

**FAST BY DEFAULT** ⚡

Near Instant Load Times at Scale with GatsbyJS

**PERFORMANCE  
MATTERS**

# PERFORMANCE MATTERS FOR YOUR BUSINESS



Zalando  
when  
time.



Trainline  
across  
an extr



BBC has seen that the [lowest Lighthouse](#)  
[10%](#)  
it tak



Rebuilding Pinterest pages for performance resulted in a [15% increase in SEO traffic](#) and a [15% increase in conversion rate to signup](#).

# THE ETHICS OF WEB PERFORMANCE

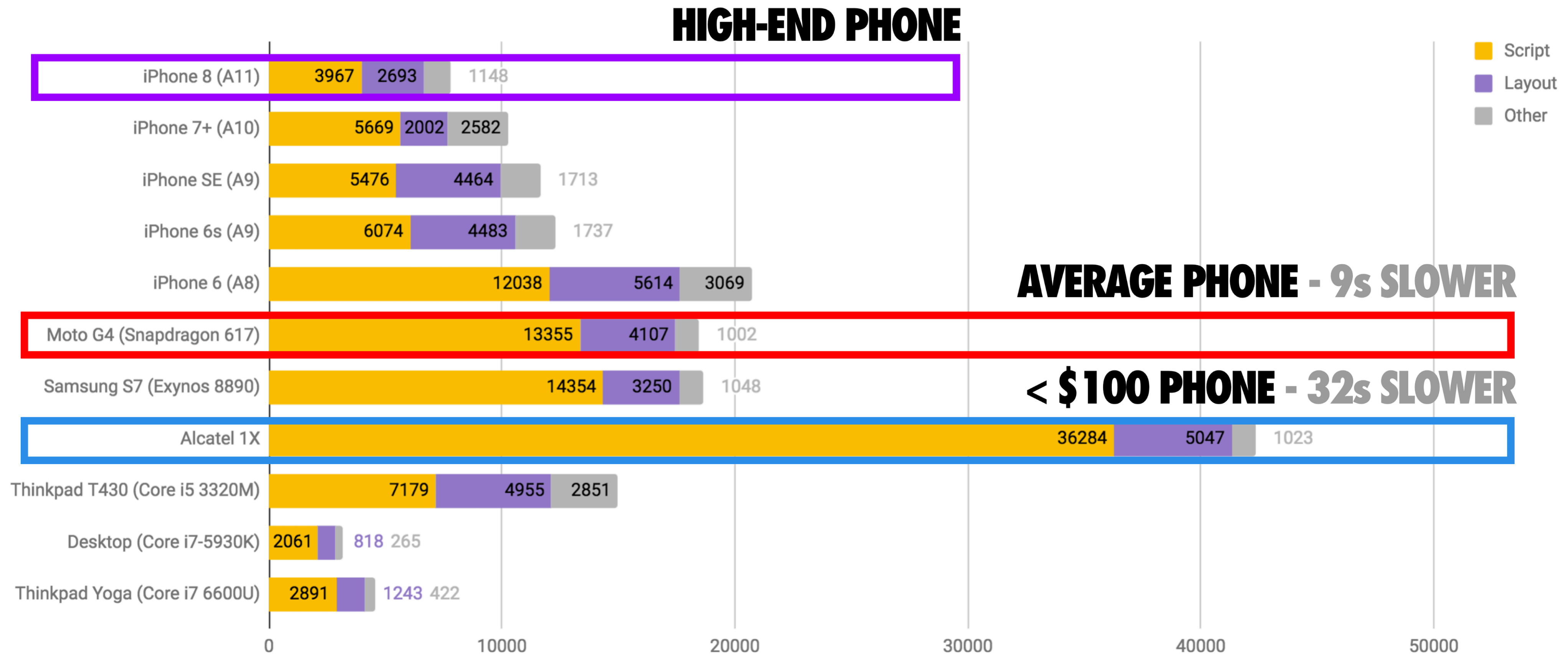


*“Poor performance can, and does, lead to exclusion.”*

*— Tim Kadlec*

# PERFORMANCE MATTERS FOR INCLUSION

## JS PROCESSING FOR CNN.COM



Source: <https://v8.dev/blog/cost-of-javascript-2019>

# PERFORMANCE MATTERS FOR INCLUSION



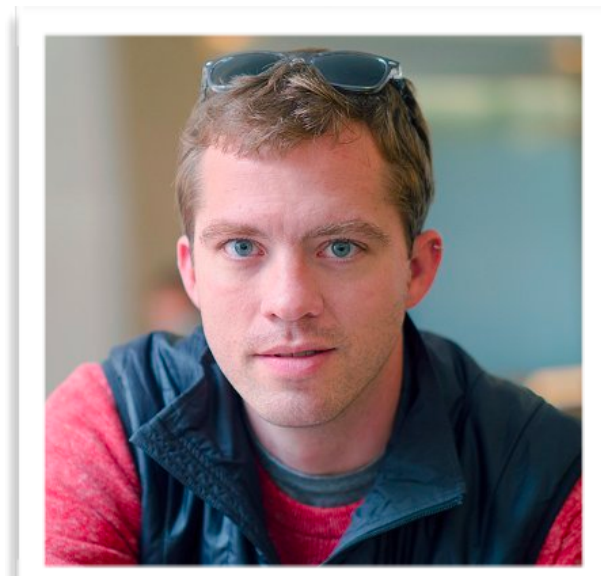
Source: <https://blog.chriszacharias.com/page-weight-matters>

# PERFORMANCE MATTERS FOR INCLUSION

*In 2009, YouTube engineer Chris Zacharias tackled the page weight of [youtube.com](https://www.youtube.com) and reduced it from 1.2MB to less than 100KB.*

*“He pushed the feature in production, waited for the results of how much he’d have improved the performance. After a week of data collection, the numbers came back... and they were baffling. The average aggregate page latency under the new version had actually **INCREASED.**”*

*“Under the new version, despite it taking over two minutes to get to the first frame of video, watching a video actually became a real possibility [in developing countries]. [...] Large numbers of people who were previously unable to use YouTube were suddenly able to.”*



PERFORMANCE ENABLES **NEW USERS**





# PERFORMANCE MATTERS FOR THE ENVIRONMENT

*“[Performance good practices] have well-known benefits to usability, but are also acts of environmental protection.”*



— *Cennydd Bowles, Future Ethics*

# PERFORMANCE MATTERS FOR THE ENVIRONMENT



*“I need to buy a new phone”*



*“My battery does not last a full day anymore”*

# PERFORMANCE MATTERS FOR THE ENVIRONMENT

New devices hide performance  
issues on our websites

Pushing users to  
buy new devices



Reducing the  
perceived need to  
work on performance

Making sites slower on  
old devices

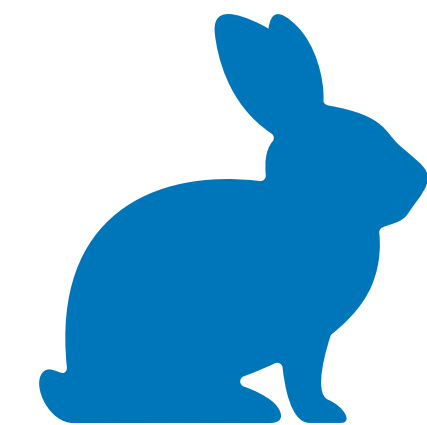
Hi 🖐️

Numele meu este Matthieu

VP of Engineering at  Theodo

🏆 #1 time in Romania - 🎨 Colorblind

# HOW TO ACHIEVE PERFORMANCE ON THE WEB?



# TODAY MARKS THE REIGN OF CLIENT-RENDERED SINGLE PAGE APPLICATIONS

 Angular, React, Vue...

 HTML is computed client-side

 Interactiveness

# SINGLE PAGE APPLICATIONS MADE GREAT PRODUCTS POSSIBLE

The image shows a screenshot of the Twitter profile page for GDG Craiova. The browser address bar shows the URL [twitter.com/gdgcraiova](https://twitter.com/gdgcraiova). The page layout includes a left sidebar with navigation options: Accueil, Explorer, Notifications, Messages, Signets, Listes, Profil, and Plus. The main content area displays the profile of GDG Craiova (@gdgcraiova), which is followed by the user. The profile bio states: "GDG (Google Developer Group) in Craiova, Romania. Follow us to find out about GDG Craiova meetups for all things @Google!". A tweet from GDG Craiova, dated October 24th, is visible, announcing the GDG DevFest Craiova 2019 event on November 16th at the Hotel Prestige Boutique. The tweet text reads: "Avem deosebita plăcere de a vă invita pe data de 16 noiembrie, sâmbăta, la Hotel Prestige Boutique la cea mai mare conferință de programare din Craiova: GDG DevFest Craiova 2019. Pentru bilete, vă rugăm să accesați: [devfest.gdgcraiova.dev](http://devfest.gdgcraiova.dev) #gdgcraiova #devfest". The right sidebar shows trending topics for the user, including MacBook Pro, #ImpeachmentHearings, #GameFreakLied, and Aurore Bergé. The footer contains links for Conditions, Politique de confidentialité, Cookies, and Informations sur les publicités, along with the copyright notice © 2019 Twitter, Inc.

BEFORE THEN, SERVER RENDERING WAS KING 👑

🐘 PHP, Python, Ruby

💻 HTML is computed server-side

Dynamic



# OL' MYSPACE

The screenshot shows the MySpace website interface within a browser window. The browser's address bar displays the URL <https://myspaceenhanced.com/cgiproxy/nph-proxy.pl/0101>. The page features a navigation menu with links for Home, Browse, Search, Invite, Film, Mail, Blog, Favorites, Forum, Groups, Events, Videos, Music, Comedy, and Classifieds. A search bar is powered by Google. The main content area is divided into several sections: 'Cool New Videos' (31,944 uploaded today) featuring 'Gay Robot', 'Air Freshener', 'Inspectors', and 'Sneak Peak'; 'Member Login' for user Russell; 'Cool New People' featuring Derek, Laura, and Andrew; 'MySpace Music' featuring 'The Legion Of Doom'; 'MySpace Specials' featuring 'MySpace Impact Awards WINNER: Kentucky Equality Federation'; and 'Videos' featuring 'The Middle Show - ComicCon 2007'. A sidebar on the left contains a profile section with a 'NO PHOTO' placeholder and a list of links (Profile, Comment, Pics, Message, Videos, Add Friend, Comments, Add Favs, Friends, Block, Blog, Rank, Toggle Pimped Profile). Below the profile is a sidebar with advertisements for job/career services, misspelled auctions, and a soul mate predictor.

MySpace  
File Edit Options Help

Back Forward Stop Home <https://myspaceenhanced.com/cgiproxy/nph-proxy.pl/0101> Go Google

My Profile Home >> Login to MySpace Messages Unblocker (Beta) Link Previews (Beta) Flash Stopper NEW Profile layouts!

Friend Pics Tools

myspace.com  
a place for friends

powered by Google

Home | Browse | Search | Invite | Film | Mail | Blog | Favorites | Forum | Groups | Events | Videos | Music | Comedy | Classifieds

**Cool New Videos** 31,944 uploaded today!

**Gay Robot** Gay Robot  
**Air Freshener** Guy  
**Inspectors** Flappa  
**Sneak Peak** Joe Rogan

Books Comedy Jobs **NEW!** MySpaceIM  
Blogs Filmmakers Movies Schools  
ChatRooms Games Music TV On Demand **NEW!**  
Classifieds Horoscopes Music Videos Videos

**Member Login**

Hi, Russell [Not you?]

E-Mail :   
Password :   
 Remember Me  
   
[Forgot your password?](#)

**Cool New People**

**Derek** **Laura** **andrew**

**Videos** [more videos]

**The Middle Show - ComicCon 2007**  
Comedy team coverage takes you around the 2007 NY Comic Convention. Music: Kevin MacLeod.  
[» Watch It Now!](#)

**Sponsored Links**

[Free Video Chat](#)

**MySpace Music** [more music]

**The Legion Of Doom**  
Electronic / Big Beat / Alternative  
Los Angeles, California  
Trevor Keith (of Face to Face) and producer Chad Blinman (The Get Up Kids, Saves The Day) have teamed up to create *Incorporated*, the first ever album of punk, hardcore, and emo mash-ups. The album, out on March 6th, includes mashes of tracks by Dashboard Confessional, Taking Back Sunday, Underoath, Gnarlz Barkley, My Chemical Romance, and more.  
[» Listen Now](#)

**MySpace Specials**

**MySpace Impact Awards WINNER: Kentucky Equality Federation**  
You NOMINATED. You VOTED. Now we are thrilled to announce your MySpace Impact Awards WINNER in the Social Justice category: **KENTUCKY EQUALITY**

