

# Drinking my own champaign; hosting the AWS user group website on AWS Amplify

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Why a website?  
Possible options  
Set up in <2 minutes  
Deploying a change  
Amplify rocks

Windy City  
DEVFEST

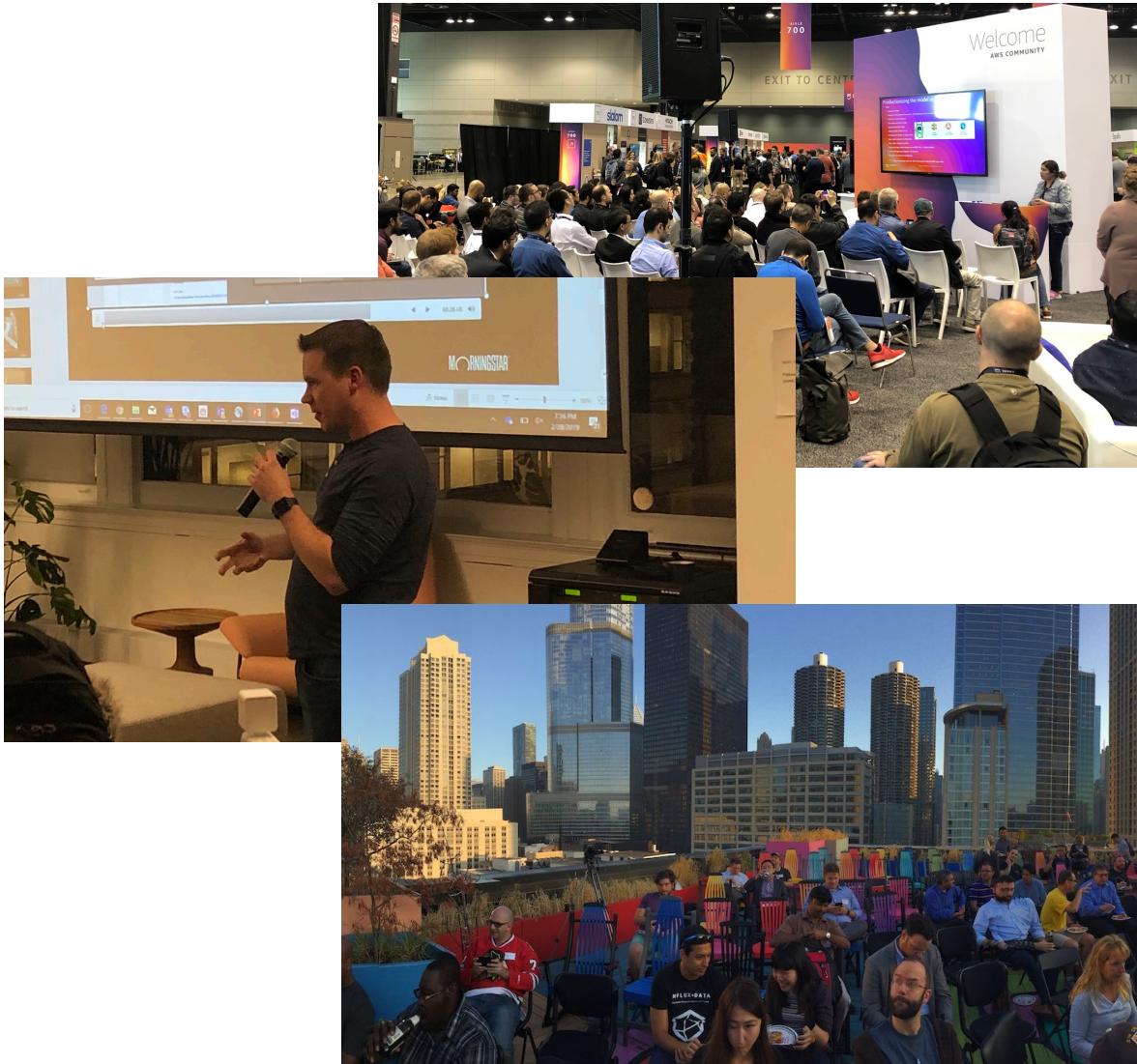


# Chicago AWS user group



- 5,000+ members (at least according to Meetup)
- Monthly events since 2014
- AWS users in a group, not AWS

# Chicago AWS user group ops

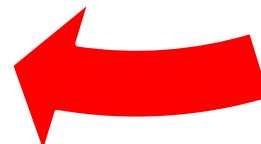


share

plan

run

promote



# Too many Google docs

Post-event checklist

- invoice sponsor
- send receipts in PDF to sponsors
- post photos to meetup
- upload slides to slideshare
- post link to slides on meetup
- email hopeful sponsors / hosts/ speakers
- update schedule & attendee email

Code of Conduct

**TL;DR Be excellent to each other.**

AWS Chicago is user-run and vendor-neutral. The group is dedicated to being open, welcoming, thought-provoking, and free of anyone trying to sell something or recruit members. The group is an open community to learn and share knowledge - attendees are encouraged to share thoughts, questions, and experiences in loosely structured discussions.

Because of our interactive and open environment, we will not tolerate harassment in any form, will not share attendee personal data, and will not distribute or sell attendee information to anyone.

By attending an AWS Chicago user group, you agree to comply with the group's code of conduct.

**Anti-harassment Policy:**

AWS Chicago is dedicated to providing a harassment-free conference experience for everyone, regardless of gender, gender identity and expression, sexual orientation, disability, physical appearance, body size, race, age or religion. We do not tolerate harassment of participants in any form. Conference participants violating these rules may be asked to leave or be blocked from future events at the discretion of the organizers.

