🦀 Yet Another Rust SSG

A minimal static site generator built in Rust — not to compete with existing ones, but to learn the language by building something useful (and fun).

> ⚠ This project is not production-grade. It's a personal learning experiment. The code is simple, the structure is primitive, and that's the point.

✨ Features

- 📝 Parses Markdown (`.md`) files with optional YAML frontmatter
- 🧠 Uses Tera templates for rendering pages
- 🌙 Supports a modern dark mode with toggle switch
- 🔁 Hot reload with file watcher and WebSocket live refresh
- 🗂️ Blog + page routing system (`/blog/`, `/about.html`, etc.)
- ⚙️ `--prod` mode for minified HTML and deploy-ready output
- 🌍 Simple dev server via warp

📂 Project Structure

```
yet_another_rust_ssg/
├── content/ # Markdown source files
│ ├── pages/ # Static pages (about, contact, etc.)
│ ├── blog/ # Blog posts
├── templates/ # HTML templates (Tera)
│ ├── base.html
│ ├── page.html
│ ├── blog.html
├── static/ # Static assets (CSS, images)
│ ├── styles.css
├── dist/ # Generated HTML output
├── src/ # Rust codebase
├── Cargo.toml # Rust dependencies
```

🚀 Getting Started

🔧 Requirements

- Rust (latest stable)
- Cargo

🛠️ Build and Run in Development

```
cargo run
```

This will:

- Generate the site in the dist/ folder
- Start a local server at http://localhost:3000
- Watch for content/template changes and reload the browser

🧪 Run in Production

```
cargo run -- --prod
```

🧠 Why Build This?

Because learning Rust by building something from scratch is incredibly rewarding. This project is not meant to replace Hugo, Zola, or Astro — it's a humble, self-contained SSG that taught me a lot about Rust, web tooling, and project structuring.

🐾 License

This project is released under the MIT License. Feel free to fork, hack, or remix it for your own learning journey. 🎓