**\$\$\$New Job/Career/Biz\$\$\$**  
You deserve better & we'll make it happen for you in a BIG way!!!!!!!

**Find Misspelled Auctions**  
eBay listings with typos go cheap. Search now.

**Who's Your Soul Mate?**  
Predict exactly, down to the name, who your Soul Mate is. Try it!

# IN THE BEGINNING THERE WAS STATIC

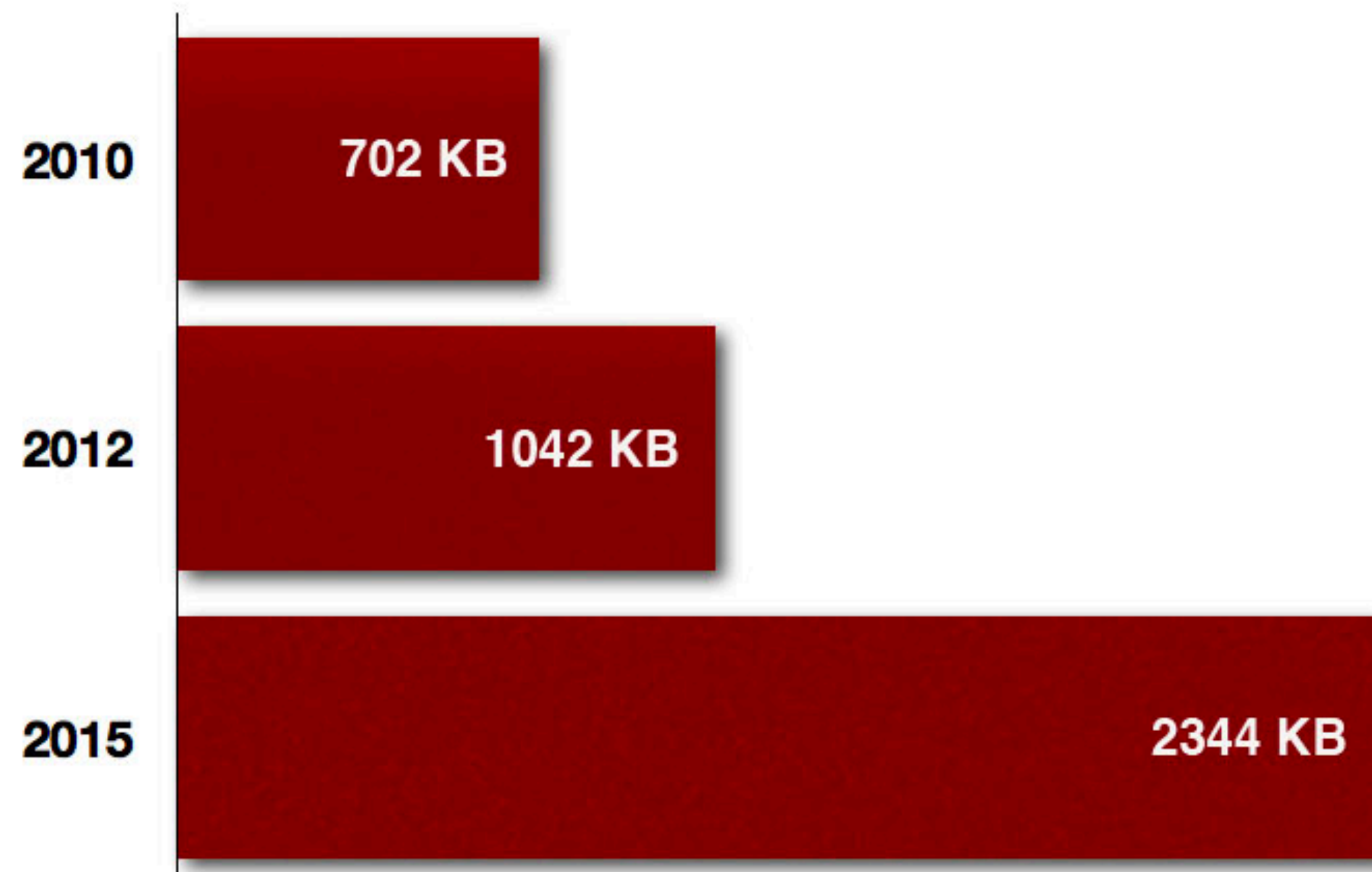
💎 Pure HTML files served by server

🥇 First ever page on the Web

⚡ Simple. Scalable. Fast

# WE LOST PERFORMANCE DURING OUR JOURNEY

The growth of the average web page



Source: HTTP Archive

The Average Webpage Is Now the Size of the Original *Doom*

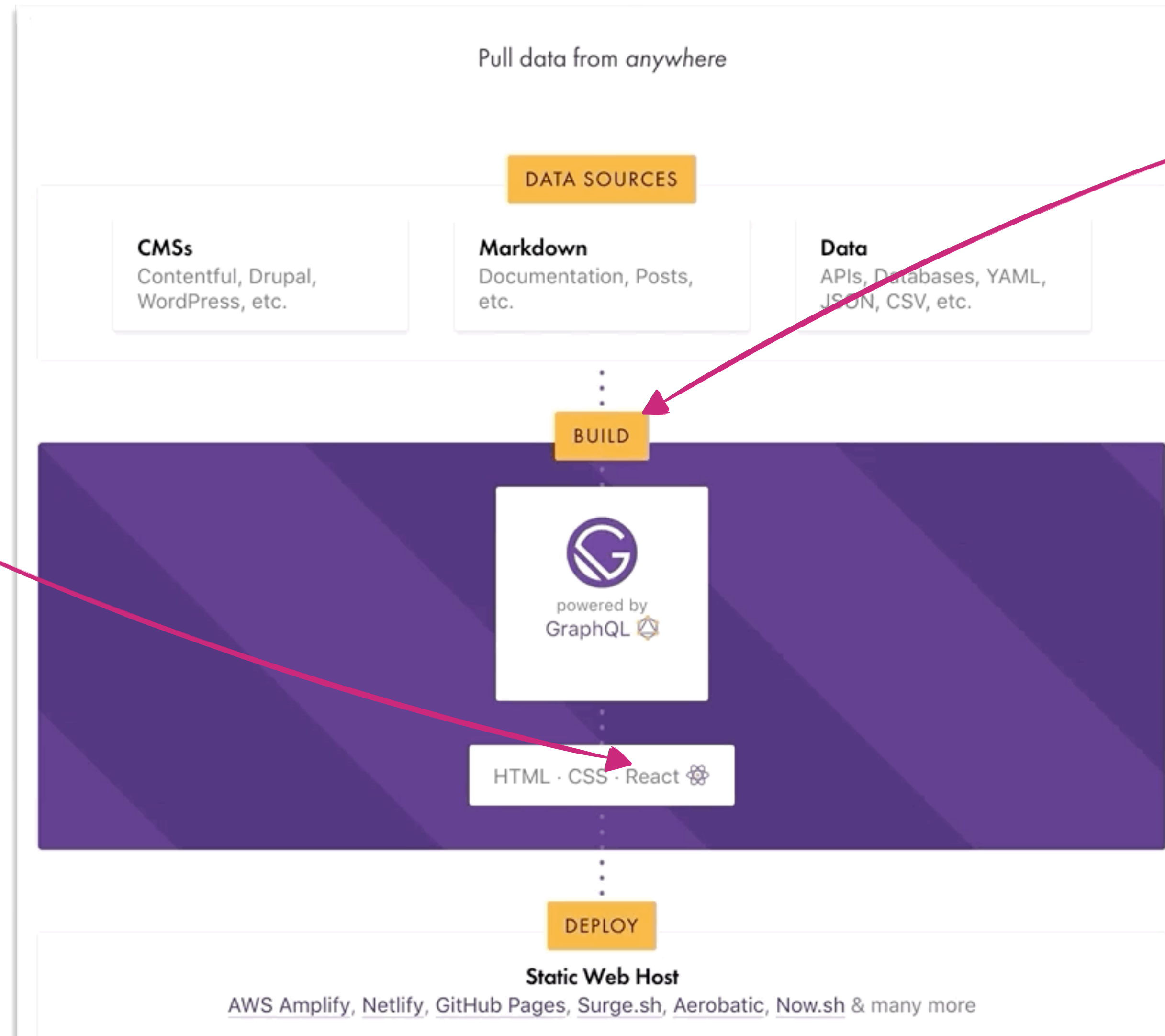


**CAN WE RECONCILIATE  
INTERACTIVENESS OF TODAY  
WITH PERFORMANCE OF THE  
90”?**

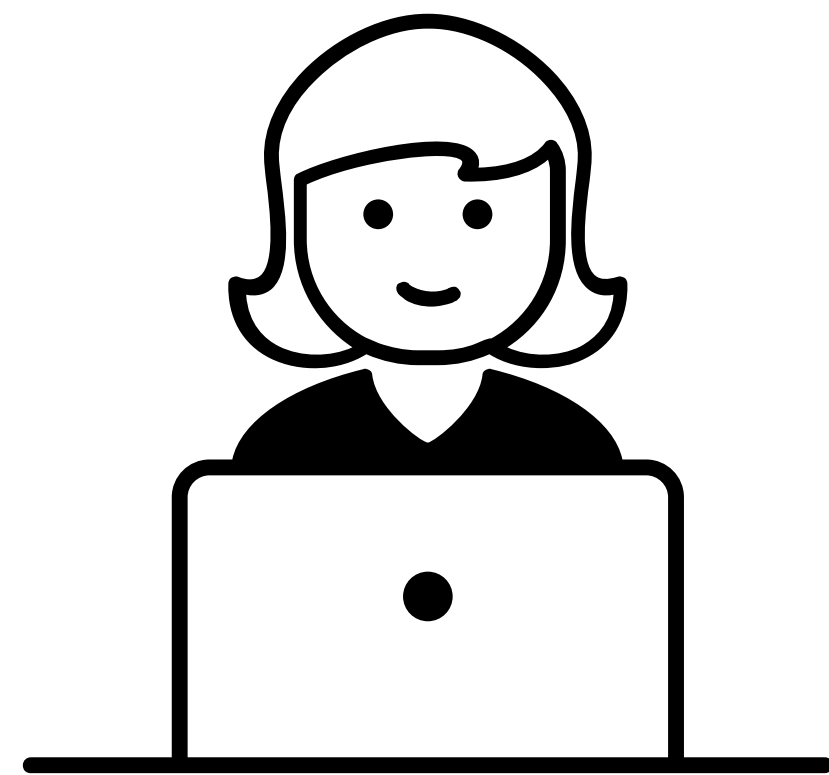
# MEET GATSBYJS

1 You code in  
React

2 Application is  
compiled to  
HTML at **build**  
time

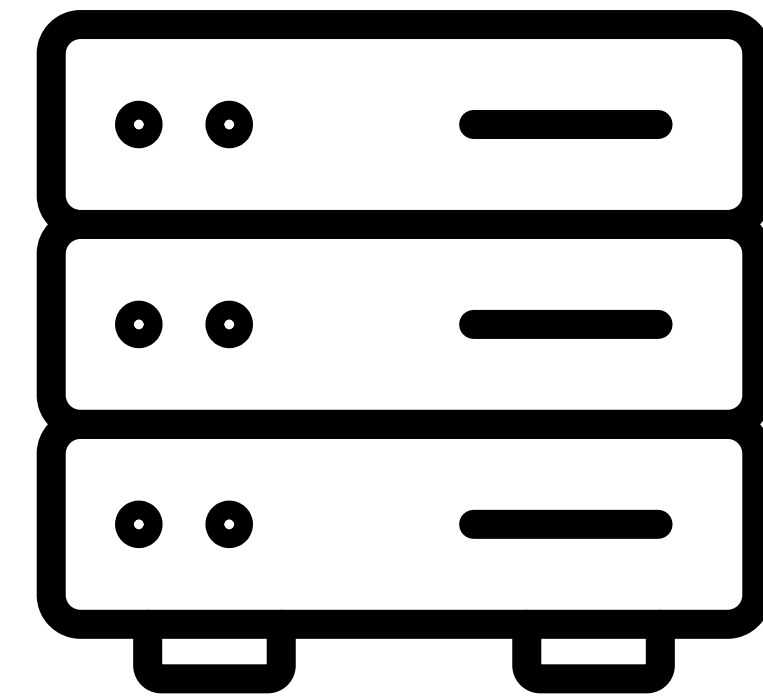


# REQUEST FLOW



Can I have the homepage please?

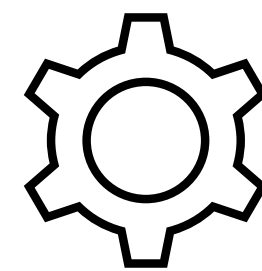
yeah, take this HTML file, a snapshot of the page I made during the build



sweet! i can see the content first...



**React environment is loaded client-side**



and now click around!



**Following navigation is managed by React**

IS GATSBY THAT FAST?