Harassment includes verbal comments that reinforce social structures of domination related to gender, gender identity and expression, sexual orientation, disability, physical appearance, body size, race, age, religion; sexual images in public spaces; deliberate intimidation; stalking; following; harassing photography or recording; sustained disruption of talks or other events; inappropriate physical contact; and unwelcome sexual attention. Participants asked to stop any harassing behavior are expected to comply immediately.

If a participant engages in harassing behavior, the organizers may take any action they deem appropriate, including warning the offender or expulsion from the event. If you are being harassed, notice that someone else is being harassed, or have any other concerns, please contact an organizer immediately for help.

MEMBER_ID	OPTIN_TIME	LAST_CHANGE	TAGS
1	2/16/19 6:10	6/18/19 8:02	"High Tech", "Science & Technology"
1	5/3/19 15:30	1/21/21 10:48	"Science & Technology", "High Tech"
1	2/15/19 20:11	1/21/21 10:48	"High Tech", "Science & Technology"
1	6/13/19 15:26	7/16/20 11:28	"High Tech", "Science & Technology"
1	3/20/19 9:58	1/21/21 10:48	
1	3/1/18 20:34	1/21/21 10:48	"High Tech", "Science & Technology"
1	4/4/18 9:44	1/21/21 10:48	"High Tech", "Science & Technology"
1	4/4/18 8:56	1/21/21 10:48	"High Tech", "Science & Technology"
1	12/3/18 19:31	6/18/19 8:02	"High Tech", "Science & Technology"
1	9/4/18 8:59	1/21/21 10:50	"High Tech", "Science & Technology"
1	6/18/19 11:32	7/16/20 11:18	"High Tech", "Science & Technology"
1	2/15/19 23:10	1/21/21 10:48	"High Tech", "Science & Technology"
1	2/16/19 11:10	1/11/21 6:48	"High Tech", "Science & Technology"
1	1/25/19 23:13	1/21/21 10:52	"High Tech", "Science & Technology"
1	6/11/18 14:51	1/21/21 12:28	
1	5/8/18 14:03	1/21/21 12:08	"High Tech", "Science & Technology"
1	5/21/18 19:09	1/21/21 10:48	"High Tech", "Science & Technology"
1	9/4/18 13:09	1/21/21 12:38	"High Tech", "Science & Technology"
1	9/27/19 9:43	1/21/21 10:48	"FinOps in AWS"
1	5/3/19 15:29	1/21/21 10:48	"High Tech", "Science & Technology"

# But why?

The screenshot shows a Meetup group profile for "aws CHICAGO". The top navigation bar includes links for "Meetup", "Find a Meetup Group", "Start a Meetup Group", and "Invite Friends to Join". The main header features the group's logo, which consists of several white 3D cubes arranged in a grid-like pattern next to the text "aws CHICAGO". The main menu below the header includes "Home", "Members" (which is highlighted in red), "Sponsors", "Photos", "Pages", "Discussions", and "More". On the right side of the header, there are links for "Group tools" and "My profile". The main content area displays a member profile. The member's location is listed as "Chicago, IL" and they became a Meetup member on "May 4, 2010". Their bio states: "I am new to the investment business and want to get with a group of serious professionals. People that I can learn from and be as a team with. I am also interested in computer technology." Below this, a section titled "Member of 176 Meetups" lists four other groups the member is part of: "20s and 30s On The Town Member", "8th Light University Member", "AARP Chicago Northside Community Member", and "Action Design Chicago Member".

- Not meetup.com
- Code of conduct
- FAQs
- Member communications

# But how?



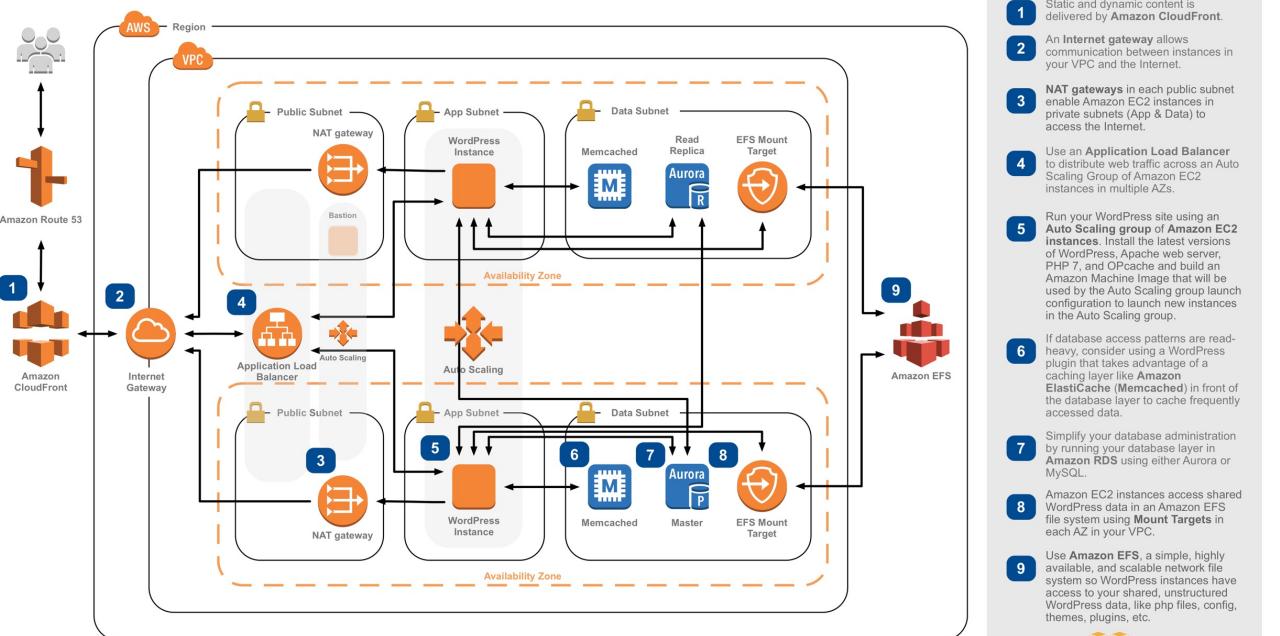
- CSS & HTML
- Hosting
- Forms on static sites

# Choices and tradeoffs



## WordPress Hosting How to run WordPress on AWS

WordPress is one of the world's most popular web publishing platforms, being used to publish 27% of all websites, from personal blogs to some of the biggest news sites. This reference architecture simplifies the complexity of deploying a scalable and highly available WordPress site on AWS.



