which files not to track from a list of templates. [Learn more.](#)


.gitignore template: R ▾

Choose a license

A license tells others what they can and can't do with your code. [Learn more.](#)

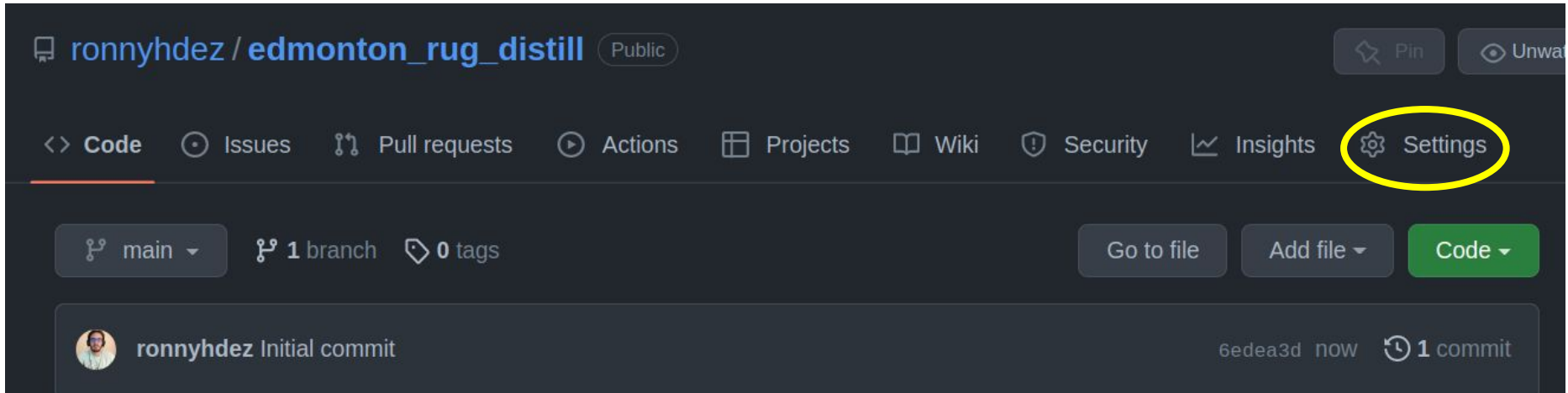
License: Creative Commons ... ▾

This will set  `main` as the default branch. Change the default name in your [settings](#).

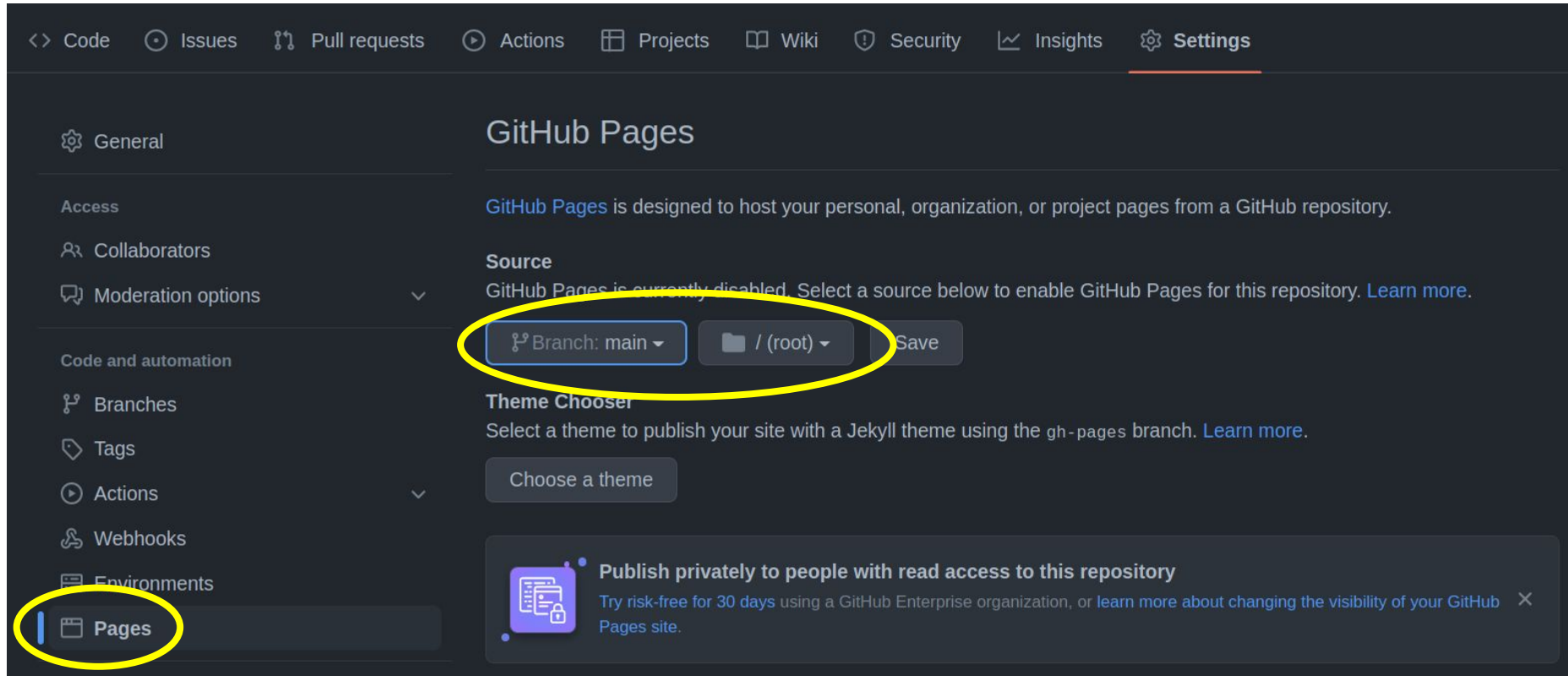
 You are creating a public repository in your personal account.

Create repository

What do we need?



What do we need?



<> Code Issues Pull requests Actions Projects Wiki Security Insights **Settings**

General

Access

Collaborators

Moderation options

Code and automation

Branches

Tags

Actions

Webhooks

Environments

Pages

GitHub Pages

GitHub Pages is designed to host your personal, organization, or project pages from a GitHub repository.

Source

GitHub Pages is currently disabled. Select a source below to enable GitHub Pages for this repository. [Learn more.](#)

Branch: main / (root) Save

Theme Chooser

Select a theme to publish your site with a Jekyll theme using the gh-pages branch. [Learn more.](#)

Choose a theme

Publish privately to people with read access to this repository

Try risk-free for 30 days using a GitHub Enterprise organization, or [learn more](#) about changing the visibility of your GitHub Pages site. ✕



Thanks!

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