# IT ALL STARTED WITH A BEER



My colleague  
Nicolas





Rechercher



dans un rayon de 5 km de Paris, FR

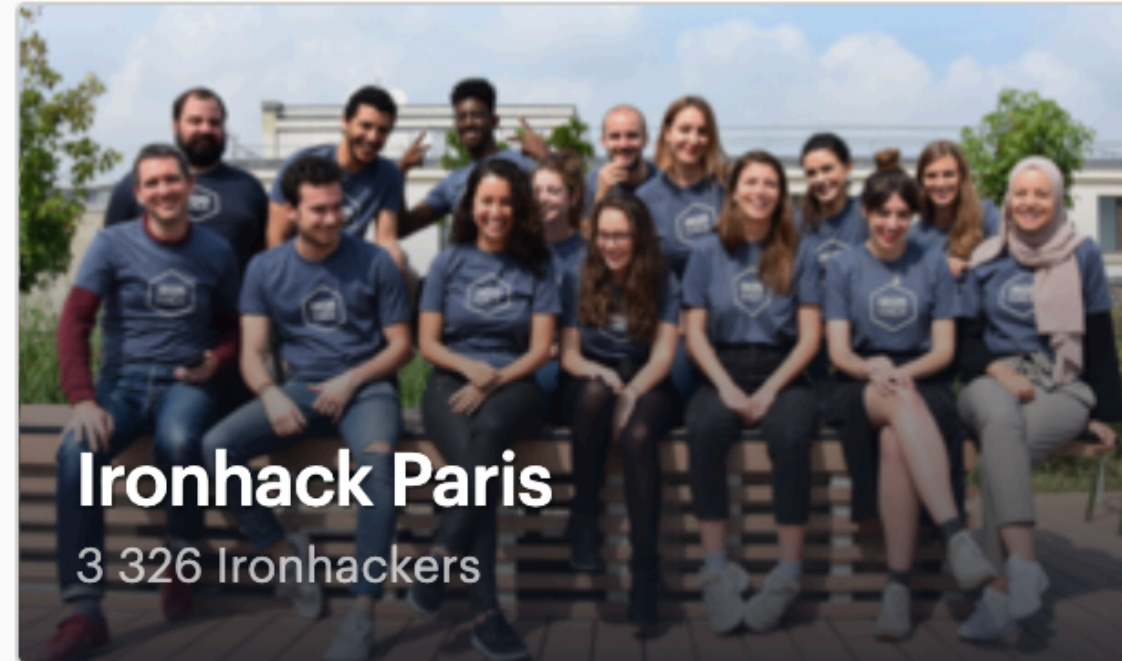
Groupes

Calendrier

Groupes suggérés



**Paris AWS User Group**  
3 068 AWS Users



**Ironhack Paris**  
3 326 Ironhackers



**Paris Typescript**  
1 462 TypeScripters



**Paris.js**  
5 668 JavaScripteurs



**Accor Tech Hub**  
1 744 Members

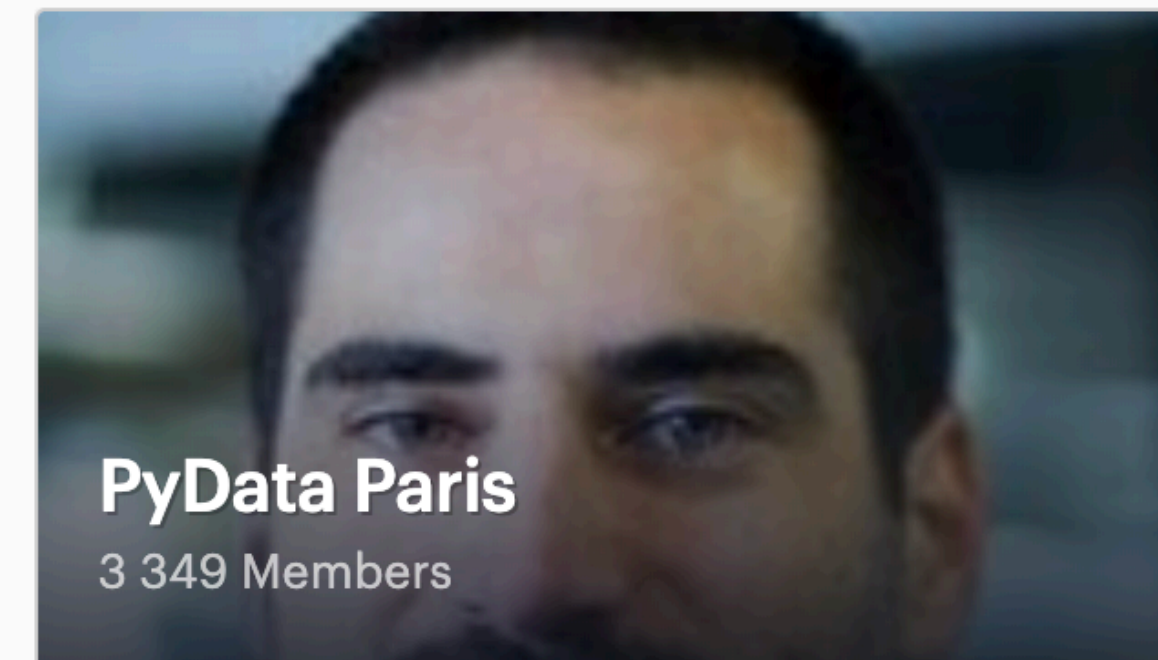


**Paris Data Engineers!**  
1 498 Members



**Le Wagon Paris - Coding Bootcamp**  
10 129 apprentis

**Groupe Meetup JavaScript Paris**  
Pus de 50 intéressés >



**PyData Paris**  
3 349 Members

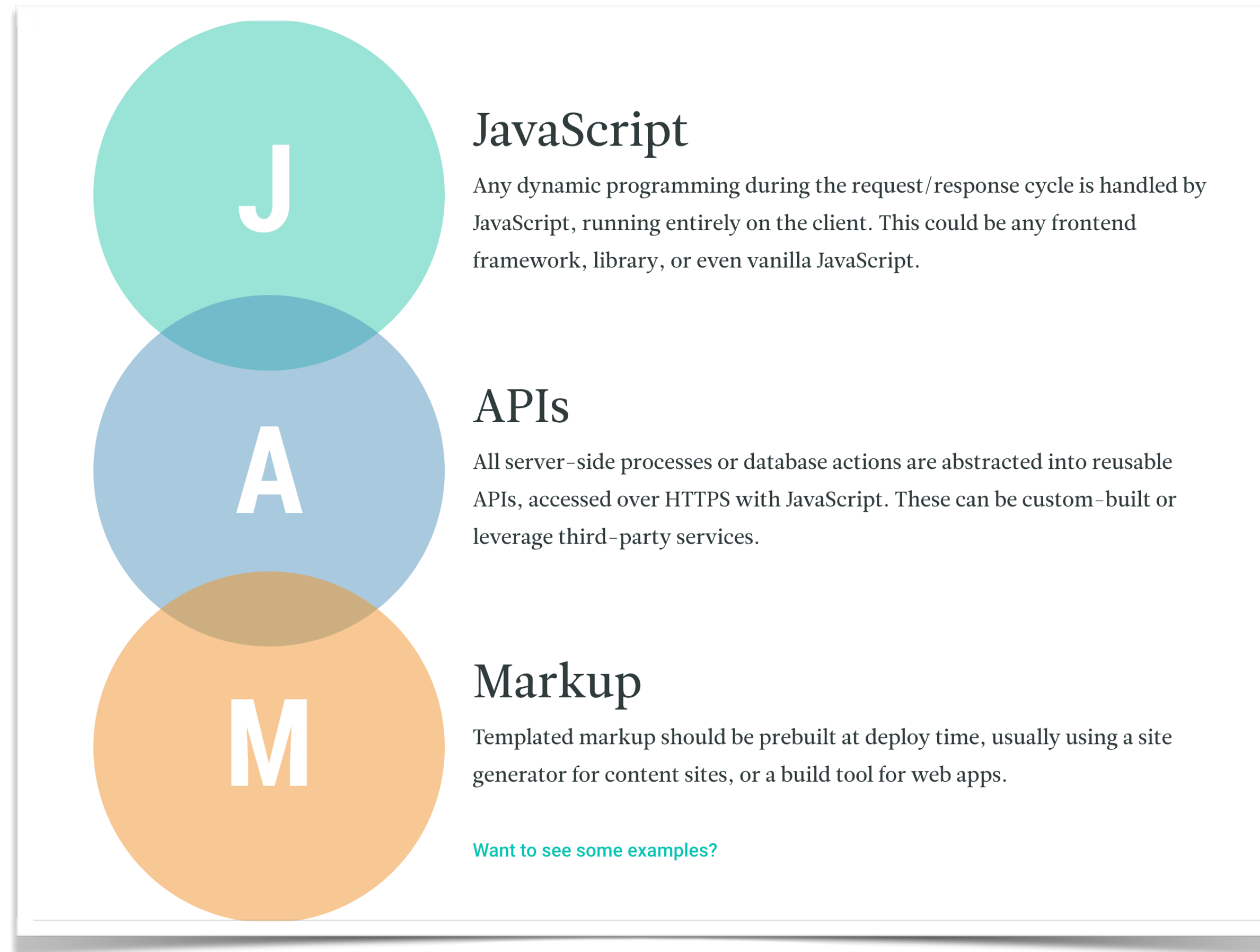


Women in Machine Learning



# THE JAMSTACK

“a modern web development architecture based on client-side JavaScript, reusable APIs, and prebuilt Markup.”



# GATHERING JAMSTACK COMMUNITY IN PARIS



[Créer un groupe](#)

[Explorer](#)

[Messages](#)

[Notifications](#)



## JAMstack Paris

Paris, France

283 membres · Groupe public

Organisé par **Matthieu Auger** et 1 autre personne

Partager : [f](#) [t](#) [in](#)

[À propos](#)

[Événements](#)

[Membres](#)

[Photos](#)

[Discussions](#)

[Plus](#)

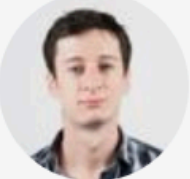
Gérer le groupe

Créer un événement

### À propos de ce groupe

🇺🇸 JAMstack (Javascript, API, Markup) is steadily rising as a new way to build performant, secure and scalable applications. This group aims to gather...

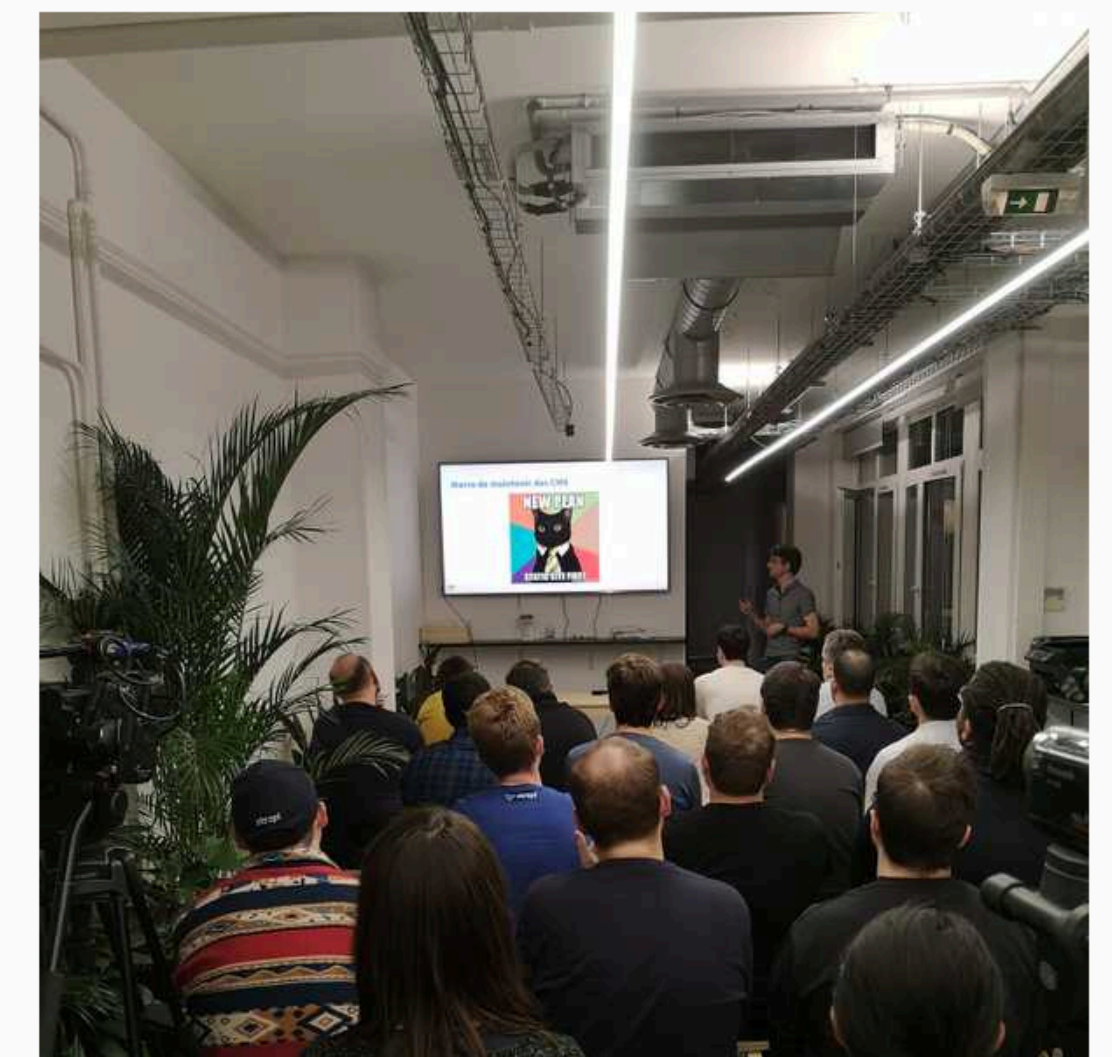
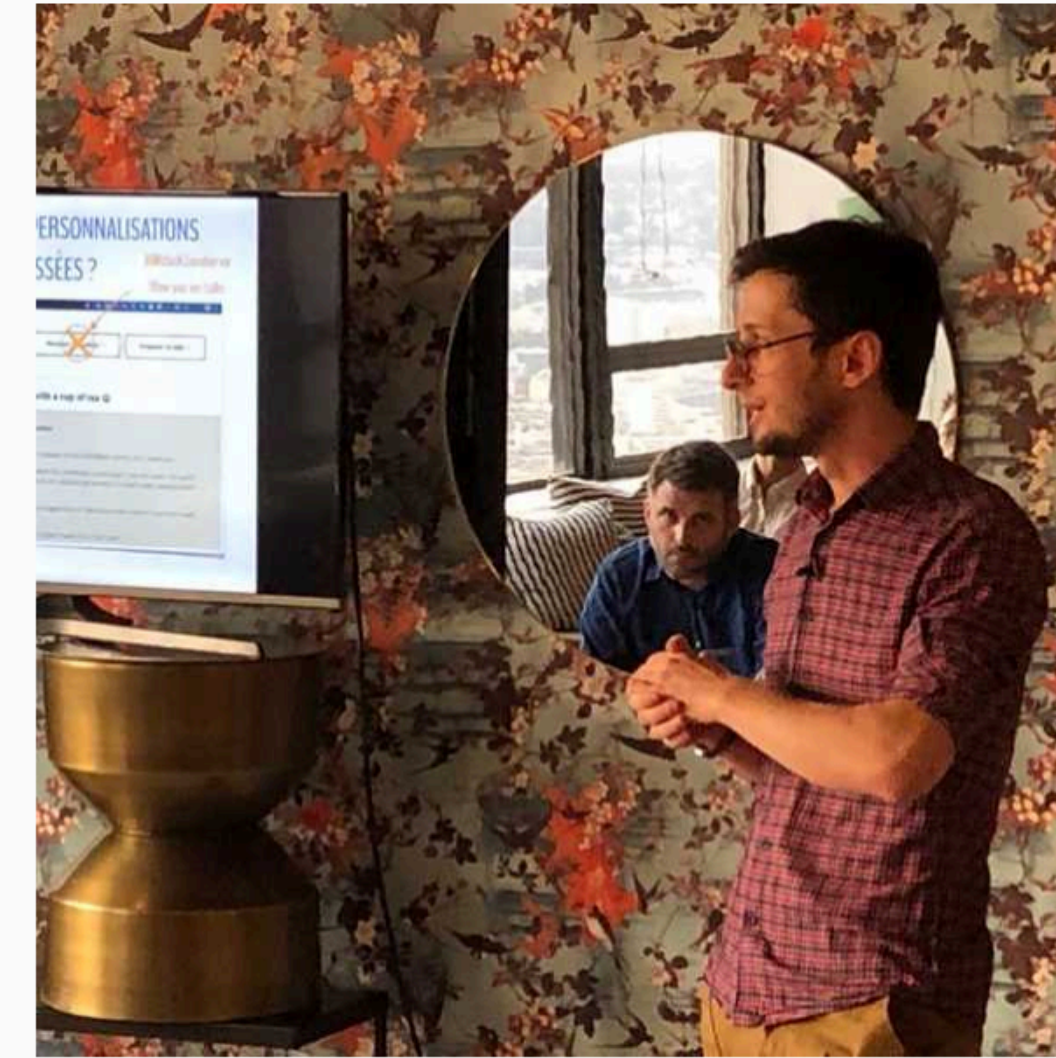
### Organisateurs



