

Create your own website!

Using R Markdown, Distill, and Github

R markdown

Use R to create formatted text, code, and figures

R Markdown

from R Studio

Get Started

Gallery

Formats

Articles

Book

References



Analyze. Share. Reproduce.

Your data tells a story. Tell it with R Markdown.

Turn your analyses into high quality documents, reports, presentations and dashboards.

<https://rmarkdown.rstudio.com>

Distill



Example websites

Source: [vignettes/examples.Rmd](#)

The examples below illustrate the use of Distill for making websites and blogs.



[RStudio AI Blog](#)



[The Mockup](#)



[Piping Hot Data](#)



[Michael Clark: Statistics, Data, Science](#)



[Before I Sleep](#)



[Matt Worthington](#)



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

GitHub



<https://github.com>

Create your own website!

A few questions you may be asking yourself...

- Do I really need a (new) website?
- What kind of website do I need?
- Is Distill the right tool for my website needs?
- Is GitHub the right host for me?
- Do you need my own custom domain?
- How do I learn to deploy websites with Distill?



Preparation

For the workshop, there are some **simple prerequisites**. Please make sure all the following points are ready on your laptop **before** you come to the workshop.

1. Install R and RStudio
2. Install the the following packages in RStudio:

```
install.packages(c("distill", "rmarkdown", "postcards"))
```

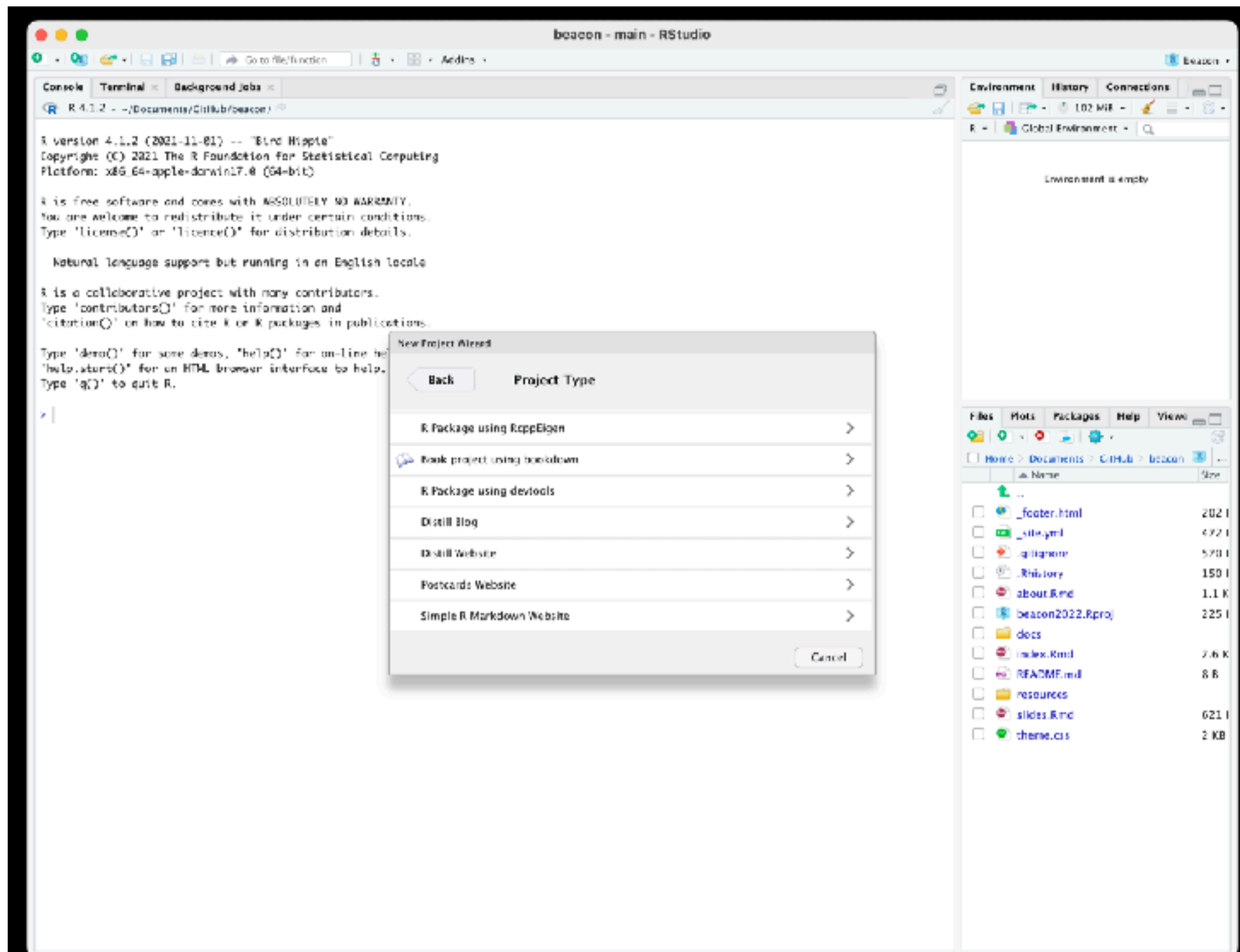
3. Create a GitHub account
4. Install GitHub Desktop

