MAKING WEBSITES

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What is a "web site"??

- Just kidding, we all know what a website is … **Or do we?**

- 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?

Do I need to know HTML?

- Of course not, this isn't 1997 and you're not putting a website on geocities

(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

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 a directory
  - Copy template website into the directory
  - Set up an R Project
  - Turn on Git for the directory
  - Create a remote repository, and push the template
  - Edit repo settings so GitHub knows this is a website
  - Edit content and push