Matthieu Auger et 1 autre personne

[Contacter](#)

# 300 MEMBERS, 5 MEETUPS



WE WANTED A FAST  
WEBSITE TO  
COMMUNICATE 

*meetup*

# OUR NEEDS



Displays meet-ups from [meetup.com](https://www.meetup.com) API



Picture gallery



Performance



# JAMstack Paris

## Meetup

Vidéos →

Photos →

Proposer un talk →

## Le meetup bimestriel autour de la JAMstack

### Meetup précédents

### JAMStack Paris #5

**05/11/2019**

#### **Inato**

3 Impasse de la Planchette  
Paris

Bonjour à tous,

Après un été radieux qui a laissé place à une douce bruine typiquement parisienne 🌧️, nous sommes heureux de vous annoncer la cinquième édition du Meetup JAMstack Paris et d'accueillir deux nouveaux speakers :

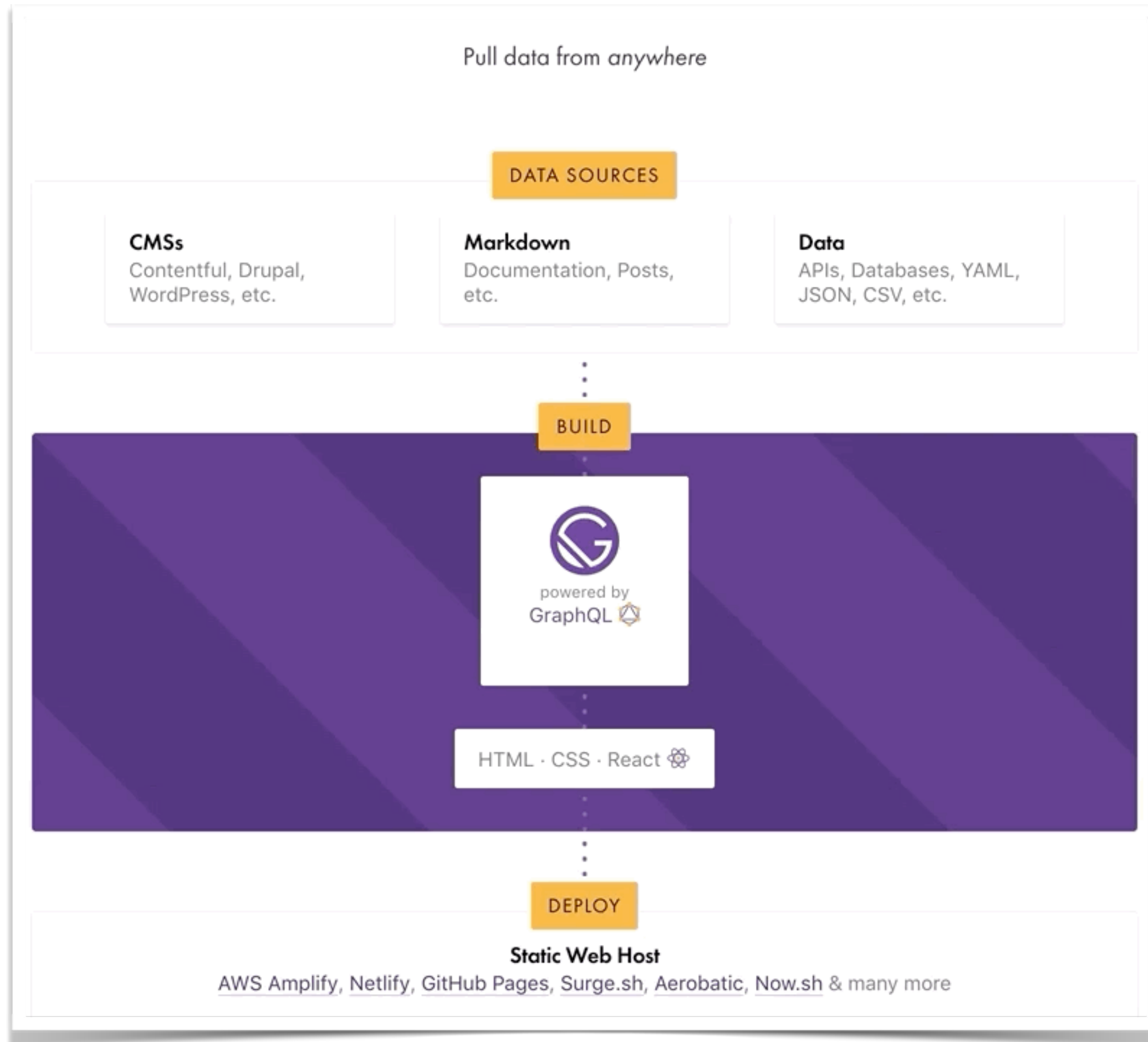
Arthur Levoyer (<https://twitter.com/arthurlevoyer>), software engineer chez BAM nous présentera FaunaDB (<https://fauna.com/>), une base de données cloud serverless qui a été utilisée pour l'un de ses side project





# DISPLAYS MEETUPS FROM MEETUP.COM API

# DATA FLOW IN GATSBY SITE

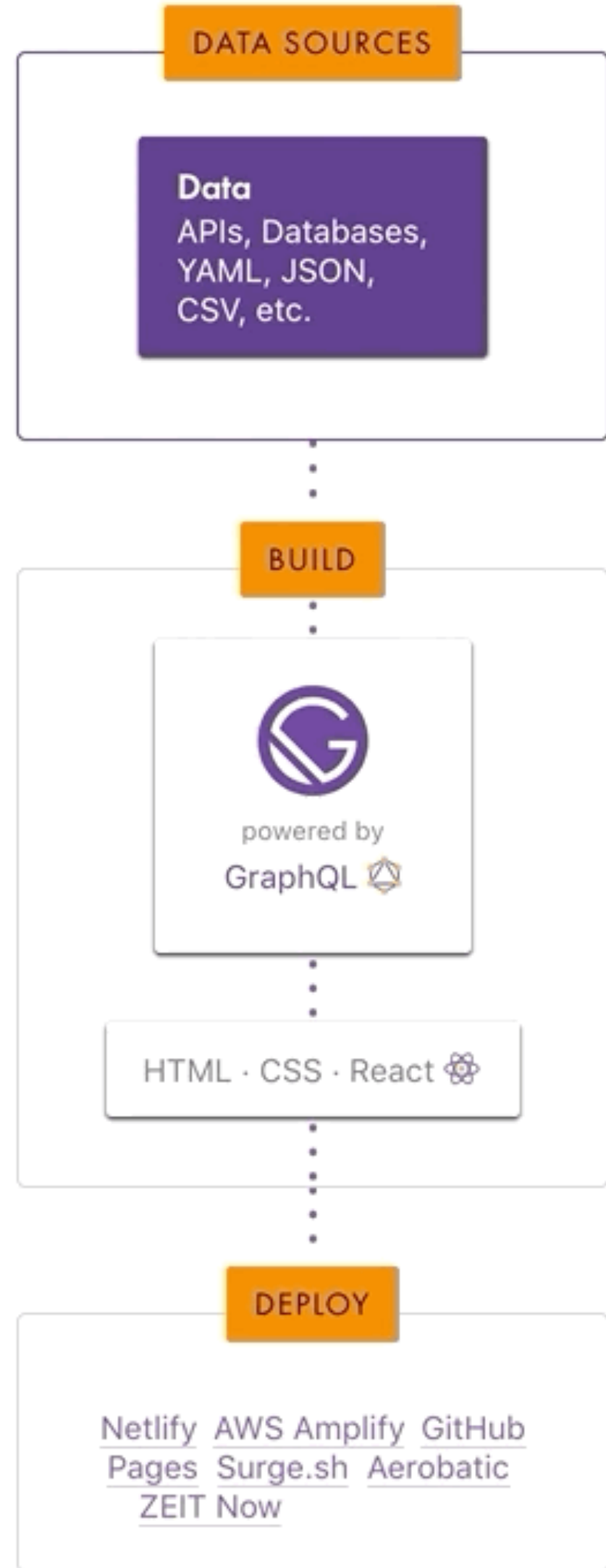


1 Pull Data from sources

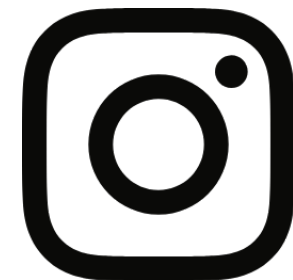
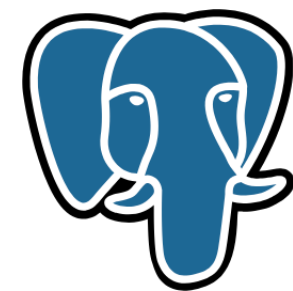
2 Query Data with GraphQL

3 Pass data to React Components

# 1 PULL DATA FROM SOURCE WITH SOURCE



## PLUGINS



# SOURCE PLUGINS ARE NPM PACKAGES

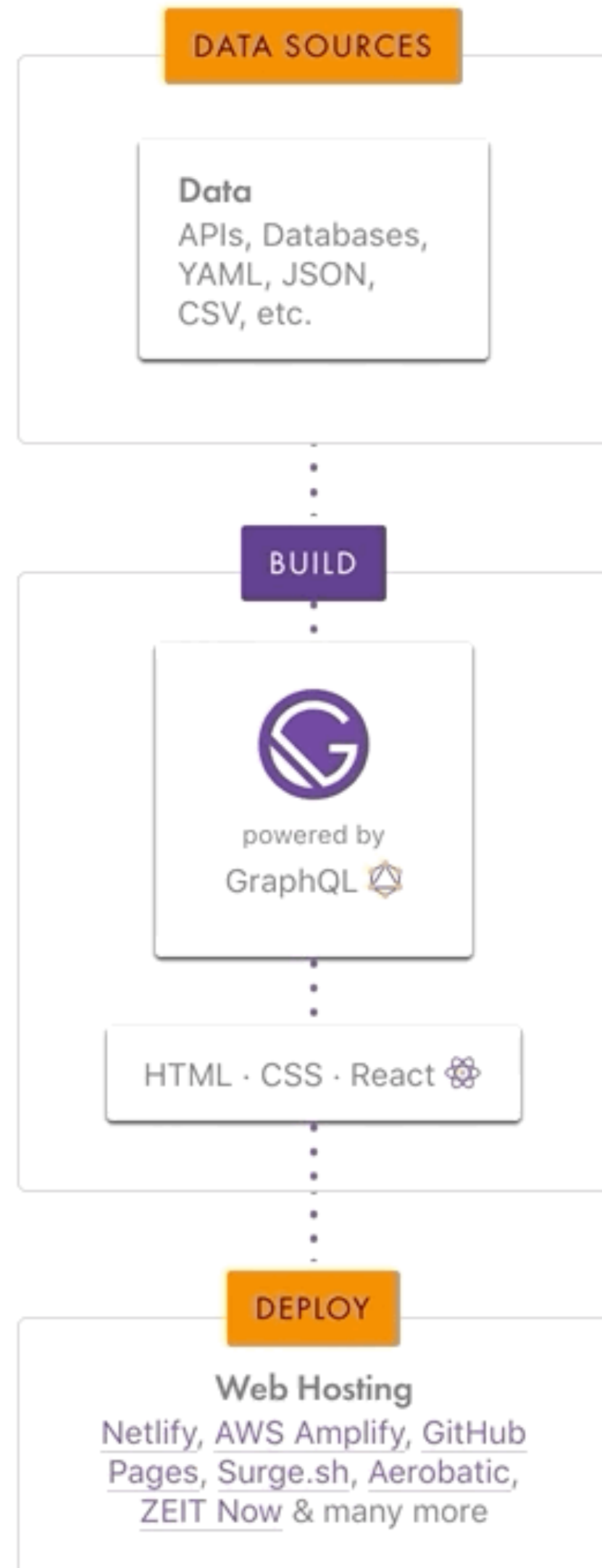


```
$ npm install --save gatsby-source-meetup
```

gatsby-config.js

```
module.exports = ({
  ...
  plugins: [
    {
      resolve: `gatsby-source-meetup`,
      options: {
        key: process.env.MEETUP_API_KEY,
        groupUrlName: JAMstack-paris,
        status: "upcoming,past",
        desc: "true",
        page: 10
      }
    }
  ]
});
```

# DATA IS FETCHED AND MAPPED AT BUILD TIME



```
→ gatsby-theme-meetup git:(master) yarn workspace jamstack-paris gatsby build
yarn workspace v1.19.1
yarn run v1.19.1
$ /Users/matthieu/www/gatsby-theme-meetup/node_modules/.bin/gatsby build
success open and validate gatsby-configs - 0.042s
success load plugins - 1.043s
success onPreInit - 0.005s
success delete html and css files from previous builds - 0.009s
success initialize cache - 0.006s
success copy gatsby files - 0.050s
success onPreBootstrap - 0.009s
:: source and transform nodes
```

FETCHING DATA ON  
MEETUP API



# 2 QUERY DATA WITH GRAPHQL

 Query Language

 Created by Facebook

 Request only data you want

 Same interface for all your data sources

Explorer



GraphiQL



Prettify

History

Explorer

Code Exporter

< Docs

- query MyQuery
- ▶ allDirectory
- ▶ allFile
- ▶ allImageSharp
- ▶ allMarkdownRemark
- ▶ allMeetupEvent
- ▶ allMeetupGroup
- ▶ allSite
- ▶ allSitePage
- ▶ allSitePlugin
- ▶ directory
- ▶ file
- ▶ imageSharp
- ▶ markdownRemark
- ▶ meetupEvent
- ▶ meetupGroup
- ▶ site
- ▶ sitePage
- ▶ sitePlugin