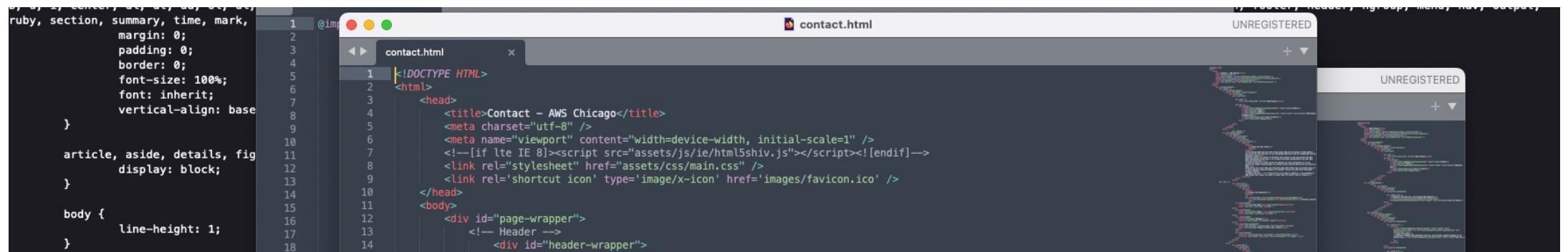
AWS Reference Architectures

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Chicagoaws.com v1

# Steal like an artist website



The image shows a developer's environment with multiple windows open. On the left, a code editor displays a CSS file with numerous comments and styling rules. In the center, a browser window shows the 'contact.html' page of a website, featuring a header with a logo and navigation links, and a main content area with a section. To the right, another browser window displays the 'devopsdays - Organizing Guide' page, which includes a table of contents and several sections with sub-points.

**contact.html**

```
<!DOCTYPE HTML>
<html>
  <head>
    <title>Contact - AWS Chicago</title>
    <meta charset="utf-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1" />
    <!--[if lt IE 8]><script src="assets/js/ie/html5shiv.js"></script><![endif]-->
    <link rel="stylesheet" href="assets/css/main.css" />
    <link rel="shortcut icon" type="image/x-icon" href="images/favicon.ico" />
  </head>
  <body>
    <div id="page-wrapper">
      <!-- Header -->
      <div id="header-wrapper">
        <header id="header" class="container">
          <div class="row">
            <div class="12u">
              <!-- Logo -->
              <h1><a href="index.html" id="logo"></a></h1>
              <!-- Nav -->
              <nav id="nav">
                <a href="https://www.meetup.com">Meetup</a>
                <a href="faqs.html">FAQs</a>
                <a href="news.html">News</a>
                <a href="https://www.midwestcomcommunityday.com">Community Day</a>
                <a href="codeofconduct.html">Code of Conduct</a>
                <a href="contact.html">Contact</a>
              </nav>
            </div>
          </div>
        </header>
      </div>
      <!-- Content -->
      <div id="content-wrapper">
        <div id="content">
          <div class="container">
            <div class="row">
              <div class="12u">
                <!-- Main Content -->
                <section>
```

**devopsdays - Organizing Guide**

**Introduction**

Congratulations! The fact that you have reached this page means you at least have an interest in spreading the devops love. When we organized the first event, we were probably as excited as you are now. But we were also bit scared and full of questions: what is the first thing we have to do?

Years later, we can offer some advice from our experiences. Even though every event is a bit unique in its own way, we've found an approach for organizing these events. With this document we want to support you and make you feel at ease in organizing your own!

We recommend that at least one person on your team attend another devopsdays first, and then get in touch with the core organizers if you'd like to organize your own!

**Assembling a team**

In the devops spirit of collaboration, find people in your region that want to help you run the next awesome event.

- Talk to people at your local devops or related community meetups.
- Tweet that you'd be interested in running one in your region. (Use the #devopsdays hashtag.)
- Email the global core organizers and we'll try to connect you to other people in your region.

You're going to need at least three people from three different organizations on your local organizing team, so you have representation from the community. We aren't going to green-light events put on by just one company, and you'll want the other two companies on board. Make sure everyone understands this is not about lead generation; organizers cannot use contact info from companies.

**Website, Email, and Slack**

When you have your initial team, email the global core organizers and we'll schedule a kickoff meeting with you. This will help you get started.

