

### Uniting the team with Jamstack

Trys Mudford

@trysmudford





Speakers Schedule Venue Sponsors Tickets FAQs

#### 22-26 June 2020

#### A stay-at-home conference

SofaConf was a five-day online design conference from Clearleft, the folks behind UX London, Leading Design and Content by Design.

SofaConf has now finished. Thank you for joining us on the sofa, we had an incredible time with you! We'll be returning later this year to bring you fantastic line up of talks, live Q&A's, entertainment and more! Be the first to find out when videos are live, ticket announcements and other event updates.

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# sofaconf







## Come to meetings with the right attitude

#### Tech debt



#### Greenfield

## Have a long term game plan

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## What do you want to be doing more of?



People want to be part of change...

Trial

Prototype

#### Research

trysmudford.com/blog/prioritising-requirements

Control

#### Tria

#### Prototype

#### Research

#### Control

## Choose the least powerful language suitable for a given purpose.

- 1. A server render (like WordPress or Rails)
- 2. SSR (like Next.js or Nuxt.js)
- 3. Jamstack (like Gatsby, Eleventy or Hugo)

#### Live web server

Point of failure

## 

J Javascript
A APIs
M Markup

J DevelopersA StakeholdersM Content team

#### Think systematically

#### Store content in its rightful place

## Jamstack doesn't care if you're a bad backend developer

## We take the performance hit, so our users don't.

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#### Work with domain experts

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#### Deploy early, get the spotlight off you

#### Avoid the 'big reveal'

#### Aim for an anticlimactic go-live

#### "just scalable enough"

env & Environment variables

#### Hugo, Eleventy, Gatsby



11ty.dev

## How to: create a set of pages from an API in Eleventy

```
"data": [
   "name": "Amy Hupe",
   "slug": "amy-hupe",
   "bio": "..."
 },
    "name": "John Cutler",
   "slug": "john-cutler",
    "bio": "..."
```

```
use craft\elements\Entry;
return [
  'endpoints' => [
    'speakers.json' => function () {
      return [
        'elementType' => Entry::class,
        'criteria' => [
          'section' => 'person',
          'isSpeaker' => true,
          'orderBy' => 'title asc'
        'transformer' => function (Entry $entry) {
          return [
            'title' => $entry->title,
            'slug' => $entry->slug,
            'bio' => (string) $entry->bio
          ];
        },
      ];
```

## Craft Element API

```
const fetch = require('node-fetch');
const https = require('https');
const httpsAgent = new https.Agent({
  rejectUnauthorized: false,
});
const API = process.env.API || 'https://events.local';
const CONF = process.env.CONF || 'sofaconf2020';
module.exports = function (path, query = '') {
  return fetch(`${API}/${CONF}/${path}.json${query}`, {
   agent: httpsAgent,
 }).then((x) => x.json());
```

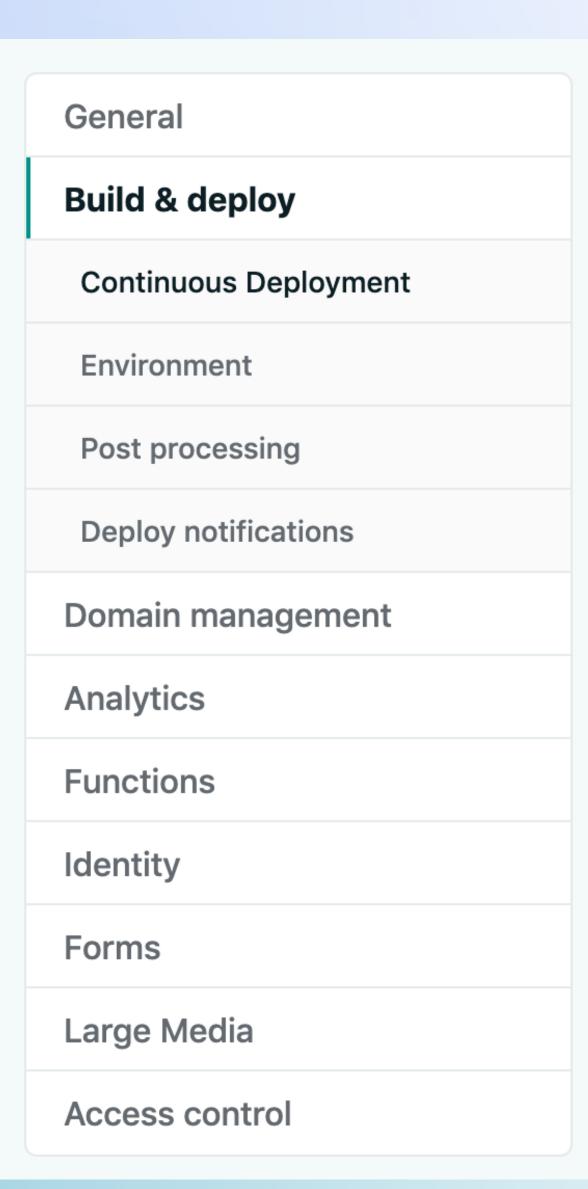
## **Eleventy Content Fetching Abstraction**

```
const fetch = require('node-fetch');
const https = require('https');
const httpsAgent = new https.Agent({
  rejectUnauthorized: false,
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const API = process.env.API || 'https://events.local';
const CONF = process.env.CONF || 'sofaconf2020';
module.exports = function (path, query = '') {
  return fetch(`${API}/${CONF}/${path}.json${query}`, {
    agent: httpsAgent,
 }).then((x) => x.json());
```

## Eleventy Content Fetching Abstraction

```
API = https://staging.events.clearleft.com/api
```

## env file



Edit settings

#### **Environment**

Control the environment your site builds in and/or gets deployed to.