On the day of the workshop, **bring your laptop** and **any material you want on your website** (photo, text about you, your project analyses in R, instructions for making bagels etc..).

If you have any trouble with the preparations, please send Gayoung an email!


Create a Distill Project

Distill website



Create Postcard (optional)

Tresles



Frank Hermosillo

[LinkedIn](#) [Twitter](#) [GitHub](#) [Email](#)

Bio

Frank Hermosillo studies neural networks and their applications at Google Brain. His research focuses on differentiable network pruning approximation and decentralized gradient inversion mechanics. He frequently collaborates with researchers who study machine learning, computer vision, and cognitive science. His work has been featured in WIREX, The Atlantic, Newsweek, and The New York Times Magazine.

Education

Massachusetts Institute of Technology | Cambridge, MA
Ph.D. in Computer Science | September 2009 - May 2014
The University of California, Berkeley | Berkeley, CA
B.S. in Computer Science | September 2005 - May 2009

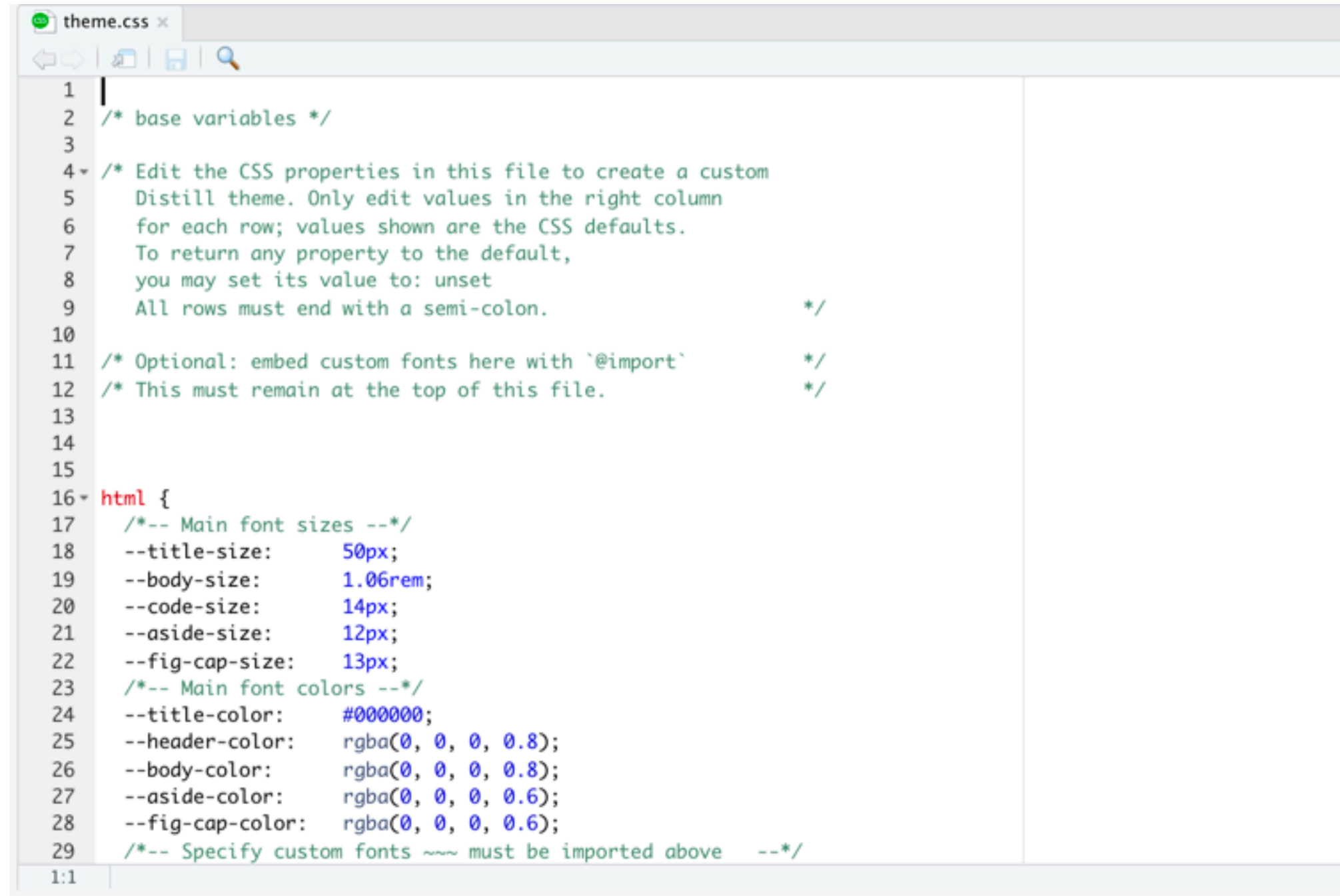
Experience

Google Brain | Principle Investigator | January 2008 - Present
Netflix | Research Scientist | June 2004 - December 2007

```
title: "Frank Hermosillo"
image: "frank.jpg"
links:
  - label: LinkedIn
    url: "https://linkedin.com/"
  - label: Twitter
    url: "https://twitter.com/"
  - label: GitHub
    url: "https://github.com/"
  - label: Email
    url: "mailto:email@email.com"
output:
  postcards::tresles
```

<https://github.com/seankross/postcards>

Customize CSS file (optional)