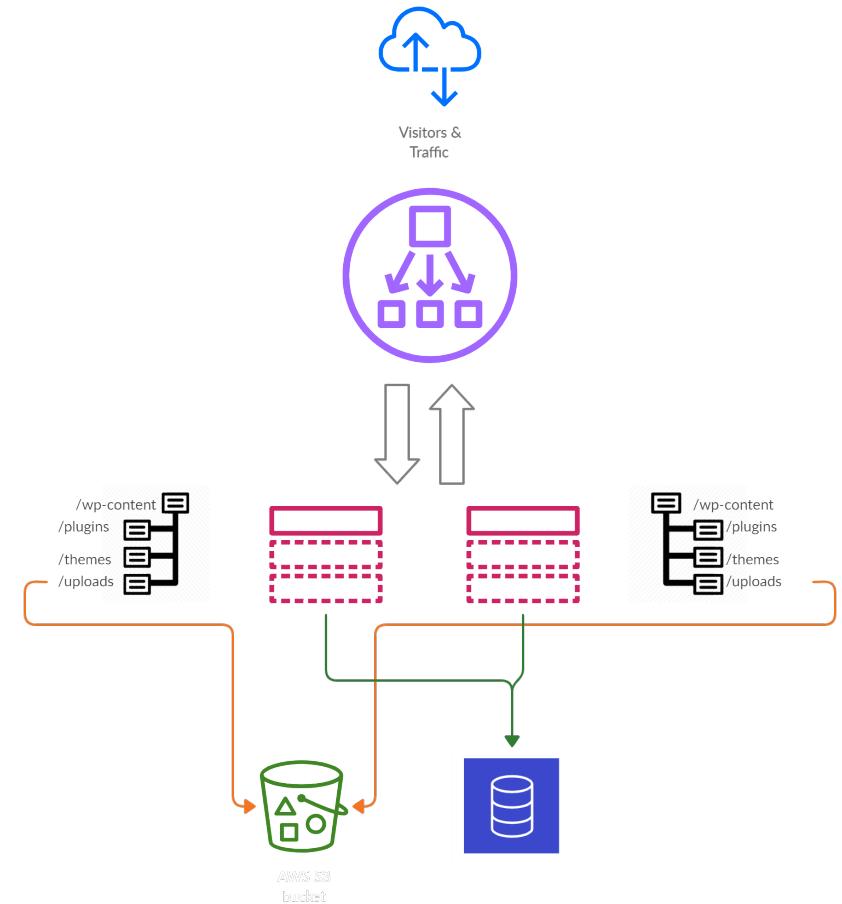
# Version control != stick it in GitHub

The screenshot shows a GitHub repository page for the user 'margaretblt' under the organization 'awschicago'. The repository is public and contains 7 branches and 0 tags. The main branch has 39 commits. The commits are listed below, showing updates to various files like 'assets', 'images', and several HTML files. The commits are dated from 5 months ago to 2 years ago. The repository has 0 stars, 0 forks, and 0 releases. It also has 2 contributors: 'margaretblt' and 'dependabot[bot]'. The GitHub interface includes a search bar, navigation tabs (Code, Issues, Pull requests, Actions, Projects, Wiki, Security, Insights, Settings), and various repository management buttons.

File	Commit Message	Date
assets	updated links	2 years ago
images	updated footers	5 months ago
.DS_Store	updated links	2 years ago
2019-state-of-the-ugroup.html	updated footers	5 months ago
2021_recap_and_MeetingPlace.html	updated footers	5 months ago
2022_community_day_recap.html	updated footers	5 months ago
AWS-Guides-and-Tips-of-2019.html	updated footers	5 months ago
Gemfile.lock	Merge pull request #3 from margaretblt/dependabot/bundler/rex...	2 years ago
back-to-meetup.html	updated footers	5 months ago
codeofconduct.html	added midwest	5 months ago
contact.html	added midwest	5 months ago
error.html	updated footers	5 months ago
faqs.html	added midwest	5 months ago
index.html	added midwest	5 months ago
news.html	added midwest	5 months ago

---

it was 2016 ok??



# Not great

- Difficult to update
- No change tracking
- Plugs and security worries
- Some cost
- More effort, not less
- It's Wordpress



<https://library.torontomu.ca/blog/2015/02/>

AMC

# Chicagoaws.com v2

# Converting to anything else

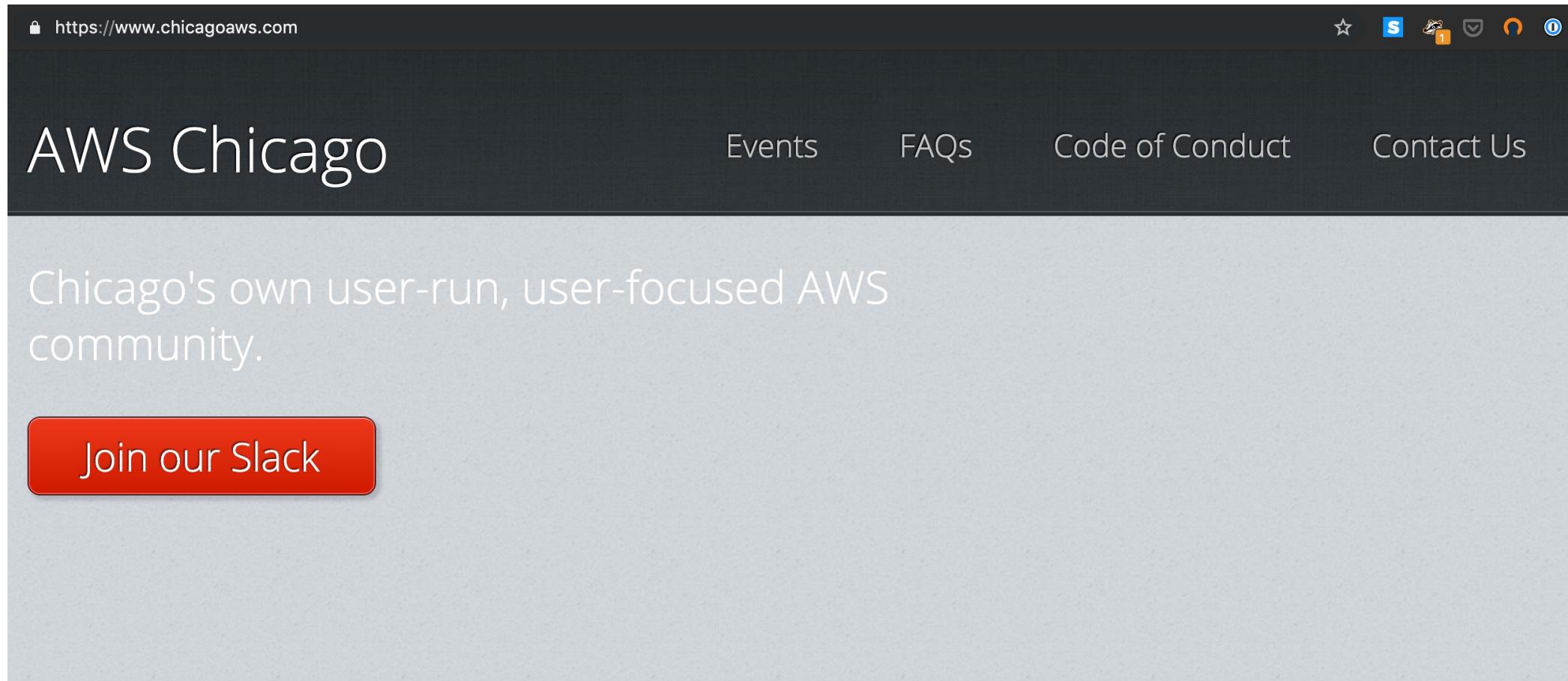
The screenshot shows a blog post titled "WordPress to Static Site Gen Migration and Deployment" by Phong Huynh. The post was published on September 24th, 2018, and has 5,170 reads. The post discusses the process of migrating a WordPress site to static site generators like Hugo and Jekyll. It features a Netlify logo and a large "HUGO" logo. A profile picture of Phong Huynh is shown, along with a bio and links to his blog posts and GitHub repository.

