

Visual Studio **LIVE!** | AUSTIN
EXPERT SOLUTIONS FOR ENTERPRISE DEVELOPERS

Building a Better GitHub Pages Experience Using Azure Services, How Hard Can It be?

Chris Klug | @ZeroKoll
Developer / Architect
Active Solution

Level: Intermediate

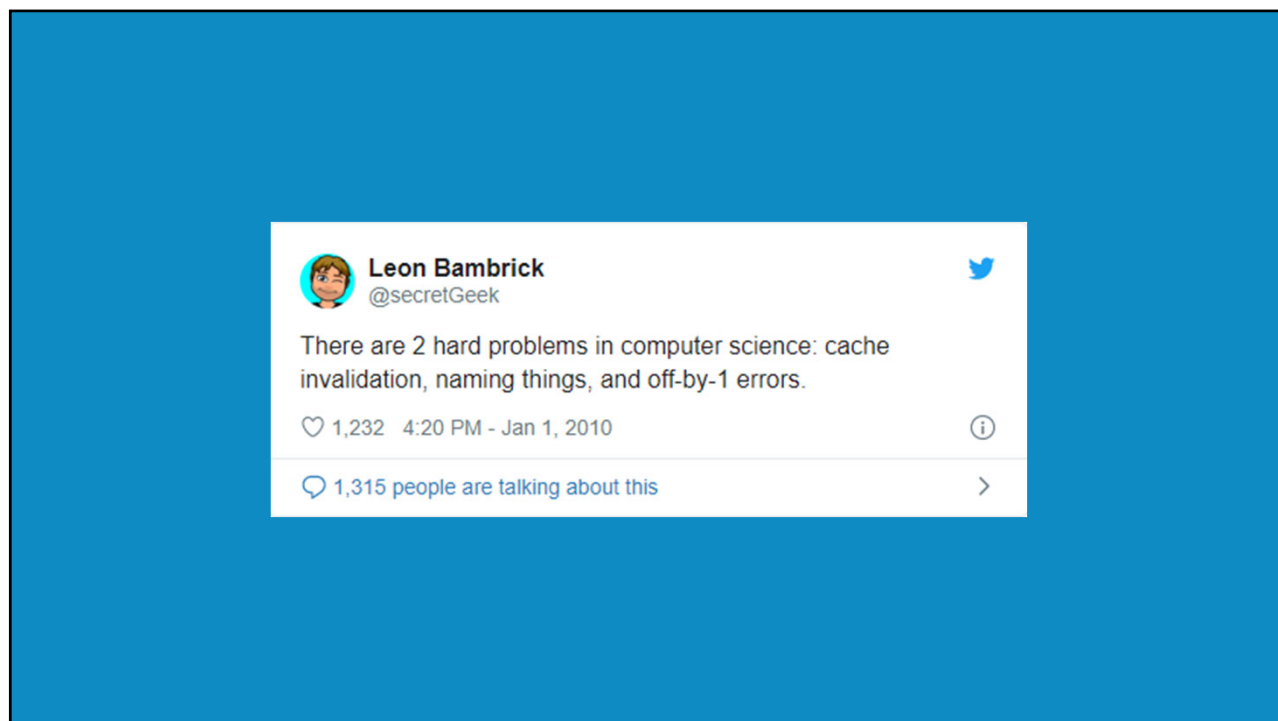
#VSLIVE

NO CODE LIMITS

“
STILL LOOKING
FOR THE RED PILL

active
SOLUTION