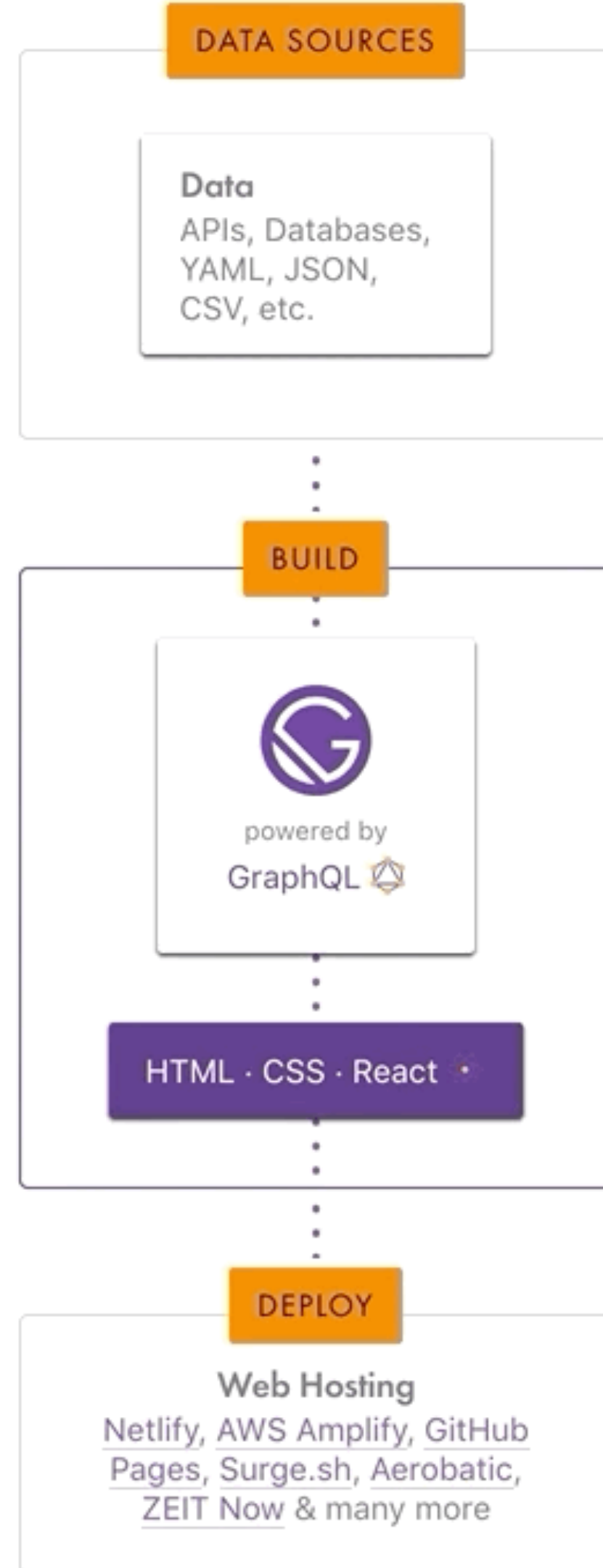
+ ADD NEW QUERY

1  
2



QUERY VARIABLES

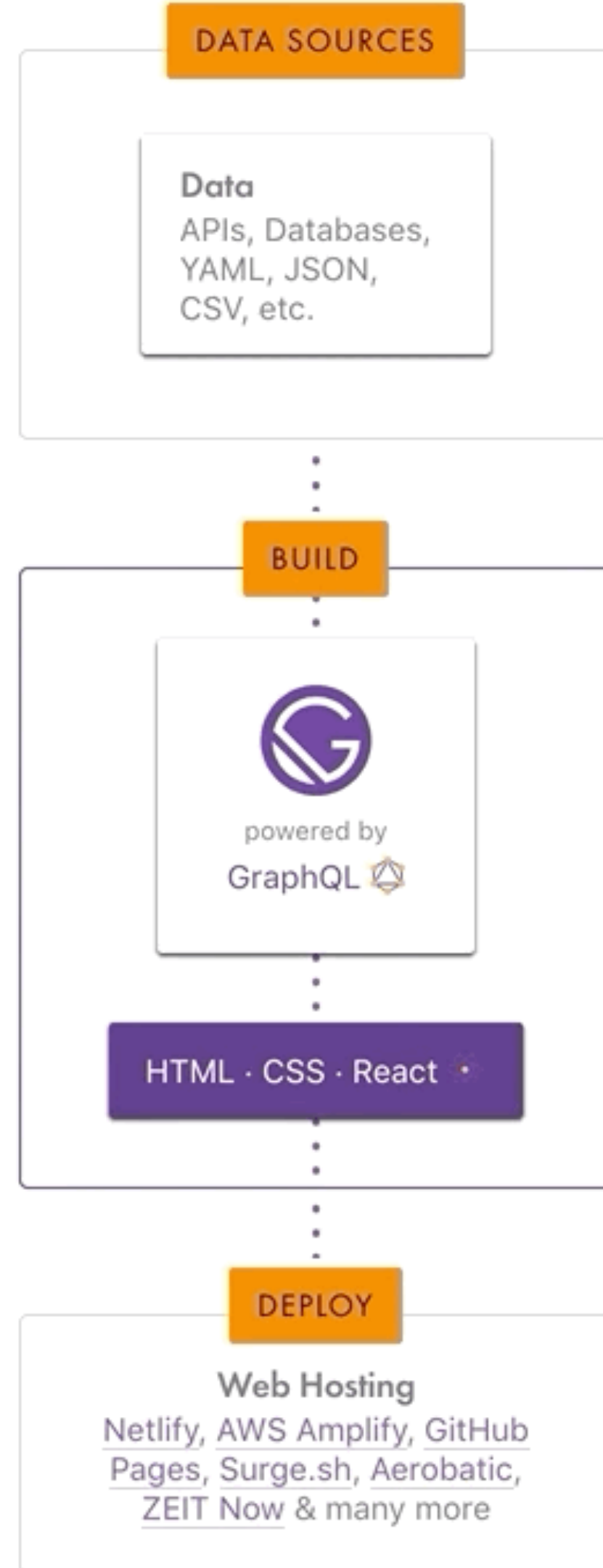
# DATA CAN BE QUERIED IN CODE



Homepage.js

```
const data = useStaticQuery(  
  graphql`  
    query {  
      meetupGroup {  
        events {  
          id  
          name  
          description  
          local_date  
          venue {  
            name  
            address_1  
            city  
          }  
          link  
          status  
        }  
      }  
    }  
  `;  
);
```





# 3 PASS DATA TO REACT COMPONENTS

Homepage.js

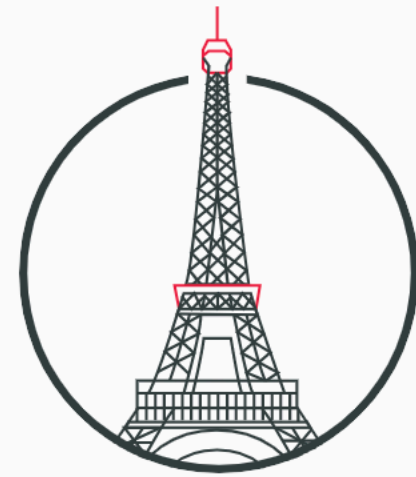
```
return (  
  <Layout>  
    {data.meetupGroup.events.map(pastMeetup => {  
      return <Meetup meetupInfo={pastMeetup} />  
    })}  
  </Layout>  
)
```

ADD A BIT OF STYLING 🎨



RUN A BUILD ⚙️

# JAMSTACK.PARIS 1.1



## JAMstack Paris Meetup

Vidéos →

Photos →

Proposer un talk →

### JAMStack Paris #5

**05/11/2019**

#### **Inato**




3 Impasse de la Planchette  
Paris

Bonjour à tous,

Après un été radieux qui a laissé place à une douce bruine typiquement parisienne 🌧️, nous sommes heureux de vous annoncer la cinquième édition du Meetup JAMstack Paris et d'accueillir deux nouveaux speakers :

Arthur Levoyer (<https://twitter.com/arthurlevoyer>), software engineer chez BAM nous présentera FaunaDB (<https://fauna.com/>), une base de données cloud serverless qu'il a utilisé pour l'un de ses side project JAMstack.

# CHECKLIST WHEN WORKING WITH DATA

- 1** Look for, install and configure related source plugin 
- 2** Get your GraphQL right with GraphiQL 
- 3** Inject it to your React components 



# PICTURE GALLERY



# PICTURE GALLERY

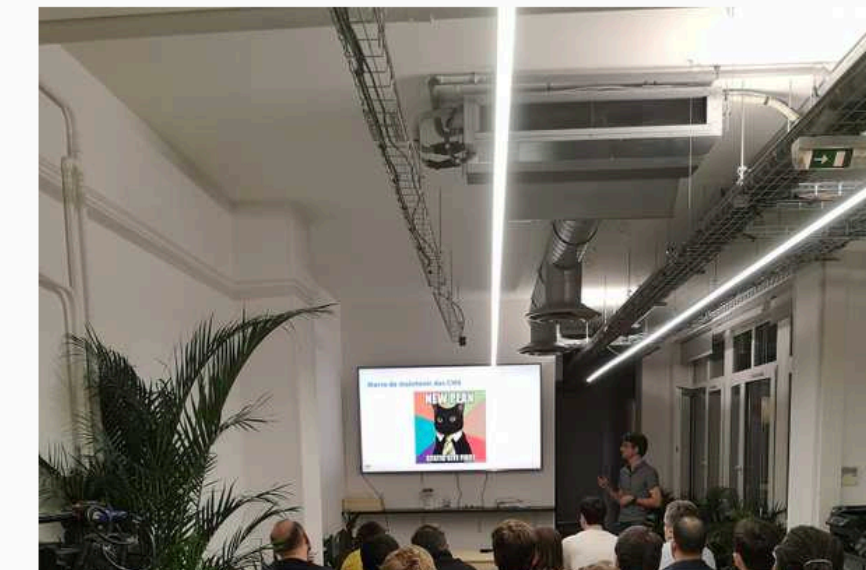
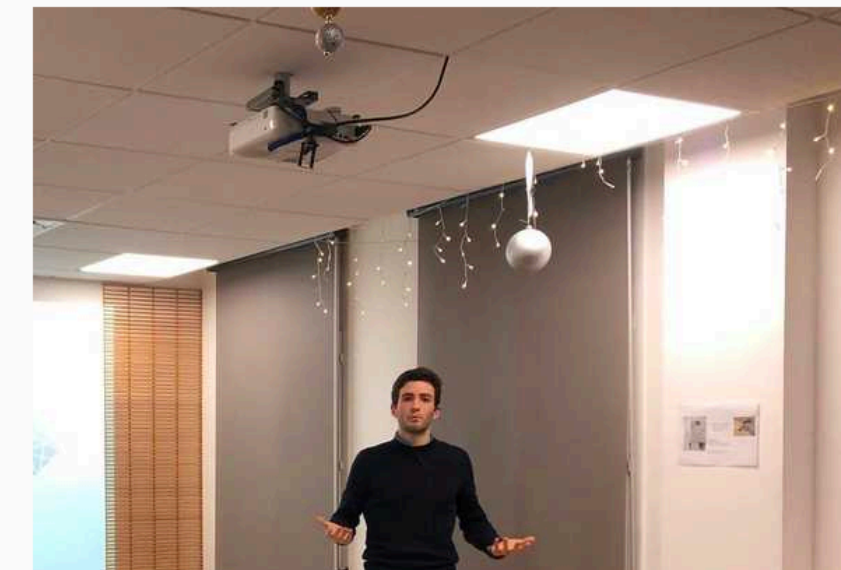
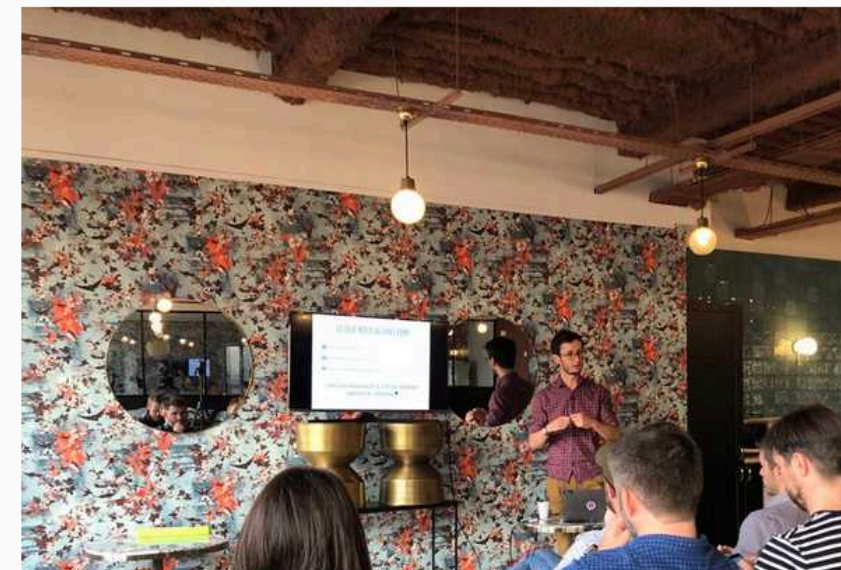
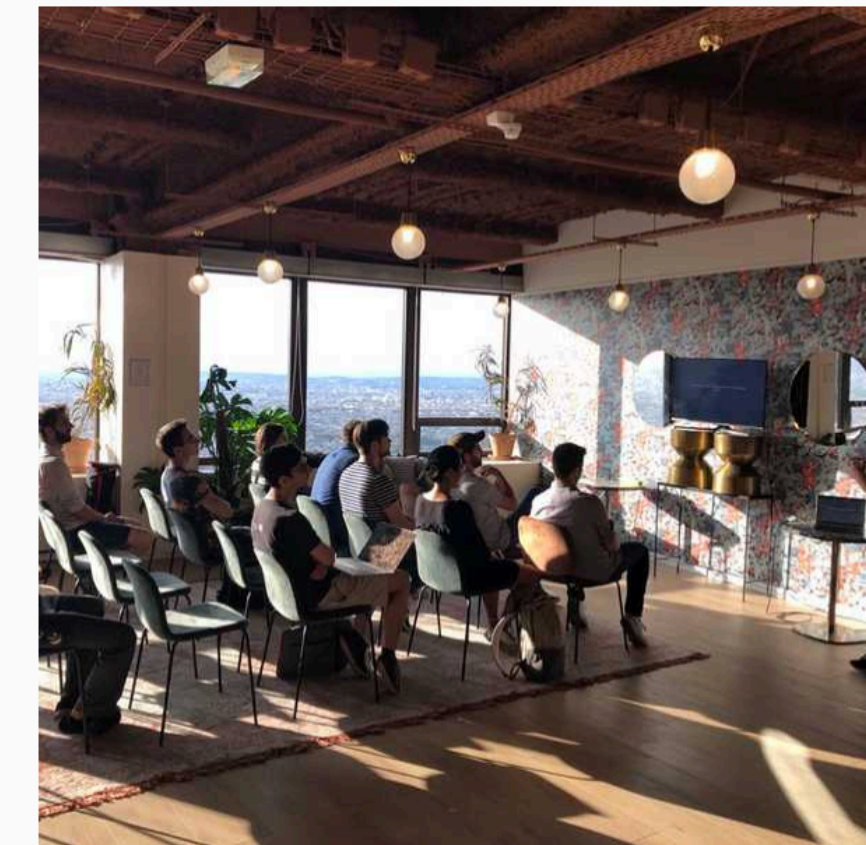
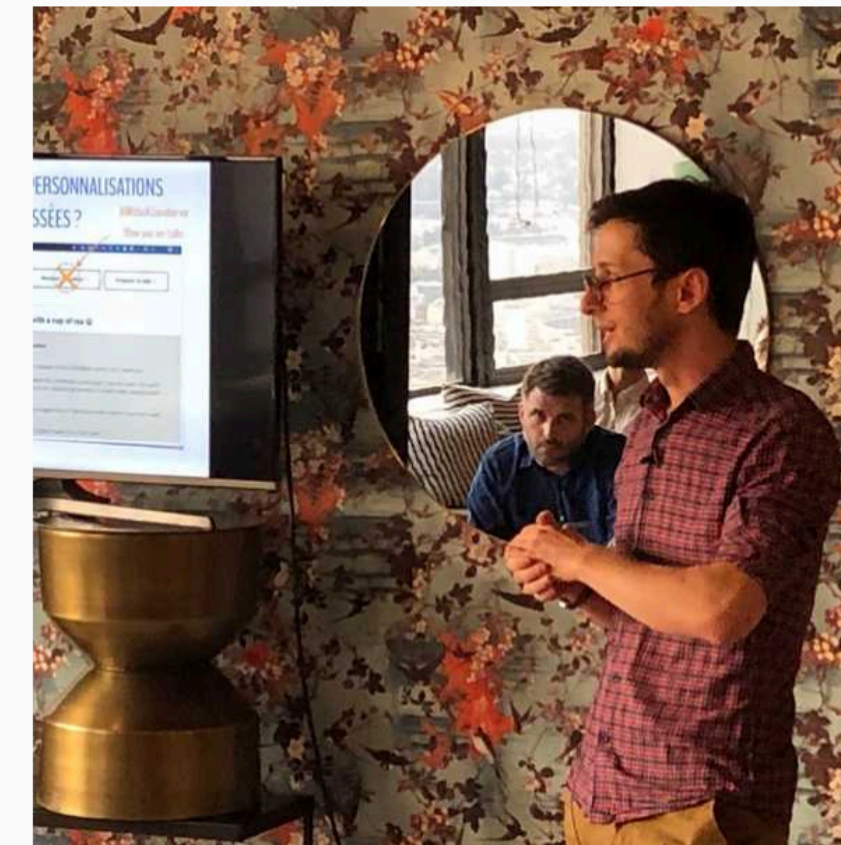