<https://hackernoon.com/wordpress-to-static-site-generator-hugo-migration-and-deployment-788a69b93e66>

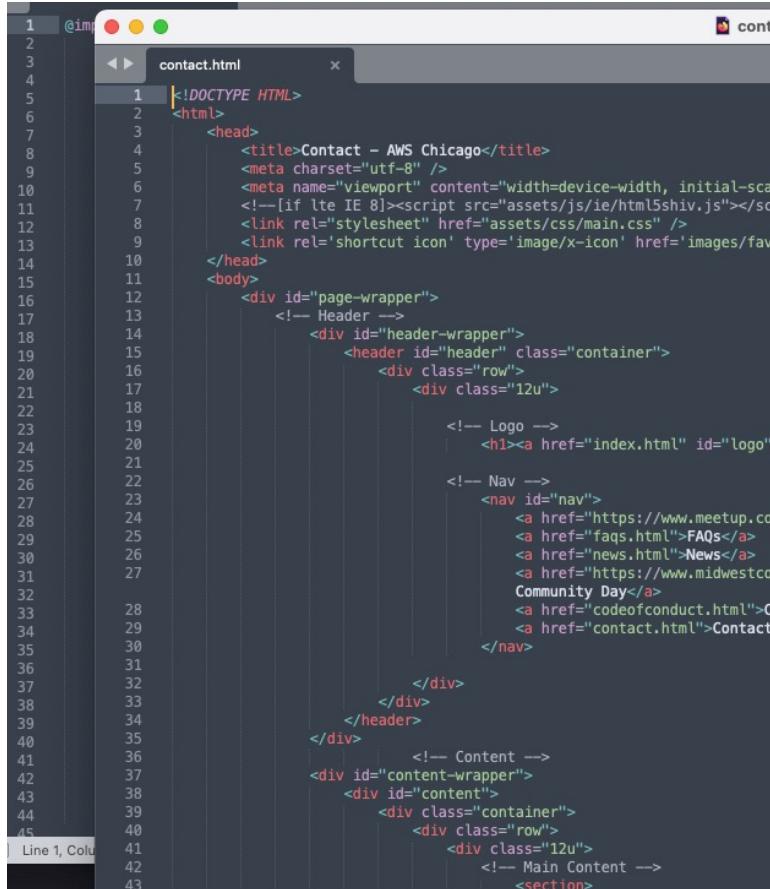
The screenshot shows the GitHub repository "wordpress-export-to-markdown" by lonekorean. The repository has 9 branches and 14 tags. The README.md file describes a script that converts a WordPress export XML file into Markdown files suitable for static site generators like Gatsby, Hugo, and Jekyll. A terminal window shows the script being run with a WordPress export file named "export.xml".

