



CMPSC 302

WEB DEVELOPMENT



Creating “static” sites



Or another “static site generator”



It's called the Jamstack



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Or another "static site generator"



JAMSTACK



Markdown is actually markup?



- * Another document language that “tags” content
- * Allows us to create a hierarchy using shorter tags that static site builders make into HTML
- * Doesn't require any direct code
- * Most static site generators still allow HTML in these files



Meet Hugo



- ✦ Static site generator/builder
- ✦ Uses open-source, available themes
- ✦ Uses Markdown to create pages
- ✦ Uses Netlify to display content (like Heroku, but a bit different)
- ✦ Has a downloadable package that's v. useful



Steps to complete the demo

- * Download hugo for your operating system
 - * Link provided in Discord
- * Clone the cmpsc-302-project-static-site-demo
- * Open the config.toml file from the repository



Netlify is a verb

- * Head to netlify.com and create an account
- * Once in, find “Add new site”
 - * Click “Import an existing project”
- * Choose GitHub as your git provider
- * Locate our course organization
 - * Locate your repository



Netlify is a verb

- * Netlify will give you an address that looks a bit silly, something like:
 - * `strange-bean-a234.netlify.app`
- * The above is the URL of the deployed site
- * To check on your deploy progress, click “Deploys”