#### **Environment variables**

Set environment variables for your build script and add-ons.

API

https://live.events.clearleft.com

Learn more about environment variables in the docs >

**Edit variables** 

## Injecting live environment variables

```
/* _data/speakers.js */
const fetch = require('../_utilities/content');
module.exports = async function () {
  try {
    return fetch('speakers').then(({ data }) => data);
  } catch (e) {
    return [];
```

## Eleventy Content Fetching

```
<!-- /speakers-pages.njk -->
layout: layouts/base.njk
pagination:
  data: speakers
  size: 1
  alias: speaker
permalink: 'speakers/{{ speaker.slug }}/'
<main>
  <h1>{{ speaker.title }}</h1>
  {{ speaker.bio | safe }}
</main>
```

## Eleventy '-pages.njk'

# Deploying the sites

# Triggering new builds

General **Build & deploy Continuous Deployment** Environment Post processing Deploy notifications Domain management Analytics **Functions** 

#### **Build hooks**

Build hooks give you a unique URL you can use to trigger a build.

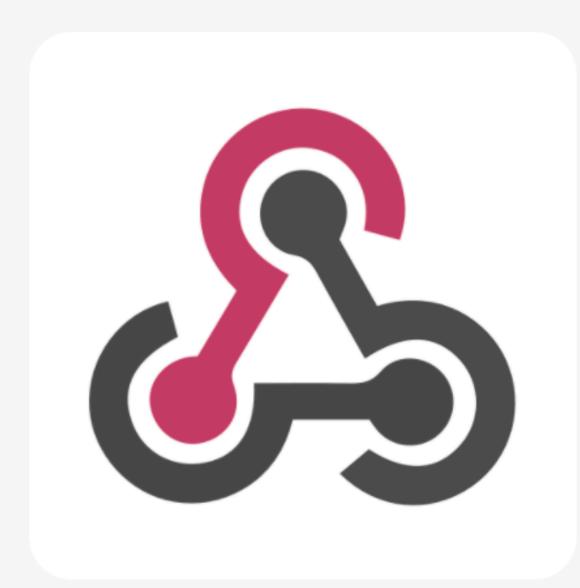
Build: https://api.netlify.com/build\_hooks/5ea8532cd5aeea4b26858dba

Staging: https://api.netlify.com/build\_hooks/5ea8532cd5aeea4b26858dba

Learn more about build hooks in the docs 7

Add build hook

```
launchButton.addEventListener('click', function() {
  fetch(
    'https://api.netlify.com/build_hooks/5ea0532ed5a3ea4b36858fb0',
     method: 'POST'
```



