

MAKING WEBSITES

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- For our purposes a website is a collection of related pages, written in HTML, hosted on a server, and retrievable using an easy-to-remember name

Why do I need to make one?

- Personal site, so people (employers) can find you
- Site for a project
- Site for an R package
- I dunno, you want to blog?

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(Golden age of the internet)

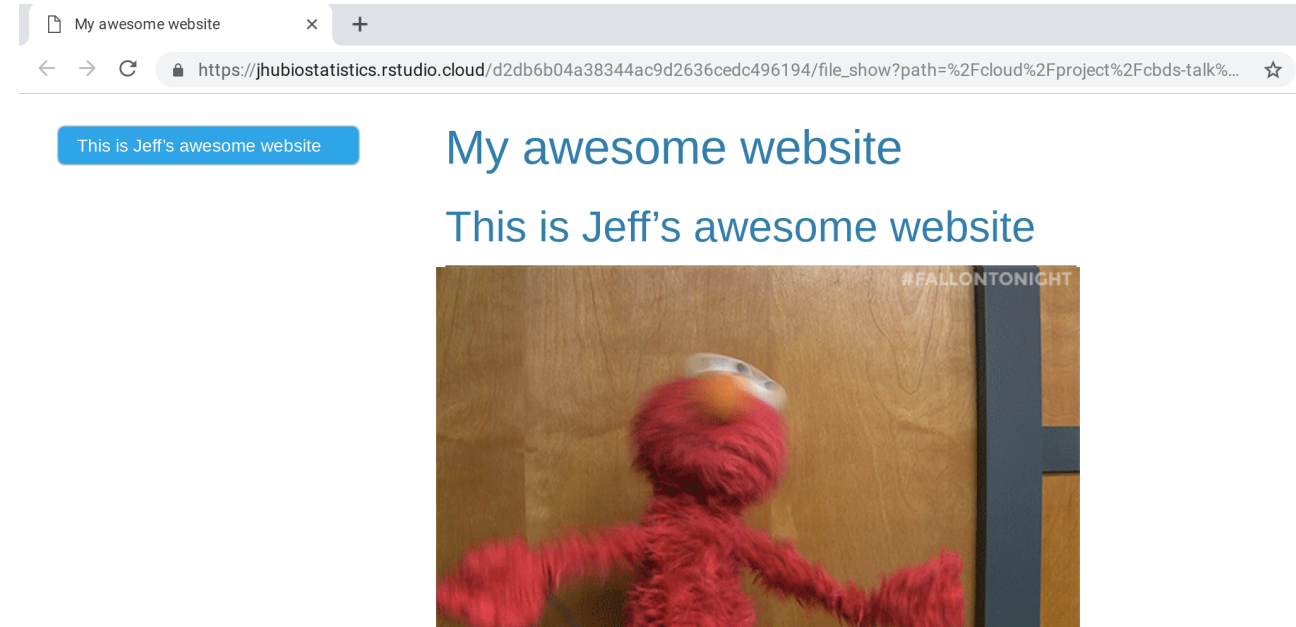
Plus you already know RMD

- R Markdown renders content (with or without R code) to several formats, including HTML
- That is, you can write a detailed website using only R
- Occasionally, knowing some HTML will get you out of trouble, but it's not necessary for a lot of stuff

rmarkdown

```
---  
title: "My awesome website"  
output:  
  html_document:  
    toc: true  
    toc_float: true  
    theme: cerulean  
---  
# This is Jeff's awesome website  
  

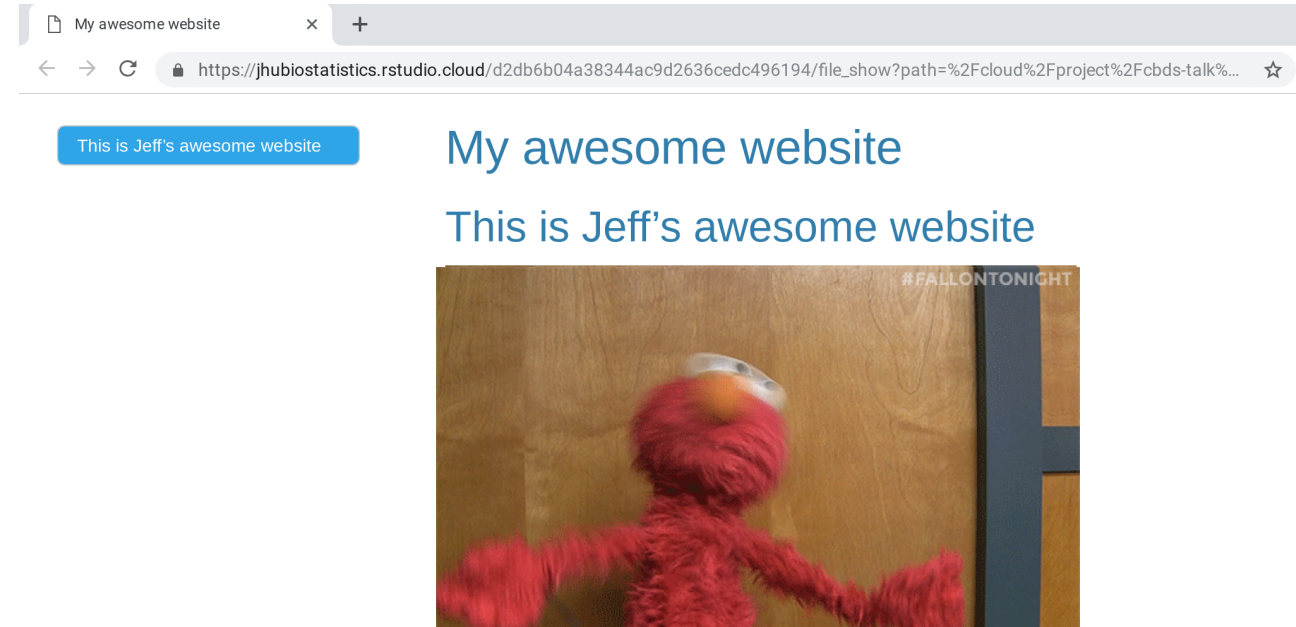
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Knowing RMD is half the battle



- R Markdown can be used to build the website, but you still have to host it for other people to be able to find it
- Lots of places let you host things for free now, including GitHub
 - Repository = website
 - Domain names are well-structured
 - New pushes to remote are reflected in the web site
 - Easy collaboration on websites for projects

Workflow for websites

- A lot like your “standard” workflow:
 - Create repo + R Project
 - Copy template website into the directory
 - Edit repo settings so GitHub knows this is a website
 - Edit content and push