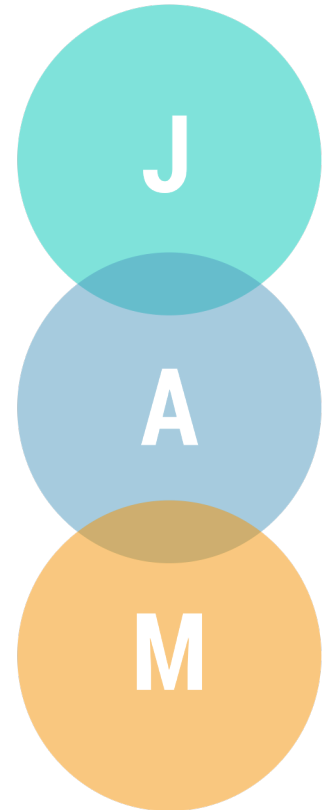


JAMstack

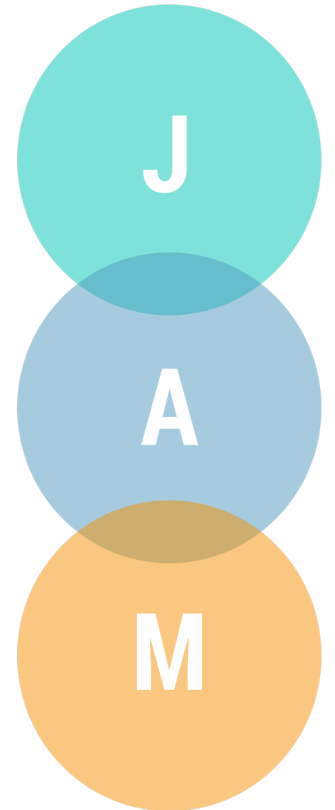
Creating blazing fast & secure sites for tomorrow's web

Dominik Dorfstetter for adesso Austria GmbH



Agenda

- 1 What is JAMstack? 🤔
- 2 Why JAMstack? 🙅
- 3 List of Frameworks 🕶
- 4 Content Management Systems 📖
- 5 Live Coding 💻



What is JAMstack?

JavaScript

APIs

Markup

It's not about specific technologies,
it's a new way of building websites
& apps

<https://jamstack.org>



Why JAMstack?

- Performance & Scalability
- Updates & Portability
- Developer Experience
- Security
- Cost-Efficiency
- Automatic polyfilling (support for legacy browsers)
- Modern language features



Frameworks Overview

<https://www.staticgen.com> - static site generators

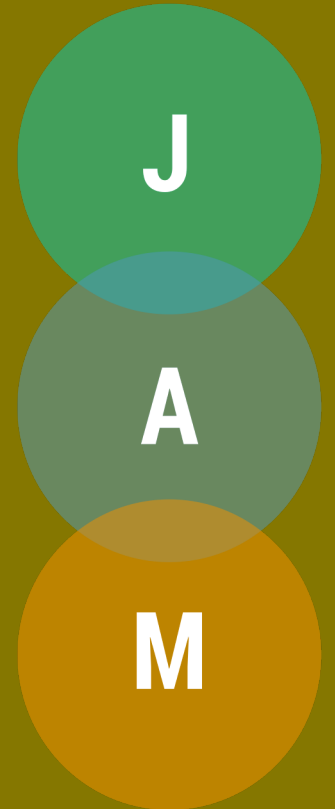
- Gatsby (JavaScript – React)
- Gridsome (JavaScript – Vue)
- Next.js (JavaScript – React)
- Jekyll (Ruby)
- Hugo (Go)



Content Management Systems

<https://headlesscms.org> – list of CMSs for JAMstack sites

- Strapi (API driven)
- Wordpress (API driven)
- Ghost (API driven)
- Netlify CMS (Git-based)
- GraphCMS (API driven)
- Your IDE or GitHub Edit 😎



PROS

simple, fast & reliable

modern frontend tools

developer friendly

structured content

versioning

minimal sysadmin

CONS

basic access control

non-tech authoring



Demo

<https://adesso-js-gatsby.netlify.com>

<https://github.com/adesso-austria/jamstack-gatsby>

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