<https://github.com/lonekorean/wordpress-export-to-markdown>

# Good enough



# Steal like an artist website



A screenshot of a code editor window titled "contact.html". The code is written in HTML and shows the structure of a web page. It includes doctype, head, body, header, nav, and content sections. The code uses semantic HTML and includes meta tags for charset and viewport, as well as a link to a main CSS file.

```
1 1 <!DOCTYPE HTML>
2 2 <html>
3 3   <head>
4 4     <title>Contact - AWS Chicago</title>
5 5     <meta charset="utf-8" />
6 6     <meta name="viewport" content="width=device-width, initial-scale=1.0" />
7 7     <!--[if lte IE 8]><script src="assets/js/ie/html5shiv.js"</script>
8 8     <link rel="stylesheet" href="assets/css/main.css" />
9 9     <link rel="shortcut icon" type="image/x-icon" href="images/favicon.ico" />
10 10 </head>
11 11 <body>
12 12   <div id="page-wrapper">
13 13     <!-- Header -->
14 14     <div id="header-wrapper">
15 15       <header id="header" class="container">
16 16         <div class="row">
17 17           <div class="12u">
18 18             <!-- Logo -->
19 19             <h1><a href="index.html" id="logo">
20 20               City of Chicago
21 21             </a></h1>
22 22             <!-- Nav -->
23 23             <nav id="nav">
24 24               <a href="https://www.meetup.com/City-of-Chicago-Meetup-Group/">Meetup</a>
25 25               <a href="faqs.html">FAQs</a>
26 26               <a href="news.html">News</a>
27 27               <a href="https://www.midwestchicago.org/Community-Day/">Community Day</a>
28 28               <a href="codeofconduct.html">Code of Conduct</a>
29 29               <a href="contact.html">Contact</a>
30 30             </nav>
31 31           </div>
32 32         </div>
33 33       </header>
34 34     </div>
35 35     <!-- Content -->
36 36     <div id="content-wrapper">
37 37       <div id="content">
38 38         <div class="container">
39 39           <div class="row">
40 40             <div class="12u">
41 41               <!-- Main Content -->
42 42               <section>
43 43                 <h2>Contact</h2>
44 44                 <p>The City of Chicago is committed to making our communications accessible to all. If you have any questions or need assistance, please don't hesitate to get in touch with us. We're here to help!</p>
45 45               </section>
46 46             </div>
47 47           </div>
48 48         </div>
49 49       </div>
50 50     </div>
51 51   </div>
52 52 </body>
53 53 </html>
```

# WELCOME TO THE CHICAGO DESIGN SYSTEM

The Chicago Design System is the public visual identity of the City of Chicago.

It is an inclusive, equitable, cost saving system for City communication and for public use to show civic pride.

<b>ALL SYMBOLS</b> All City of Chicago identity elements	<b>BASICS</b> Our star, colors, type & icons	<b>CITY SEAL</b> The Seal of the City of Chicago
<b>FLAG</b>	<b>MUNICIPAL DEVICE</b>	<b>PUBLIC MARK</b>

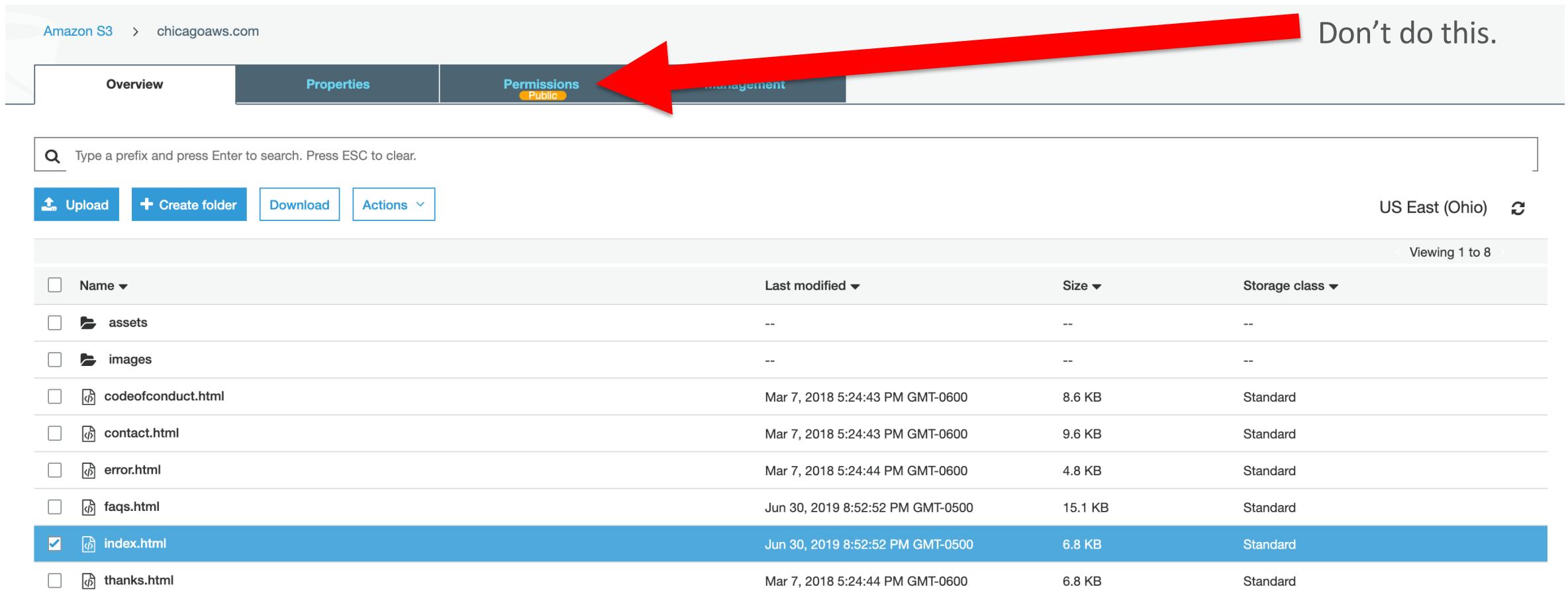
<https://design.chicago.gov/>

---

# Super cheap, what could go wrong?



# Plop those files in S3



Amazon S3 > chicagoaws.com

Overview Properties Permissions Management Public

Don't do this.

Type a prefix and press Enter to search. Press ESC to clear.