```
1 |
2 /* base variables */
3
4 /* Edit the CSS properties in this file to create a custom
5    Distill theme. Only edit values in the right column
6    for each row; values shown are the CSS defaults.
7    To return any property to the default,
8    you may set its value to: unset
9    All rows must end with a semi-colon. */
10
11 /* Optional: embed custom fonts here with `@import` */
12 /* This must remain at the top of this file. */
13
14
15
16 html {
17   /*-- Main font sizes --*/
18   --title-size: 50px;
19   --body-size: 1.06rem;
20   --code-size: 14px;
21   --aside-size: 12px;
22   --fig-cap-size: 13px;
23   /*-- Main font colors --*/
24   --title-color: #000000;
25   --header-color: rgba(0, 0, 0, 0.8);
26   --body-color: rgba(0, 0, 0, 0.8);
27   --aside-color: rgba(0, 0, 0, 0.6);
28   --fig-cap-color: rgba(0, 0, 0, 0.6);
29   /*-- Specify custom fonts ~~~ must be imported above --*/
30 }
```

<https://rstudio.github.io/distill/website.html#theming>

Configuring the GitHub Repository

The screenshot shows the GitHub web interface for the repository 'matarui/beacon'. The top navigation bar includes the GitHub logo, a search bar, and links for 'Pull requests', 'Issues', 'Marketplace', and 'Explore'. Below this, the repository name 'matarui/beacon' is displayed with a 'Public' badge. Action buttons for 'Pin', 'Unwatch' (1), 'Fork' (0), and 'Star' (0) are visible. A secondary navigation bar contains links for 'Code', 'Issues', 'Pull requests', 'Actions', 'Projects', 'Wiki', 'Security', 'Insights', and 'Settings' (which is highlighted).