**Add to Slack** 

App help

**Terms** 

### **Outgoing WebHooks**

App Info

Settings

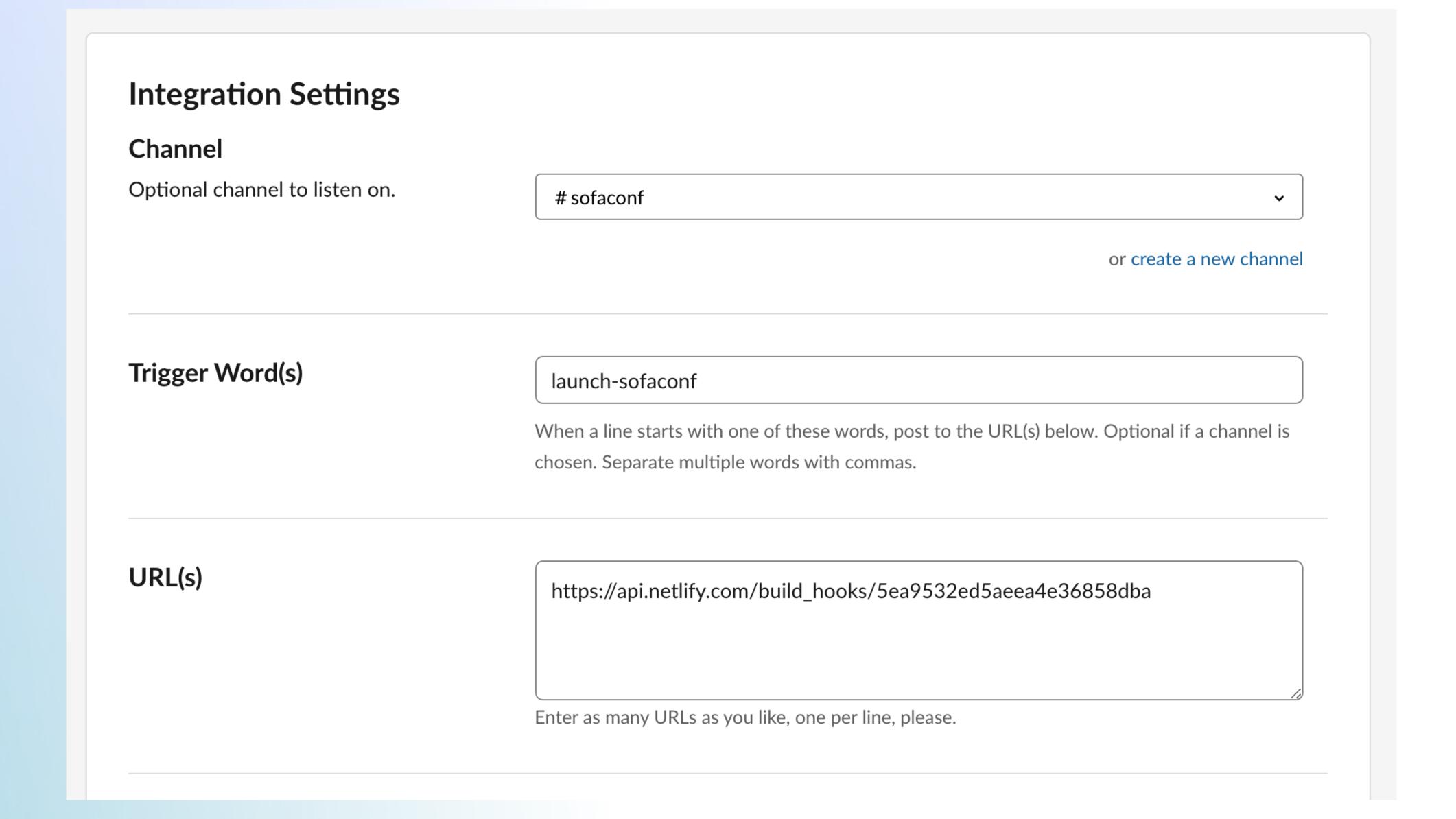
**Security & Compliance** 

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# How to: link Slack with Netlify



## Set the Channel, Trigger and Netlify URL



**Sophia Hill** 10:04 AM launch-sofaconf



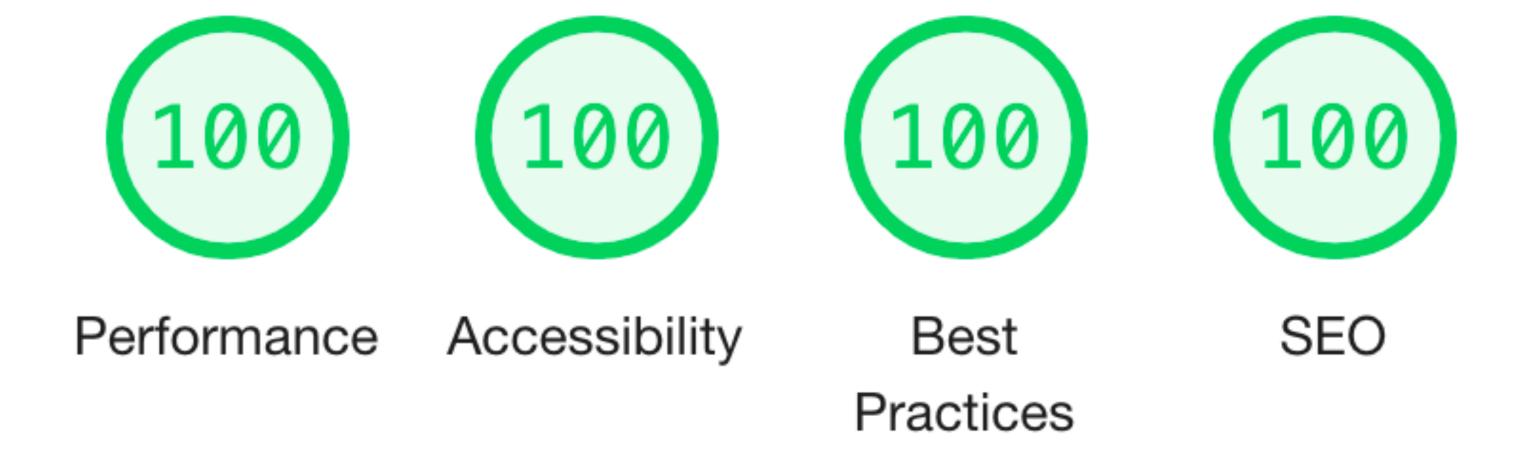
**Jason Bird** 10:54 AM launch-sofaconf

## launch-sofaconf

SoldCon







- 1. The fastest conference site
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# Thank you for listening

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