Upload + Create folder Download Actions US East (Ohio)

Name	Last modified	Size	Storage class
assets	--	--	--
images	--	--	--
codeofconduct.html	Mar 7, 2018 5:24:43 PM GMT-0600	8.6 KB	Standard
contact.html	Mar 7, 2018 5:24:43 PM GMT-0600	9.6 KB	Standard
error.html	Mar 7, 2018 5:24:44 PM GMT-0600	4.8 KB	Standard
faqs.html	Jun 30, 2019 8:52:52 PM GMT-0500	15.1 KB	Standard
<input checked="" type="checkbox"/> index.html	Jun 30, 2019 8:52:52 PM GMT-0500	6.8 KB	Standard
thanks.html	Mar 7, 2018 5:24:44 PM GMT-0600	6.8 KB	Standard

# Static S3 hosting

Don't do this.

The screenshot shows two side-by-side views of the AWS S3 console. On the left, the 'Edit static website hosting' page is displayed. Under 'Static website hosting', the 'Enable' radio button is selected. Under 'Hosting type', the 'Host a static website' radio button is selected. A note below states: 'For your customers to access content at the website endpoint, you must make publicly readable. To do so, you can edit the S3 Block Public Access settings for more information, see Using Amazon S3 Block Public Access.' In the 'Index document' section, 'index.html' is specified. On the right, the 'Permissions' tab of a bucket's properties page is shown. A large red arrow points from the note in the static website hosting configuration to the 'Publicly accessible' status in the permissions tab, highlighting a common mistake where public access is not disabled despite enabling static website hosting.

# Routing is hard

The screenshot shows the AWS Route 53 console. On the left, the navigation menu includes options like Dashboard, Hosted zones, IP-based routing, Traffic flow, Domains, and Resolver. The 'Hosted zones' section is selected, showing a list of zones. One zone, represented by a blacked-out URL ending in '.com', is selected. The main pane displays 'Hosted zone details' with 14 records listed. The 'Records' tab is active, showing a table with columns: Record name, Type, Routing policy, Differ..., Alias, Value/Route traffic to, and TTL (s). The table contains several entries, including an A record pointing to an S3 website endpoint and an NS record for ns-1052.awsdns-03.org. An 'Edit record' dialog is open on the right, focused on a subdomain entry. The dialog fields include:

- Record name:** subdomain [highlighted]
- Record type:** A – Routes traffic to an IPv4 address and so...
- Alias:**
- Route traffic to:** Alias to S3 website endpoint
- US East (Ohio):** s3-website.us-east-2.amazonaws.com [highlighted]
- Routing policy:** Simple routing
- Evaluate target health:**  No

At the bottom of the dialog are 'Cancel' and 'Save' buttons.

At the very bottom of the page, there are links for CloudShell, Feedback, Storage, and a footer with copyright information and links for Privacy, Terms, and Cookie preferences.

# Certs and distros and redirects, oh my

The screenshot displays two overlapping AWS service interfaces: 'Create Distribution' and 'Request a certificate'.

**Create Distribution (Top Interface):**

- Step 1: Select delivery method** (blue)
- Step 2: Create distribution** (orange, currently active)

### Origin Settings

Origin Domain Name: `chicagoaws.com.s3.amazonaws.com`

Origin Path: `/index.html`

Origin ID: `S3-chicagoaws.com/index.html`

Restrict Bucket Access:  Yes  No

Origin Custom Headers: Header Name

**Edit Distribution (Modal):**

### Distribution Settings

Price Class: Use Only U.S., Canada and Europe

AWS WAF Web ACL: None

**Request a certificate (Bottom Interface):**

### Step 1: Add domain names

Step 2: Select validation method

Step 3: Review

Step 4: Validation

#### Add domain names

Type the fully qualified domain name of the site you want to secure with an SSL/TLS certificate (for example, `www.example.com`). Use an asterisk (\*) to request a wildcard certificate to protect several sites in the same domain. For example: `*.example.com` protects `www.example.com`, `site.example.com` and `images.example.com`.

Domain name*	Remove
<code>awschicago.com</code>	
<code>www.awschicago.com</code>	
<code>chicagoaws.com</code>	
<code>www.chicagoaws.com</code>	

**Add another name to this certificate**

You can add additional names to this certificate. For example, if you're requesting a certificate for "`www.example.com`", you might want to add the name "`example.com`" so that customers can reach your site by either name. [Learn more](#).

\*At least one domain name is required

Cancel **Next**

**Informational Notes:**

- TTP to access your content with the CloudFront domain name (such as browsers or devices support TLSv1 or later to access your content).
- tent by using an alternate domain name, such as `https://www.example.com/logo.jpg`. ACM) in the US East

# Testing in prod

The screenshot shows the AWS Chicago website. At the bottom of the page, there is a dark footer bar containing several links: "About the Group", "Past Events", "Join Fellow AWS Users", and "Learn More". To the right of these links, there is a "UNREGISTERED" user interface for Slack, which displays a list of messages. The footer content (links) is partially visible behind the Slack UI, indicating a layout or rendering issue.

```
ruby
AWS Chicago FAQs AWS Midwest Community Day Code of Conduct Contact Us

Join our Slack

About the Group
Chicago's premiere AWS community! User-run, user-focused, monthly meetups in the Chicago area. Join us!
Past Events
Thanks to user group members for sharing their work! View all slides on Slideshare and videos on YouTube.
Join Fellow AWS Users
Meet other AWS users in Chicago virtually and in real life at our events. See what's up next on Meetup page.
Learn More
Want to get involved but don't know where to start? Read our FAQs for sponsors, speakers, hosts, and general events.



|                      |    |    |
|----------------------|----|----|
| border-collapse: col | 40 | 35 |
| border-spacing: 0;   | 41 | 36 |
| }                    | 42 | 37 |
| body {               | 43 | 38 |
| -webkit-text-size-ad | 44 | 39 |
| }                    | 45 | 40 |


</div>      <!-- Content -->
<div id="content-wrapper">
  <div id="content">
    <div class="container">
      <div class="row">
        <div class="12u" style="text-align: center;">
          <!-- Main Content -->
          <section>
```

But I'm lazy

# Wouldn't a pipeline be great?

The screenshot shows the AWS Amplify console interface. On the left, a sidebar navigation bar includes links for 'All apps' (with 'authvue-cy-pass-pub' selected), 'App settings' (with 'Previews' highlighted in orange), 'General', 'Domain management', 'Build settings', 'Email notifications', 'Environment variables', 'Access control', 'Access logs', 'Rewrites and redirects', 'Documentation', and 'Support'. The main content area displays a pipeline diagram at the top, followed by two sections: 'Previews' and 'Pull requests'.