**JAMstack Paris**  
**Meetup**

Vidéos →

Photos →


Proposer un talk →



# IMAGES ARE HARD TO GET RIGHT

 How to serve high quality images to high resolution devices?

 How to optimise image size of small devices?

 How not to wait for full download of images before rendering the pages?

IN GATSBY IMAGES ARE DATA LIKE  
OTHERS



# 1 Install and configure related source plugin

 Official Plugin

 View plugin on GitHub

See starters using this

`gatsby-config.js`

## gatsby-source-filesystem

A Gatsby source plugin for sourcing data into your Gatsby application from your local filesystem.

The plugin creates `File` nodes from files. The various “transformer” plugins can transform `File` nodes into various other types of data e.g. `gatsby-transformer-json` transforms JSON files into JSON data nodes and `gatsby-transformer-remark` transforms markdown files into `MarkdownRemark` nodes from which you can query an HTML representation of the markdown.

### Install

```
npm install --save gatsby-source-filesystem
```

```
module.exports = {
  plugins: [
    {
      resolve: `gatsby-source-filesystem`,
      options: {
        name: `gallery`,
        path: `${__dirname}/src/images/gallery`
      }
    }
  ]
};
```

# 2 Get your GraphQL right with GraphiQL



The screenshot shows the GraphiQL interface with the following content:

**Explorer:**

- query MyQuery
  - allDirectory
  - allFile
    - filter:
      - absolutePath
      - accessTime
      - atime
      - atimeMs
      - base
      - birthTime
      - birthtime
      - birthtimeMs
      - blksize
      - blocks
      - changeTime
      - childImageSharp
      - childMarkdownRemark
      - children
      - ctime
      - ctimeMs
      - dev
      - dir
      - ext
      - extension
      - aid

**GraphiQL Query:**

```
1 query MyQuery {  
2   allFile(filter: {sourceInstanceName: {eq: "gallery"}}) {  
3     edges {  
4       node {  
5         childImageSharp {  
6           fixed(width: 300, height: 300) {  
7             base64  
8             tracedSVG  
9             aspectRatio  
10            width  
11            height  
12            src  
13            srcSet  
14            srcWebp  
15            srcSetWebp  
16            originalName  
17          }  
18        }  
19      }  
20    }  
21  }  
22 }
```

**JSON Response:**

```
{  
  "data": {  
    "allFile": {  
      "edges": [  
        {  
          "node": {  
            "childImageSharp": {  
              "fixed": {  
                "base64":  
                  "data:image/jpeg;base64,/9j/2wBDABALD  
A4MChAODQ4SERATGCga  
GBYWGDEjJR0o0jm9PDK  
zODdASFxOQERXRTc4UG  
1RV19iZ2hnPk1xeXBke  
FxlZ2P/2wBDARESEhgV  
GC8aGi9jQjhCY2NjY2N  
jY2NjY2NjY2NjY2NjY2  
NjY2NjY2NjY2NjY2NjY  
2NjY2NjY2NjY2NjY2Nj
```

**Annotation:** SPECIFY WIDTH AND HEIGHT (with an arrow pointing to the values 300, 300 in the query).

2

# Get your GraphQL right with GraphiQL



GENERATES HIGH-

RES VERSIONS

```
<picture><source
  srcset="
    /static/762d4c85dbed42f294dd8870c0200bc6/792e8/meetup-lbc-haroen.jpg 1x,
    /static/762d4c85dbed42f294dd8870c0200bc6/c3f37/meetup-lbc-haroen.jpg 1.5x,
    /static/762d4c85dbed42f294dd8870c0200bc6/1eaf9/meetup-lbc-haroen.jpg 2x
  "/>
</picture>
```

# IMAGES WERE HARD TO GET RIGHT

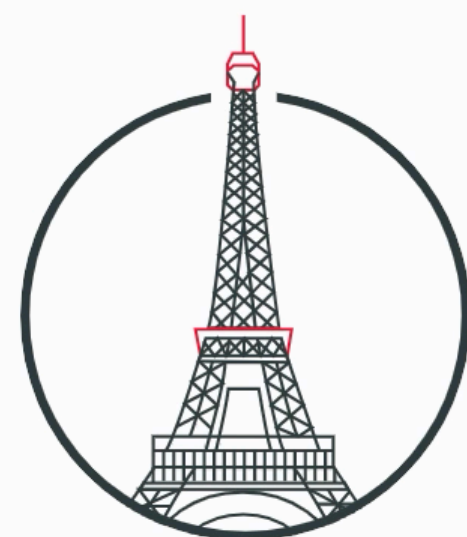
✅ How to serve high quality images to high resolution devices?

✅ How to optimise image size of small devices?

🙄 How not to wait for full download of images before rendering the pages?



# FAST RENDERING OUT OF THE BOX

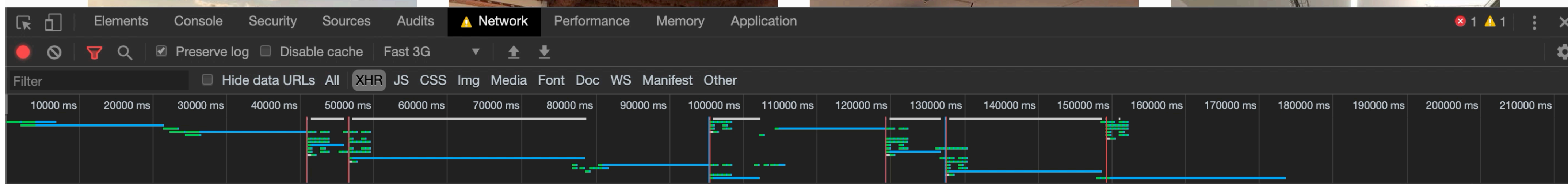
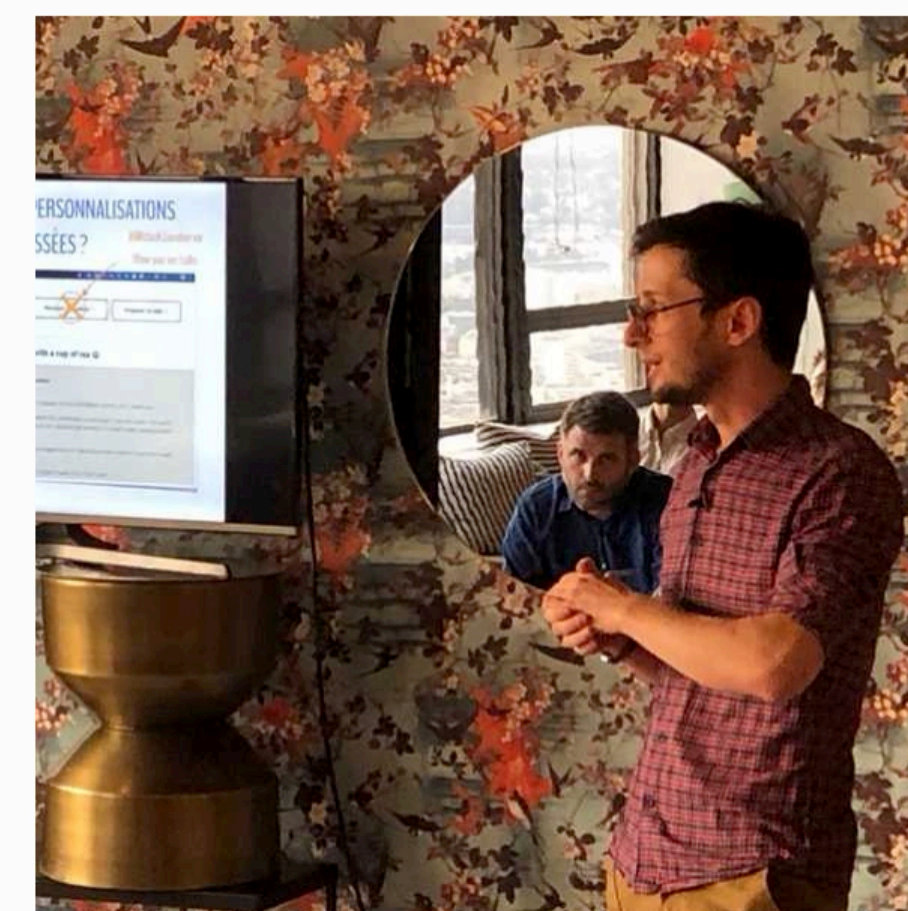
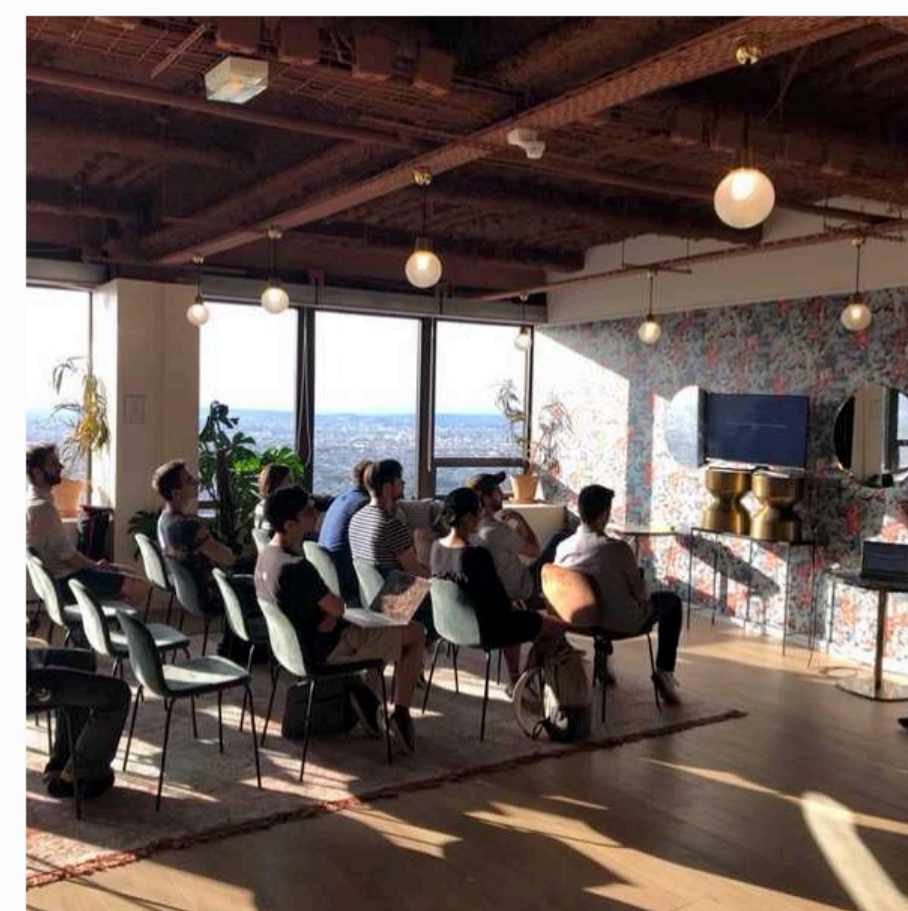
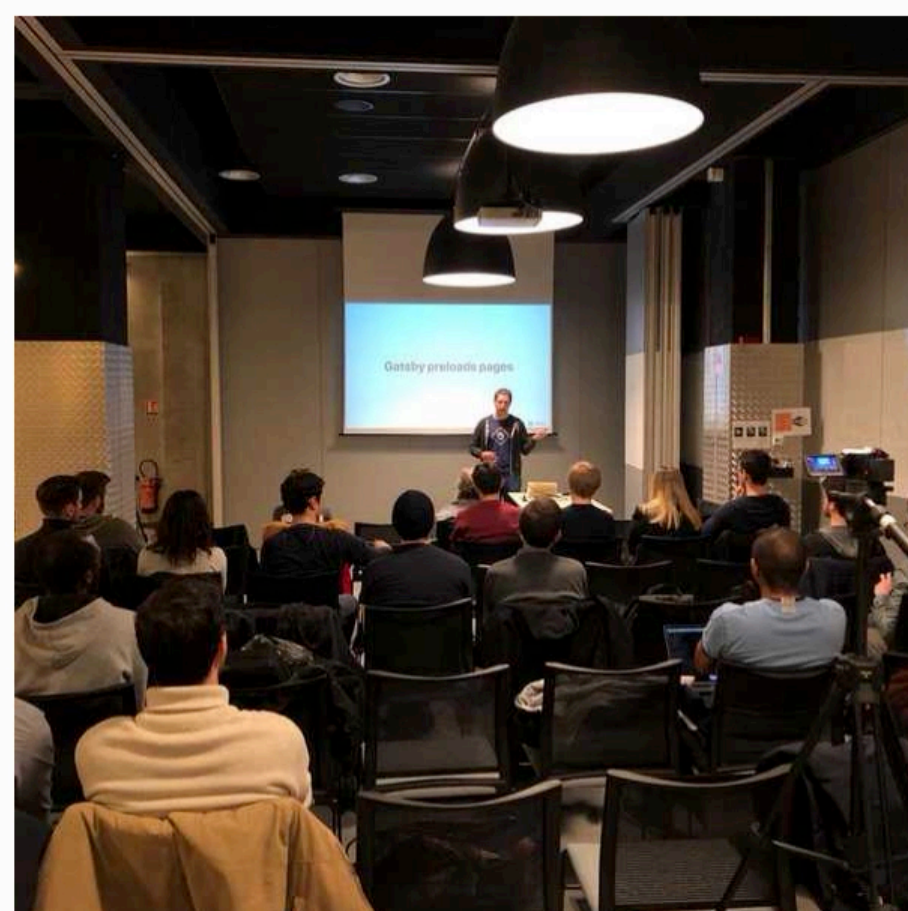


