Static Websites
The Final Frontier

Juho Vepsäläinen

UNDER
CONSTRUCTION

UNDER
CONSTRUCTION

UNDER
CONSTRUCTION

UNDER
CONSTRUCTION

Juho's homepage

Juho's homepage!

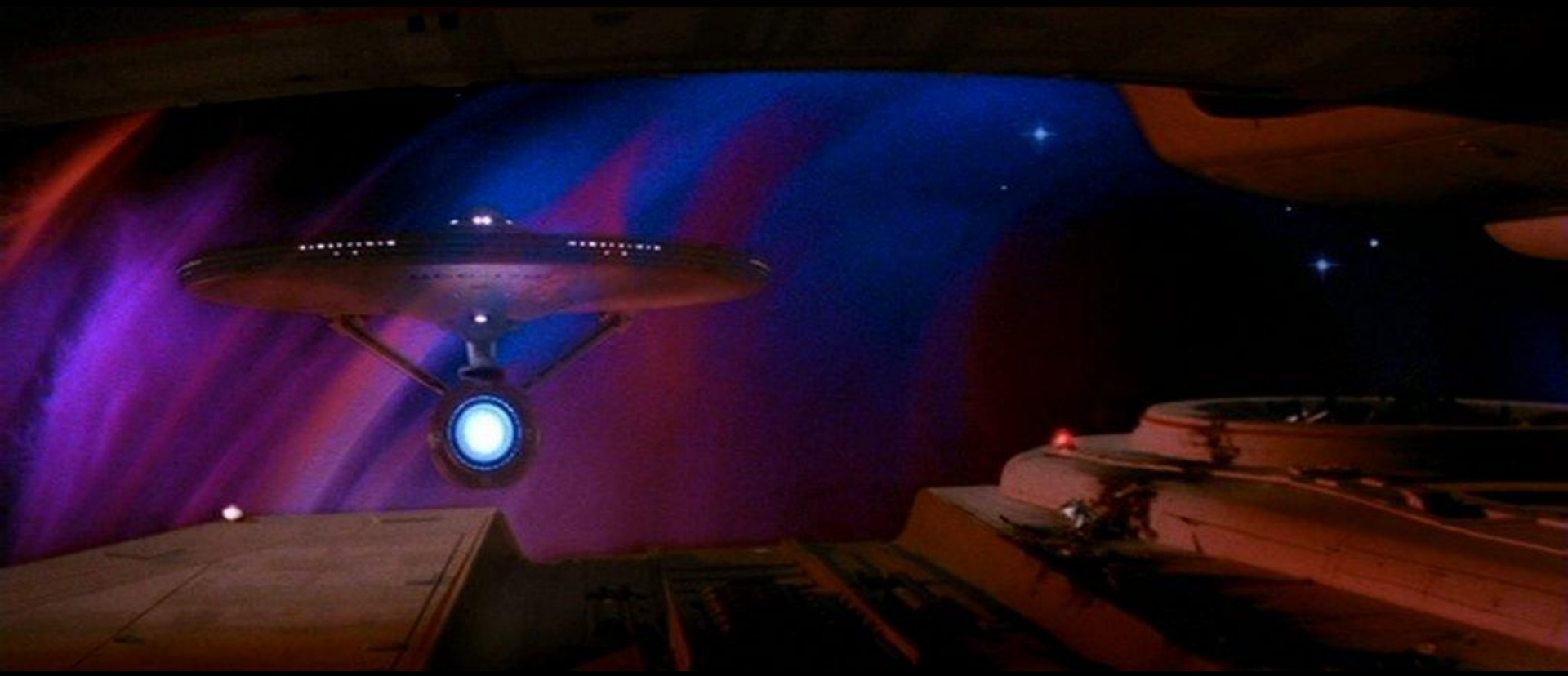
Juho's homepage!

This page is
best viewed with:

Juho's homepage!

Best Viewed In:
chrome

juhoshomepage.com



What

What

Static site

- Atomic
- Simple to host
- Small attack surface
- Developer friendly

CMS

- Dynamic
- Complex to host
- Larger attack surface
- User friendly (UI)

staticSites++

- Not so black and white
- Static sites approach CMSs
- UIs for users against data
- Regenerate site as data changes
- Auth, DB through third parties (proxy, add on top of static site)

Why

Simple

Or as complex as you like

Predictable

Immutable, no side effects
through a database

Scalable

Immutable scales as there’s no state to share

Secure

No need to watch out for CMS updates as long as your static server is safe

Optimizable

A good generator can implement modern web development patterns (PWA, …) for you

Composable

Goes well with the current approaches (React, Vue, ...)

Pitfalls

Massive sites

Massive sites can be expensive to re-generate

Dynamic functionality

Cannot replace a CMS in all use cases (in more than you think)

Future

Smarter site generators

Closer to CMS while providing a great developer experience (DX)

AI and machine learning

You have to mention AI to be trendy, right?

Blockchain

Spoiler: Git implements a blockchain so your static site might already use one

Credits

Under construction [1]
Gifs [1] [2] [3]
Chrome [1]
Jason Whittaker (BY-NC-SA) [1] [2] [3]
x-ray delta one (BY-NC-SA) [1] [2]
kreg.steppe (BY-SA) [1]

Juho Vepsäläinen
@bebraw
SurviveJS - JavaScript consulting and training

How to Develop Sites in 2018?

1. npm install currently-hyped-tech
2. Wait it to install 500 MB of dependencies
3. ???
4. Profit

How to Develop Sites in 2081?

1. You tell Siri to develop a site for you

React Finland