HAMMER TIME:
STATIC BLOG IN RUBY

by Anton Katunin
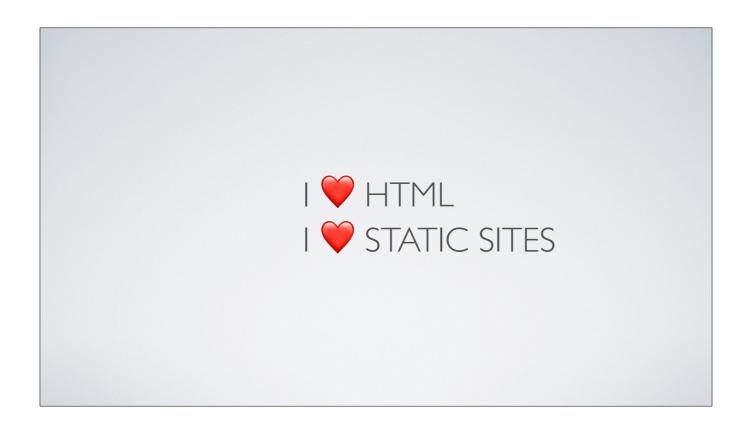@antulik

Welcome, my name is Anton and today I will talk about static blogs in ruby

THIS IS
A LIGHTING TALK

5 min

This is a lightning talk. All I have is 5 minutes

ABOUT ME

A bit out myself, aahhhh, we don't have time for that

I love HTML and I love static sites

https://jekyllrb.com
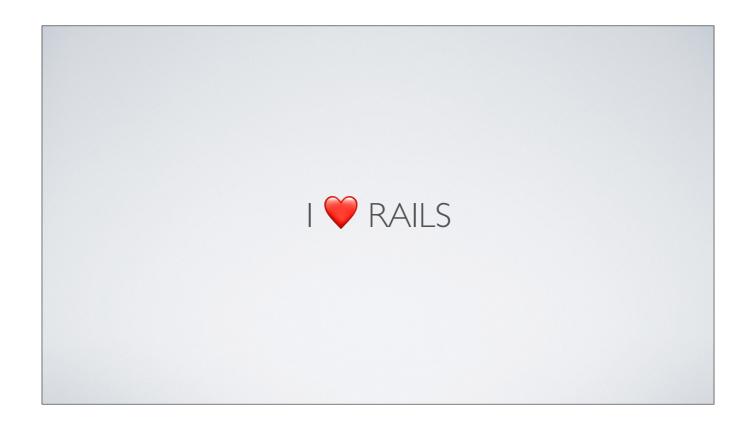
Long time ago I migrated my blog from blogger.com to jekyll. Jekyll is a popular ruby static site generator, which could be used for GitHub pages. But I didn't like it, it was missing too much functionality for a blog.

JEKYLL + STEROIDS =

OCTOPRESS
A blogging framework for hackers.

http://octopress.org/

So I decided to switch to octopress. Octopress gives you everything you need for blogging with jekyll. But again it was a pain to use it

I ❤️ RAILS

And then I thought…. I also love rails….

"if all you have is a hammer, everything looks like a nail"

—Law of the instrument
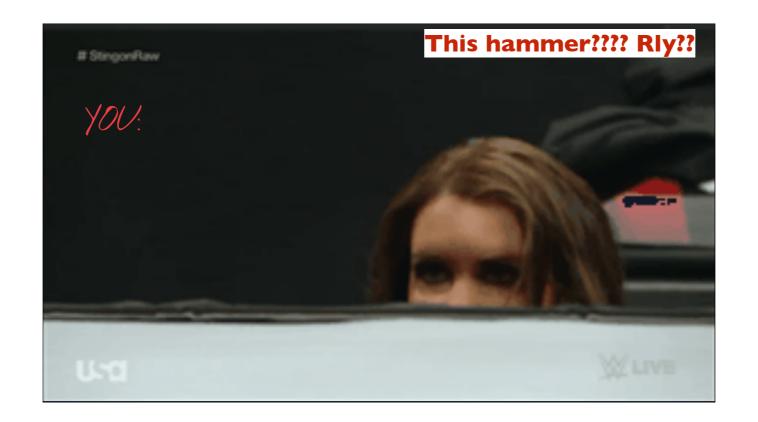
Remembering the law of instrument. If all you have is a hammer, everything looks like a nail.

So I needed my hammer

https://rubyonrails.org/

Rails

But you might be thinking… This hammer?? Really???
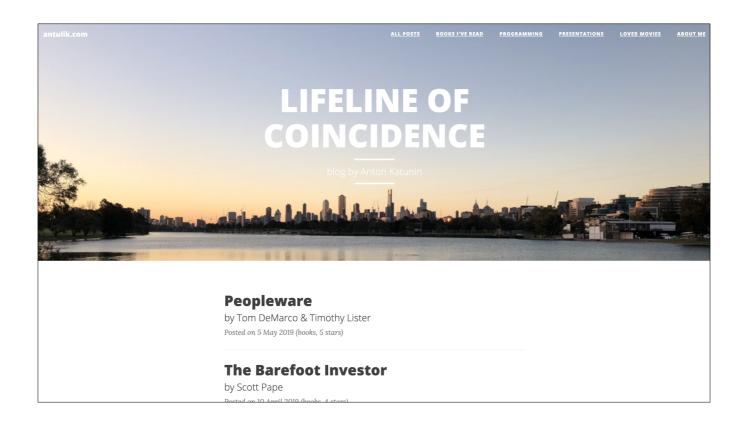
I mean.. using Rails.. for static site??? What could possibly go wrong

DONE IT
4 YEARS AGO
http://antulik.com/

But I've done 4 years ago

That's a screenshot of my blog. But why static?