**JAMstack Paris**  
**Meetup**


Vidéos →

Photos →

Proposer un talk →



# 2 Get your GraphQL right with GraphiQL

Explorer X GraphiQL  Prettify History Explorer Code Exporter < Docs

```
query MyQuery
  allDirectory
  allFile {
    filter: {
      absolutePath:
      accessTime:
      atime:
      atimeMs:
      base:
      birthTime:
      birthtime:
      birthtimeMs:
      blksize:
      blocks:
      changeTime:
      childImageSharp:
      childMarkdownRemark:
      children:
      ctime:
      ctimeMs:
      dev:
      dir:
      ext:
      extension:
      oid:
    }
  }
}
```

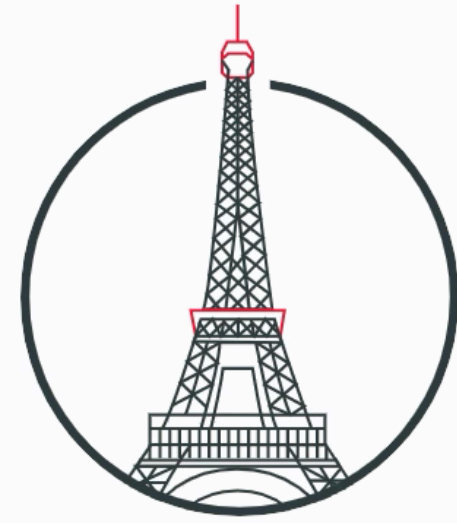
```
1 query MyQuery {
2   allFile(filter: {sourceInstanceName: {eq: "gallery"}}) {
3     edges {
4       node {
5         childImageSharp {
6           fixed(width: 300, height: 300) {
7             base64
8             tracedSVG
9             aspectRatio
10            width
11            height
12            src
13            srcSet
14            srcWebp
15            srcSetWebp
16            originalName
17          }
18        }
19      }
20    }
21  }
22 }
```

```
{
  "data": {
    "allFile": {
      "edges": [
        {
          "node": {
            "childImageSharp": {
              "fixed": {
                "base64":
                "data:image/jpeg;base64,/9j/2wBDABALD
                A4MChAODQ4SERATGCga
                GBYWGDEjJR0o0jm9PDK
                zODdASFxOQERXRTc4UG
                1RV19iZ2hnPk1xeXBke
                Fx1Z2P/2wBDARESEhgV
                GC8aGi9jQjhCY2NjY2N
                jY2NjY2NjY2NjY2NjY2
                NjY2NjY2NjY2NjY2NjY
                2NiY2NiY2NiY2NiY2NiY
```

**TRACED SVG?**



# SMOOTH TRANSITION

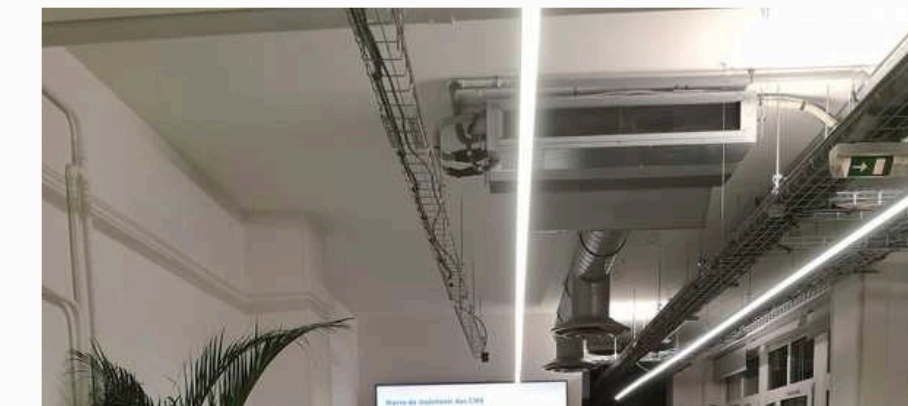
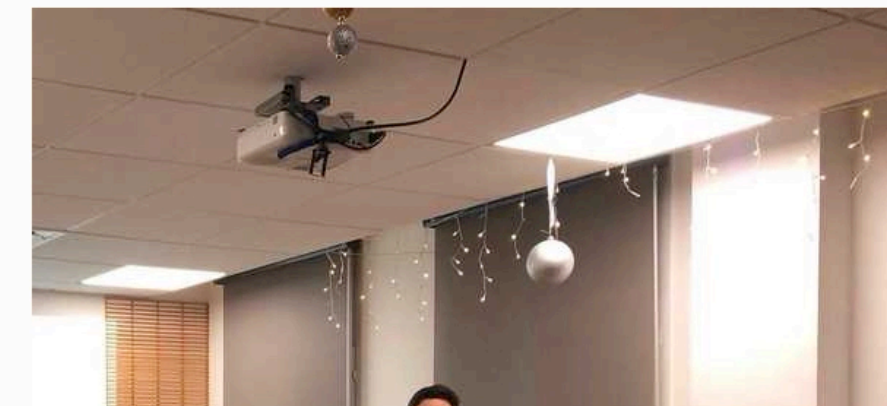
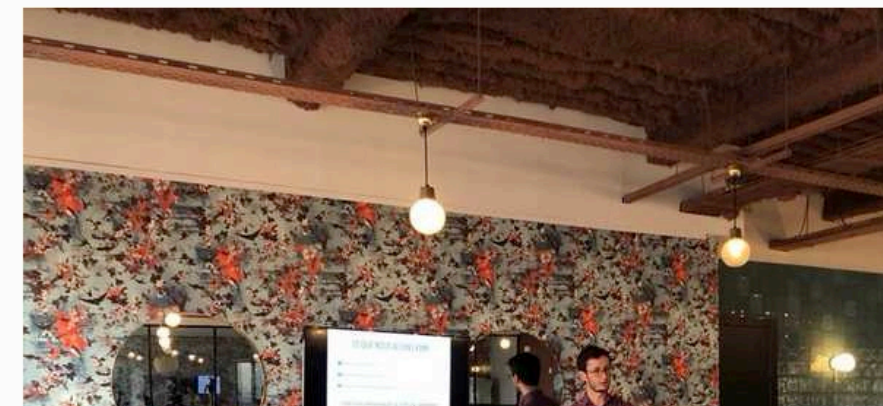
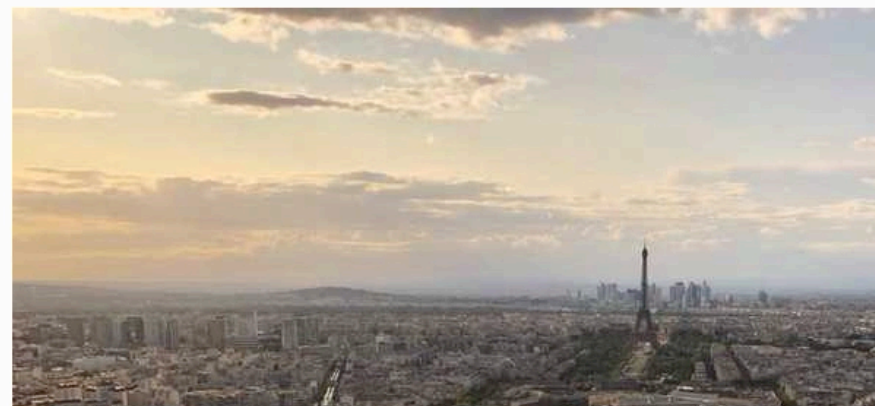
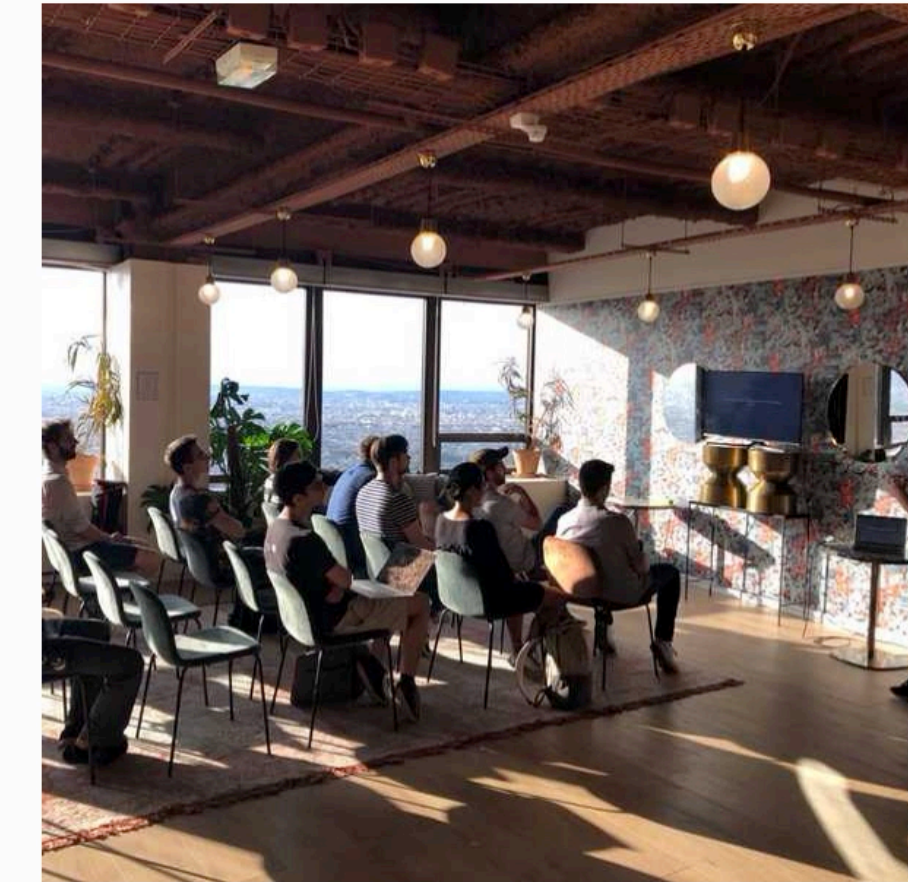
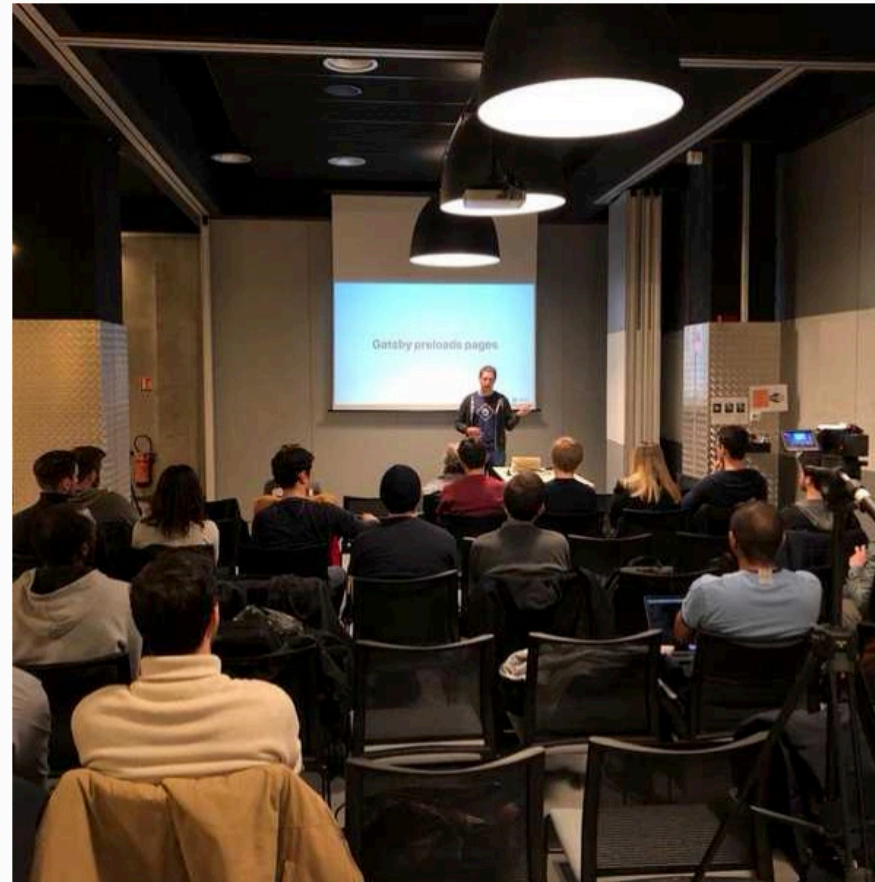