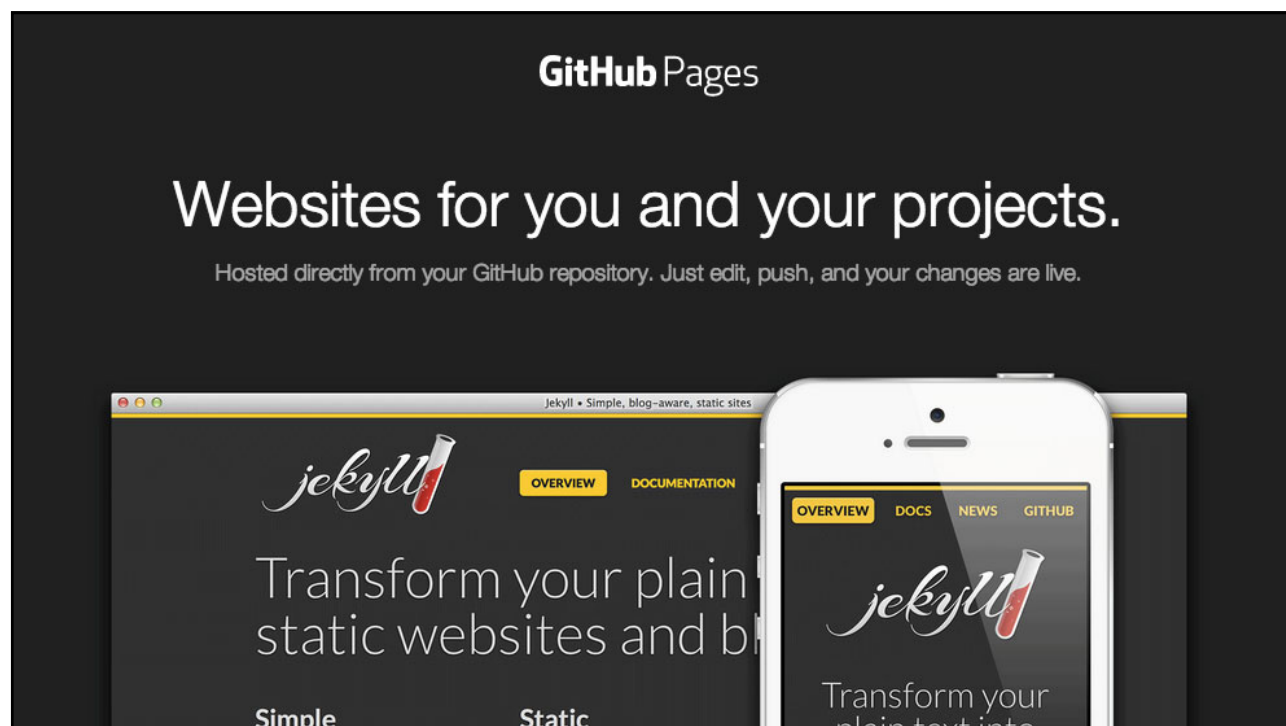
TH08 - Building a Better GitHub Pages Experience Using Azure Services, How Hard Can It be? - Chris Klug



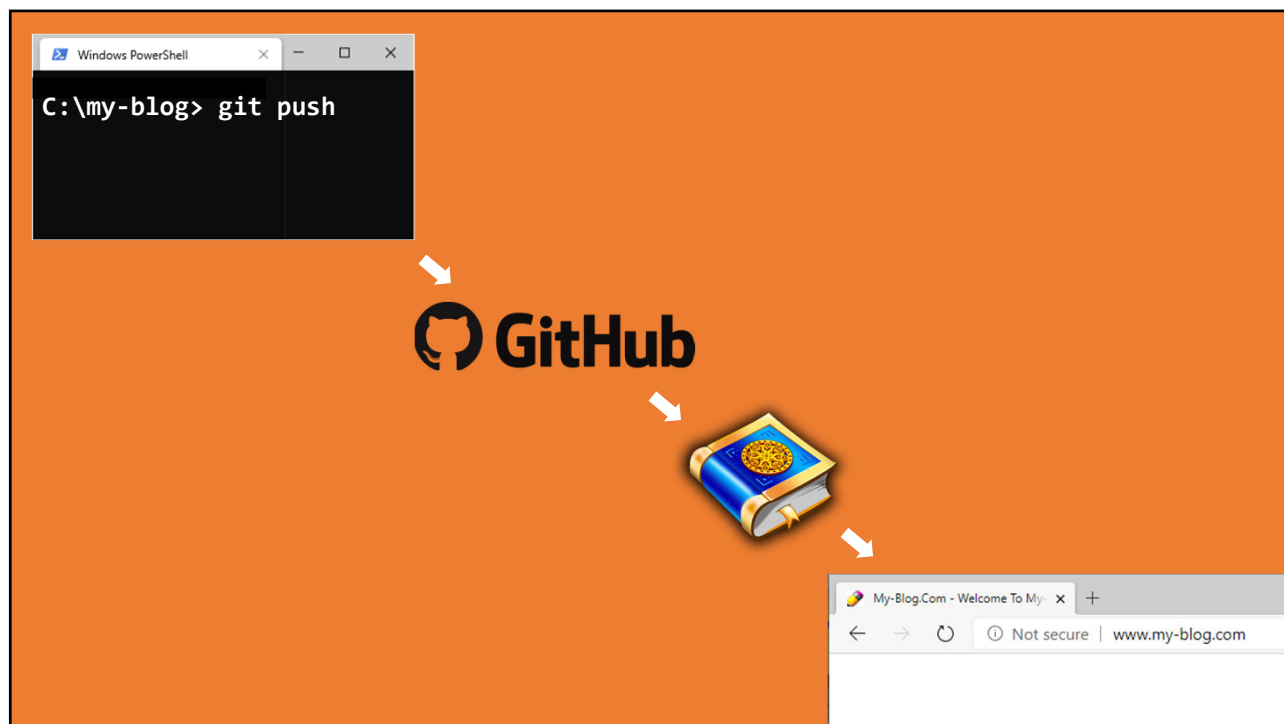
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There are only 3 hard things in Computer Science: cache invalidation, naming things, off-by-1 errors and **choosing a blog platform**