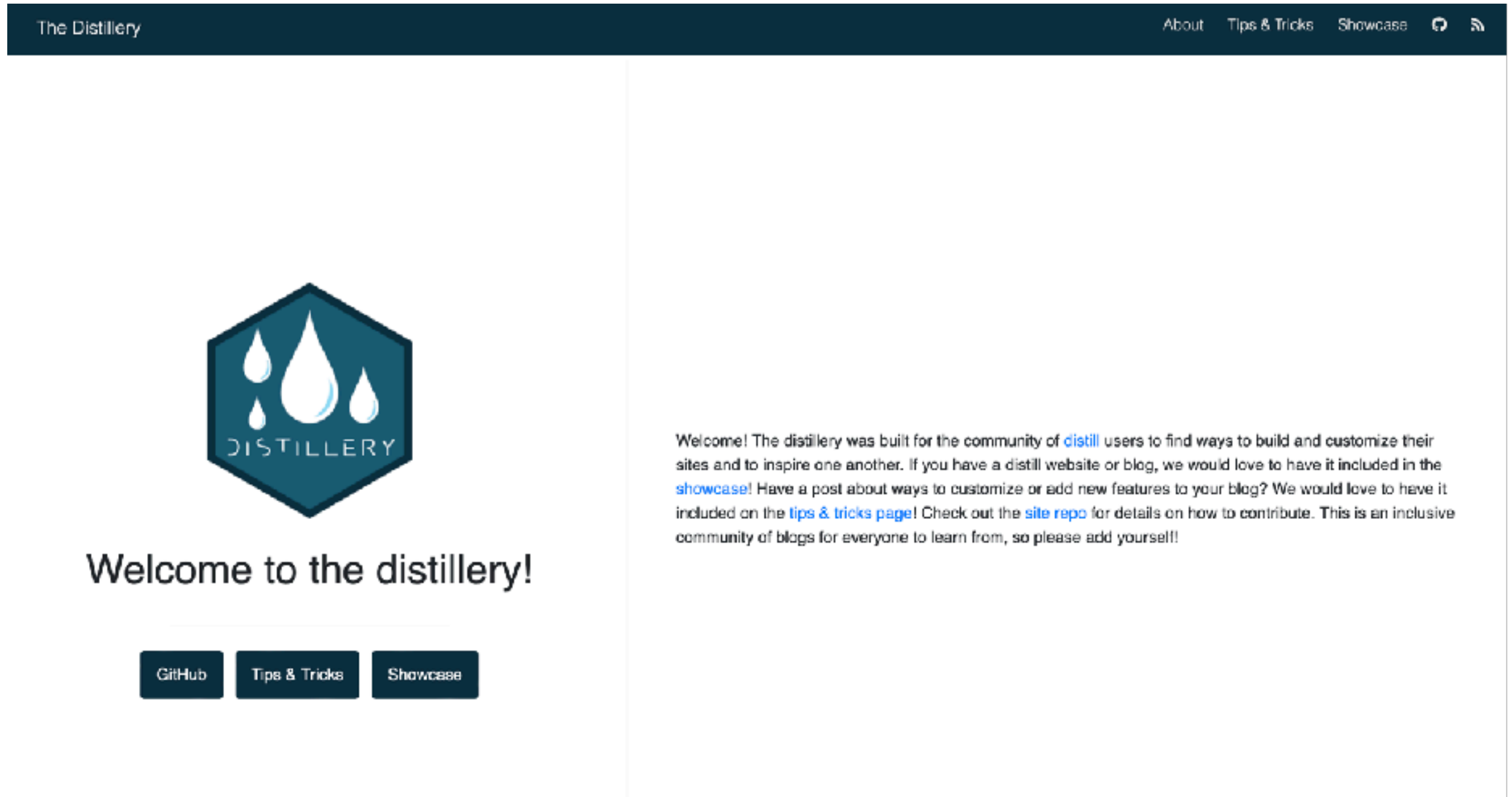
The left sidebar shows the 'Settings' menu with categories: 'General', 'Access', 'Collaborators', 'Moderation options', 'Code and automation', 'Branches', 'Tags', 'Actions', 'Webhooks', 'Environments', 'Pages' (selected), 'Security', 'Code security and analysis', and 'Deploy keys'.

The main content area is titled 'GitHub Pages'. It states: 'GitHub Pages is designed to host your personal, organization, or project pages from a GitHub repository.' Below this, a box indicates: 'Your site is live at <https://matarui.github.io/beacon/>' and 'Last deployed by github-pages 3 days ago'. A 'Visit site' button is present.

The 'Build and deployment' section shows the 'Source' as 'Deploy from a branch'. Under 'Branch', it states: 'Your GitHub Pages site is currently being built from the /docs folder in the main branch. [Learn more.](#)' Below this are dropdowns for 'main' and '/docs', and a 'Save' button.

At the bottom, it says: 'Learn how to [add a Jekyll theme](#) to your site.' and 'Your site was last deployed to the [github-pages](#) environment by the [pages build and deployment](#) workflow.'

Additional resources



<https://distillery.rbind.io>