GENERATE A STATIC WEBSITE WITH TOME

Presented by Stephen Cross
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WHAT IS TOME?

A static site generator for Drupal 8
HOSTING A DRUPAL WEBSITE IS HARD
MINIMUM "COSTS"

- Performance
- Security
PERFORMANCE

- Minimum server requirements
- Database - Webserver
- Caching layers
SECURITY
HAVE YOU EVER?
I could do this with Drupal easily...
but it's not worth it
too much work to maintain it
WHAT IF...

you could lower the Durpal cost?

you could build and forget.
WHAT IF...

you could use all the things your love about Drupal
you could utilize your favorite themes and modules
you could site build and maintain content
WHAT IF...

LAUNCH AND FORGET
TOME IS

- Two sub-modules:
- Tome Static
- Tome Sync
TOME STATIC

- Generates static HTML from your Drupal Website
- Exports all accessible paths (pretty complex)
- /HTML
TWO ENVIRONMENTS

- Site Build and Content Management
- Production Hosting
LIMITATIONS

- Dynamic interactions that call back to Drupal
- Forms
- Comments
- Views - Exposed Filters
- Drupal Search
SOLUTIONS

- JS and 3rd Party Alternatives
- Disqus - Comments
- Forms tools (Netlify)
- JS Search - Lunr
HOW FAR DOES CAN THIS GO?

- Simple blog
- Filtering by tag
- Commenting
- Search
Welcome to Switching To Linux, a resource for the switcher.

Recent Articles

I switched to Linux, you can too.
Submitted by stephencross on Sun, 08/04/2019 - 02:56
This presentation, "I switched to Linux, you can too", was given at Drupal GovCon in July 2019. I describe my reasons for switching from Mac to Linux.

$100 Development Laptop
Submitted by stephencross on Tue, 07/02/2019 - 23:30
At the beginning of 2018 I switched to Linux as my 'daily driver'; I have a desktop and laptop from System76 running Pop, OS! I'm super happy about that switch. Linux is everywhere; from Raspberry Pis to supercomputers. It runs nuclear submarines, refrigerators, air traffic control and my Drupal development environment. It can run fantastically on modern hardware and bring life back to the forgotten computer in the closet.
Notes
Submitted by stephenross on Thu, 06/13/2019 - 23:46

In my quest to use OS agnostic tools, I've switched note-taking applications a few times. I've used Evernote, Apple Notes and Simplenotes and recently discovered Standard Notes.

Read more  0 Comments
Articles

Hello World
Submitted by stephencross on Sat, 06/01/2019 - 12:18
This is the first article I'm posting using Drupal Tome. This is an edit to the content.

Read more  0 Comments
Switching to Linux
Fishshell

Submitted by stephencross on Wed, 06/26/2019 - 00:16

As devs we spend lots of time in the terminal. I recently found fishshell, which is a command line shell like bash or zsh. It requires no configuration and is intuitive to use. The auto suggestions and tab completions appear to be context sensitive. Fishshell has a number of build in commands as well, for example, "ls" lists all files and directories. You can check it out at [https://fishshell.com](https://fishshell.com), it runs on Mac and Linux.

Topics

Software

0 Comments  Switching To Linux  Login

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Start the discussion...

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Keywords
terminal

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Fishshell
Software

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Generate a Static Website with Tome

```
drush tome:static --uri https://www.switchingtolinux.com
```
TOME SYNC

- Manages the import and export of config and content
- Content in json file (like config)
- Check-in content to store in repo
stephencross@pop-os:/dev/tome/switch$ git status
On branch master
Your branch is ahead of 'origin/master' by 1 commit.
  (use "git push" to publish your local commits)

nothing to commit, working tree clean
stephencross@pop-os:/dev/tome/switch$
Create Article ★

Home > Node > Add content

Title *
Test Article

Body (Edit summary)
This is a test article
```bash
stephencross@pop-os:~/dev/tome/switch$ git status
On branch master
Your branch is ahead of 'origin/master' by 1 commit.
  (use "git push" to publish your local commits)

Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git checkout -- <file>..." to discard changes in working directory)
      modified:   content/meta/index.json

Untracked files:
  (use "git add <file>..." to include in what will be committed)
      content/node.709ed525-b205-47df-9928-8cbb8c63b8b7.json

no changes added to commit (use "git add" and/or "git commit -a")
```
USAGE

- Drupal can disappear and be rebuilt from repo.
  Archive a website
- Use a JS front, GatsbyJS, to access content JS files
- CI tool to deploy website entirely from repo
OTHER HELPFUL MODULES

- Tome Netlify
- Lunr
TOME NETLIFY

- Hosting - specialize in static websites
- Tome integration with Netlify
- Push Static HTML to Netlify Account
Deploy to Netlify ★

Home » Administration » Configuration

Submitting this form will deploy the latest static build to Netlify as a draft.

**Deploy title** *

Sent from Tome Netlify

A title to identify this build.

Deploy
<table>
<thead>
<tr>
<th>Content</th>
<th>Structure</th>
<th>Appearance</th>
<th>Extend</th>
<th>Configuration</th>
<th>People</th>
</tr>
</thead>
</table>

**Processing ★**

Initializing.
<table>
<thead>
<tr>
<th>Deploy Preview</th>
<th>Published</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sent from Tome Netlify</td>
<td></td>
</tr>
<tr>
<td>Deploy Preview</td>
<td></td>
</tr>
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<td></td>
</tr>
</tbody>
</table>
LUNR

- Integration between Lunr.js and Drupal
- Full text search without Drupal or Solr
- JS Based
- Basic Lunr configuration (think Search API)
**SUMMARY**

- Utilize your existing Drupal skills and tools
- Not for everything, but has a place
- Launch and Forget
ONE MORE THING...
LINUX
I SWITCHED TO LINUX

- 15 year Apple fanboy
- My way - hardware and choices
- Best platform for Drupal developers
<table>
<thead>
<tr>
<th>Computer</th>
<th>Specs</th>
<th>OS</th>
<th>Artifact:build</th>
</tr>
</thead>
<tbody>
<tr>
<td>ThinkPad T420 (2011)</td>
<td>i5 (2 cores), 8GB RAM, SSD</td>
<td>Linux (Endevour OS)</td>
<td>20 seconds</td>
</tr>
<tr>
<td>Custom Build (2020)</td>
<td>Ryzen i7 (8 cores), 32GB, SSD</td>
<td>Linux (Endevour OS)</td>
<td>7 seconds</td>
</tr>
<tr>
<td>Macbook Air (2018)</td>
<td>i5 (2 cores), 8GB RAM, SSD</td>
<td>macOS Catalina</td>
<td>8+ minutes</td>
</tr>
<tr>
<td>MacBook Pro (2015)</td>
<td>i7 (4 cores), 16GB RAM, SSD</td>
<td>macOS Mojave</td>
<td>6 minutes</td>
</tr>
</tbody>
</table>