- Chris Klug



What are GitHub Pages?



GitHub Pages Features

Automated static site generation

Free website hosting

Support for custom domains

Automatic TLS support

GitHub Pages Caveats

Repo must be on GitHub

Repo name must be <username>.github.io

No customization of the Jekyll pipeline



Automated static site generation

Free website hosting

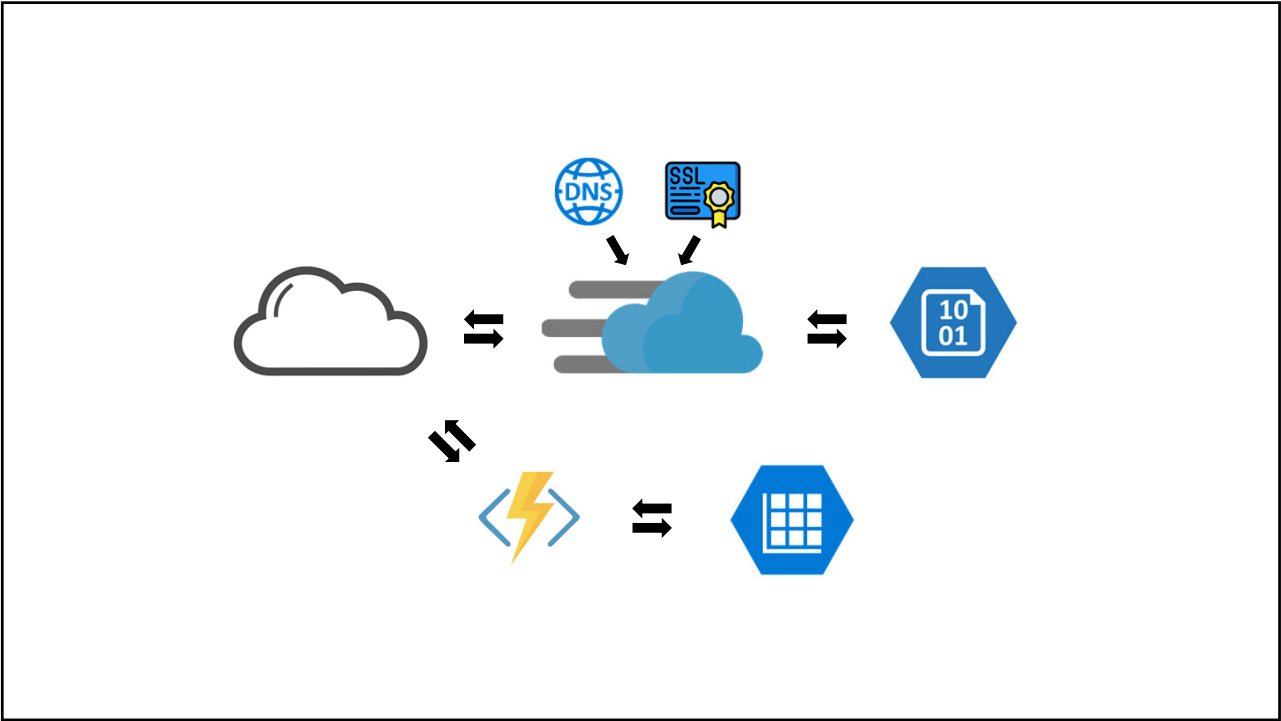