LIST OF 300 POSTS

55MS DELIVERED

750MS FOR EVERYTHING
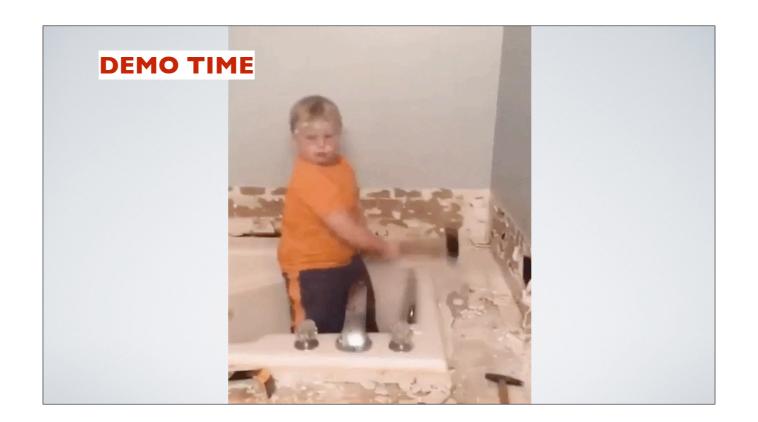
I'll give you an example. One page that lists 300 hundred posts is delivered in 55ms. That's delivered to the browser, including request time. And the full page is loaded in under a second.

Soo boom!!

THE MAIN QUESTION IS
HOW?

The main question is how?

Gladly it is a demo time, De-mo time

But there is no time!

So slides time!

LAST YEAR

gem install rackula

https://github.com/socketry/rackula

4 years ago I've wrote my custom solution
And last year I saw a gem called rackula which does the same

HOW DOES IT WORK?
WGET

So how does it work? One word: WGet

WGET?

wget? What? Wat? Wut?

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GNU Wget

Introduction to GNU Wget

GNU Wget is a free software package for retrieving files using HTTP, HTTPS, FTP and FTPS the most widely-used Internet protocols. It is a non-interactive commandline tool, so it may easily be called from scripts, `cron` jobs, terminals without X-Windows support, etc.

GNU Wget has many features to make retrieving large files or mirroring entire web or FTP sites easy, including:

- Can resume aborted downloads, using `REST` and `RANGE`
- Can use filename wild cards and recursively mirror directories
- NLS-based message files for many different languages
- Optionally converts absolute links in downloaded documents to relative, so that downloaded documents may link to each other locally
- Runs on most UNIX-like operating systems as well as Microsoft Windows
- Supports HTTP proxies
- Supports HTTP cookies
- Supports persistent HTTP connections
- Unattended / background operation
- Uses local file timestamps to determine whether documents need to be re-downloaded when mirroring

you know… GNU Wget or also known as World Wide Web get

2014-02-09 07:38:43 (583 KB/s) - `Wget' saved [91646]

adam@a:~$

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Screenshot of Wget running on Ubuntu and downloading this Wikipedia page about itself.

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ABOUT GNU   NU   More ▼

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Original author(s) Hrvoje Nikšić

Developer(s) Giuseppe Scrivano, Tim Rühsen,

Initial release January 1996; 23 years ago

Stable release months ago

Repository git.savannah.gnu.org/git/wget.git

Written in C

Operating system Cross-platform

Type FTP client / HTTP client

License GPLv3+[2]

Website www.gnu.org/software/wget/

You know… the one which was released 23 years ago

So how does it work? Rackula gem and my script do the same thing. We start new rails server and call wget command. When wget is finished you get a folder with all pages saved for the offline use. That includes javascript, images, everything. Simply magic

AND YOU ARE
DONE

And you are done

UPLOAD ANYWHERE
YOU WANT

Upload it anywhere you want

gem install s3_website

that's what I use ☝️

I personally use a tool called s3_website.
It is a command line tool to deploy website to Amazon S3

THE END

ME
AND
MY
HAMMER

And that's how you do a static site in Rails. That's one more day with my hammer. Thank you

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- Using Rails for printing Ruby tags for meetup

- How meetup.com was integrated with Ruby Down Under forum

- Building zero gravity chair

- My ergonomic workstation

- DIY keyboard platform

- Apple is lying to you, my Mac story

You can even pick the topic for my talk. You can learn how ruby tags for this meetup are printed, how I built zero gravity chair, my ergonomic workstation or hear a story how I wasted 3 months with Apple support. Just let me know what you want and I will see you later