**JAMstack Paris**  
**Meetup**

Vidéos →

Photos →

Proposer un talk →





**PERFORMANCE**



# FAST, BY DEFAULT

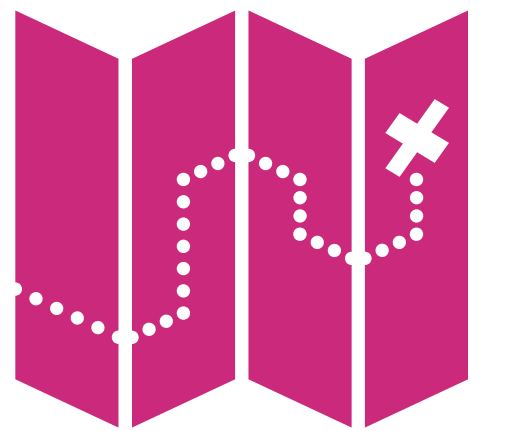
*“I designed Gatsby with the goal that when using it, it’d be really hard to build a slow site”*

*— Kyle Matthews, GatsbyJS creator*

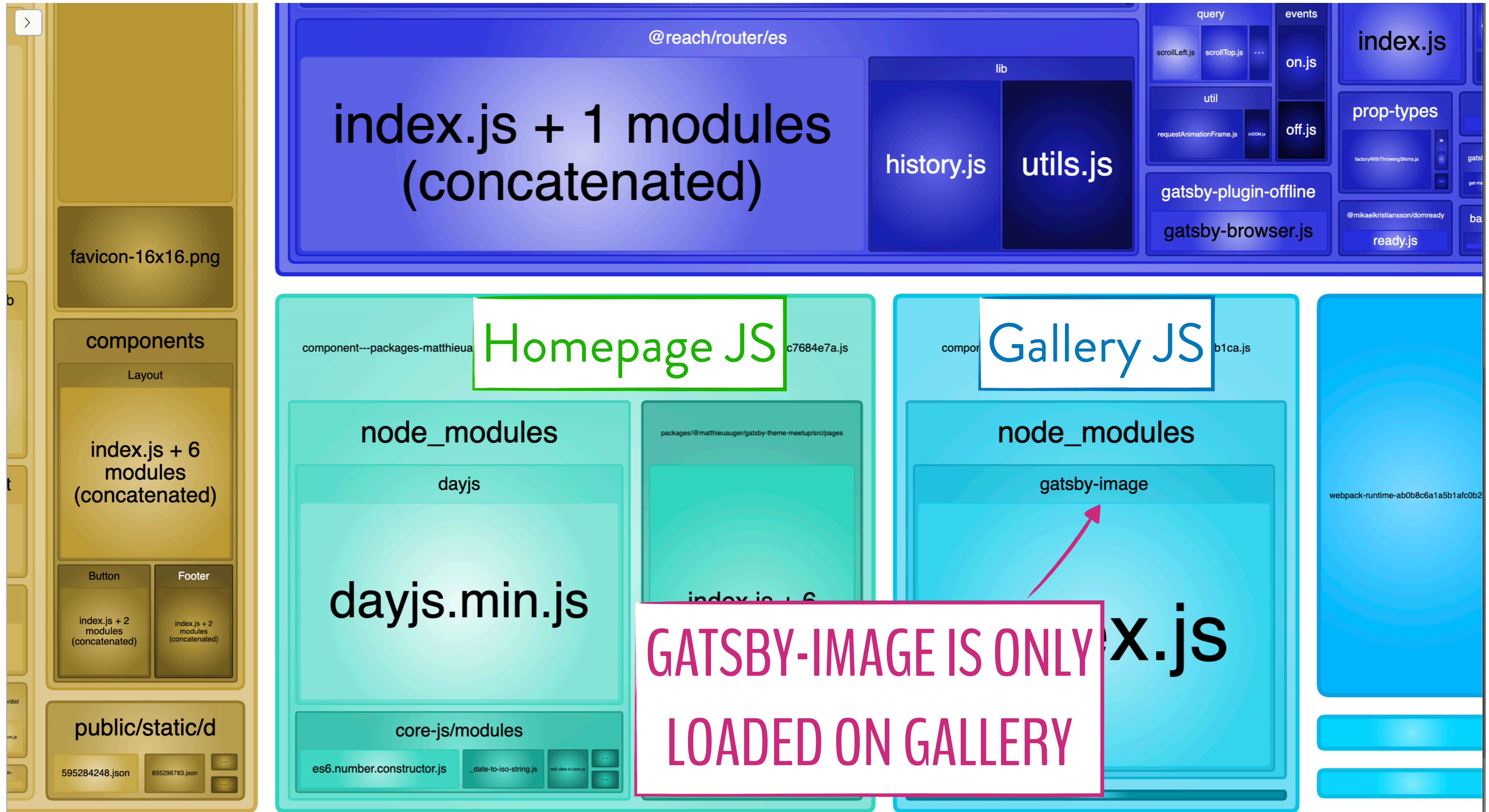
# ROUTE BASED CODE SPLITTING

**Goal of code splitting:** only bring to the user what he needs, when he needs it. We will split our Javascript in multiple chunks and when the user makes an action, he will only receive the related Javascript

MANUAL CODE  
SPLITTING IS HARD  
WITH WEBPACK



# GATSBY AUTOMATICALLY SPLITS YOUR CODE BY PAGE



# SUBPAGES ARE PREFETCHED ON LINK HOVER



**JAMstack**  
**Paris**  
**Meetup**

Vidéos



Photos



## Le meetup bimestriel autour de la JAMstack

Qu'est-ce que la  
JAMstack ?

C'est du Javascript, des APIs, et du Markup.

Un mélange détonnant entre les sites statiques “à l'ancienne” et les technos récentes comme React et GraphQL qui permet de concevoir des sites super rapides, super rapidement.

La JAMstack s'appuie sur des technos comme Gatsby, Contentful, Netlify et bien d'autres, et fait tourner des sites de tous types et de toutes tailles :

The screenshot shows the Network tab of a browser's developer tools. The top bar includes tabs for Elements, Console, Security, Sources, and Network. The Network tab is active, showing a list of network requests. The filter is set to 'All'. The requests are categorized by type: XHR, JS, CSS, Img, Media, Font, Doc, WS, Manifest, and Other. The timeline shows several requests occurring between 100,000 ms and 600,000 ms. The status bar at the bottom indicates 'Recording network activity...' and 'Perform a request or hit ⌘ R to record the reload.' There is also a link to 'Learn more'.

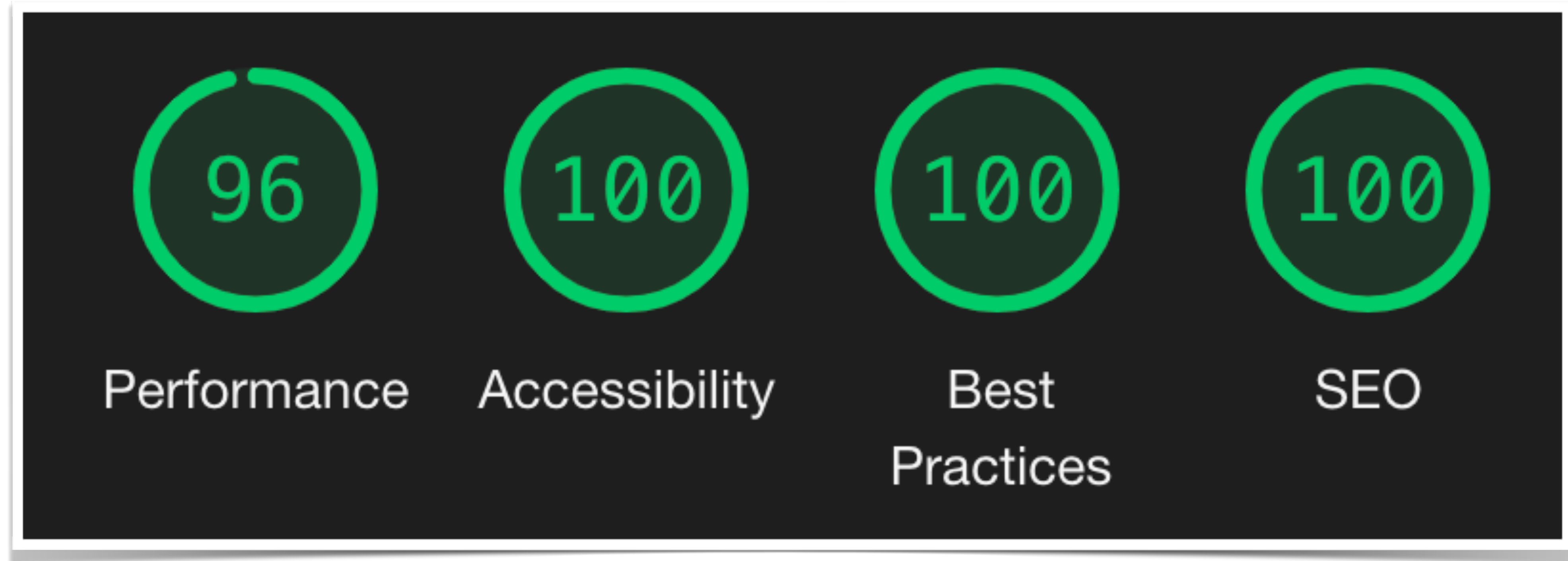
# OTHER BUILT-IN OPTIMIZATIONS

 Native Lazy Loading

 Inline Critical CSS

 HTTP2

# IMO GATSBY DOES FULFILL ITS PROMISES



**GATSBY LIMITS** 



# BUILD TIME IS CORRELATED TO CONTENT SIZE

*“builds are slow (about 1.5-2 times slower than my PC) and [...] 15 minutes is sometimes easy to reach”*

# ERRORS MAY BE MYSTERIOUS

```
info bootstrap finished - 1.536 s
```

```
error There was an error compiling the html.js component for the development server.
```

```
See our docs page on debugging HTML builds for help https://goo.gl/yL91ND
```

```
89 |     }  
90 |     if (args.length > 8) {  
> 91 |         // Check before the condition to catch violations early.  
    |         ^  
92 |         throw new Error('warningWithoutStack() currently supports at most 8 arguments.');
```

## WebpackError:

- react-dom-server.node.development.js?5336:91 Parser.pp\$4.raise  
~/react-dom/cjs/react-dom-server.node.development.js?5336:91:1
- react.development.js?1871:438 Parser.pp.unexpected  
~/react/cjs/react.development.js?1871:438:1
- react.development.js?1871:432 Parser.pp.expect  
~/react/cjs/react.development.js?1871:432:1
- index.js?2927:76 Parser.pp\$3.parseObj  
~/object-assign/index.js?2927:76:1

# SUM-UP

 Really good experience

 Documentation is great

 Community is positive and helpful

 The hybrid approach of static and dynamic

 Still look for a professional project to use Gatsby with

# IF YOU WANT TO BEGIN WITH GATSBY

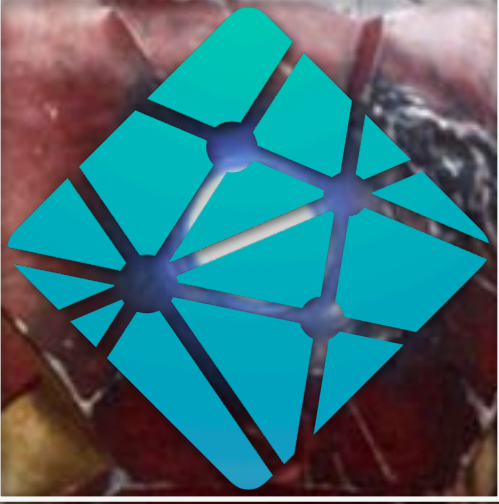
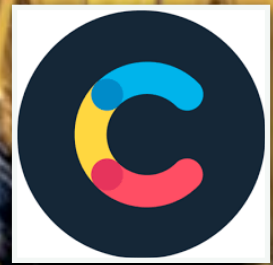


<https://www.gatsbyjs.org/docs/>



<https://egghead.io/browse/frameworks/gatsby>

<https://github.com/gatsbyjs/gatsby>



# BEFORE LEAVING, A QUICK TASTE OF GATSBY THEMES

“share design, components and set of  
plugins *easily* still allowing  
configuration and overriding”



## Gatsby Theme Meetup



Launch your meetup website in minutes 🚀

<https://github.com/matthieuauger/gatsby-theme-meetup>



# THANKS



Follow this guy, he tweets about Web Performance:  
phacks