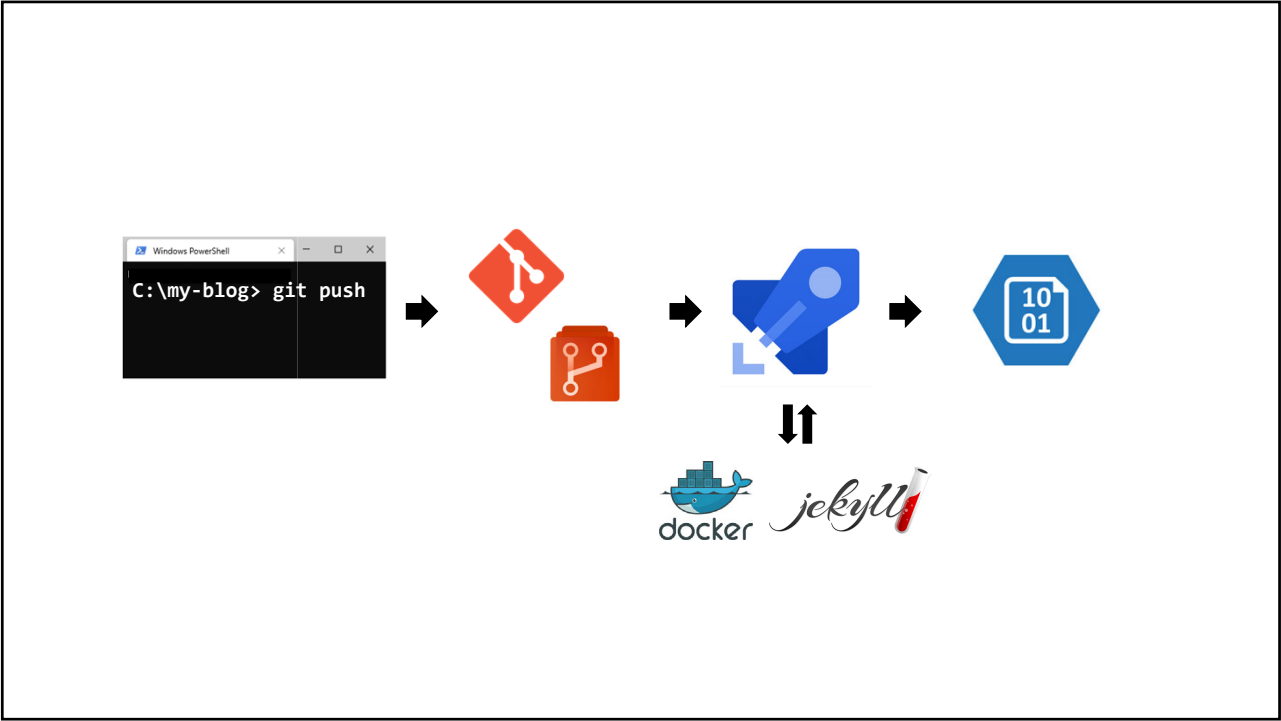
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**Woah! That is a
lot of stuff!?!?**

- | | |
|---------------------------------|---------------------|
| Azure DevOps (Repo & Pipelines) | HTML/JavaScript/CSS |
| Docker | Markdown |
| Jekyll | TypeScript |
| Azure Blob Storage | YAML |
| Azure Table Storage | Node/npm |
| Azure Functions | |
| Azure CDN | Git |
| Azure DNS | Pulumi |