**Previews** section:

- Header: Previews offer a way to preview changes before merging a pull request. [Learn more](#)
- Diagram: A horizontal flowchart showing the pipeline stages: Create a branch, Add commits, Open a pull request (with a link to <https://pr1.amplifyapp.com>), Discuss and review, and Merge and deploy (with a note that 'PR preview is deleted').

**Pull requests** section:

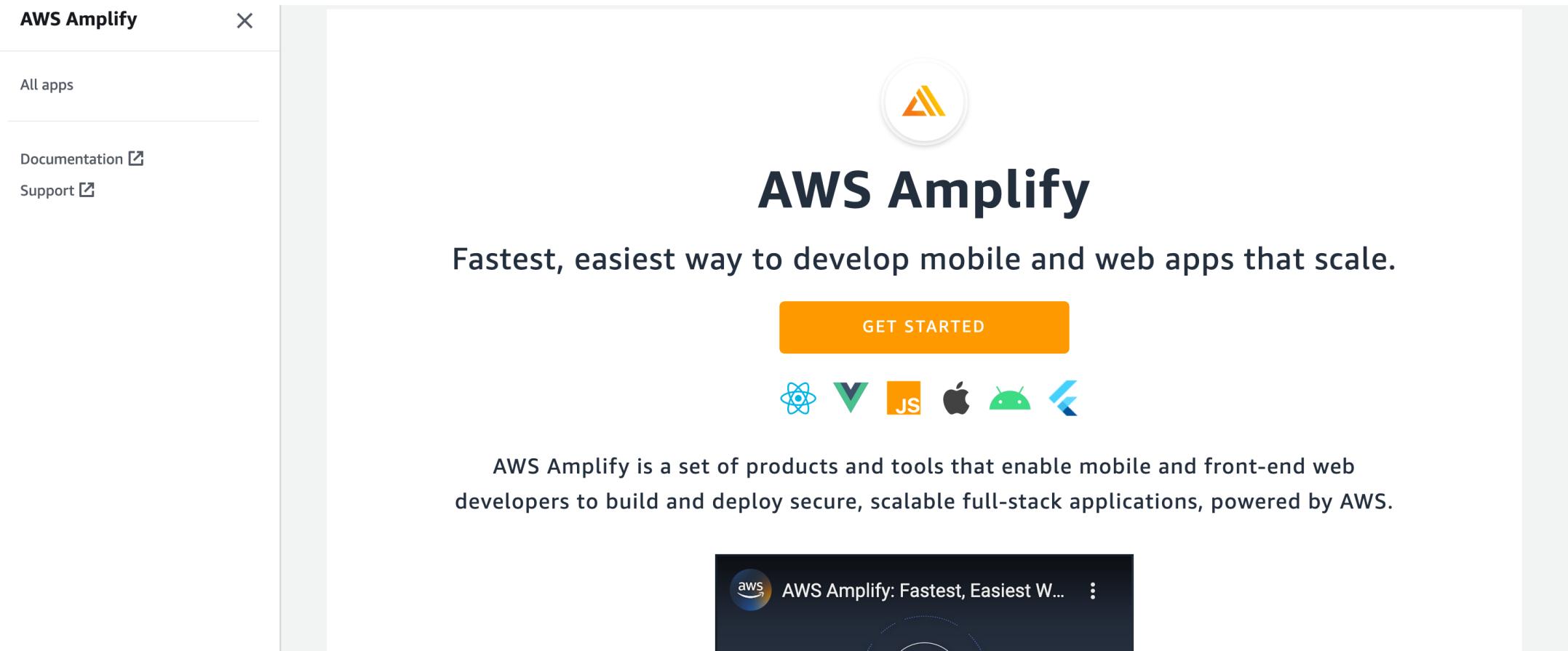
- Header: Pull requests
- Search bar:  Search
- Table: A list of pull requests with columns for Name, Description, Preview URL, Status, and Branch.

Name	Description	Preview URL	Status	Branch
pr-2	GitHub - Update README.md	<a href="https://pr-2.d19ab8t30yq0qc.amplifyapp.com">https://pr-2.d19ab8t30yq0qc.amplifyapp.com</a>	In progress	master
- Buttons: 'Preview settings' (orange button) and navigation controls (< 1 >).



# AWS Amplify

# Let's get started! ClickOps all the way



The screenshot shows the AWS Amplify homepage. At the top left is the "AWS Amplify" logo and a close button ("X"). A sidebar on the left contains links: "All apps", "Documentation" (with a question mark icon), and "Support" (with a question mark icon). The main content area features the AWS Amplify logo (an orange 'A' inside a circle) and the text "AWS Amplify" in large bold letters. Below that is the tagline "Fastest, easiest way to develop mobile and web apps that scale." A prominent orange "GET STARTED" button is centered. Below the button are icons for React (atom), Vue (green 'V'), JavaScript (orange 'JS'), iOS (apple), Android (green phone), and Node.js (blue 'N'). A descriptive paragraph explains: "AWS Amplify is a set of products and tools that enable mobile and front-end web developers to build and deploy secure, scalable full-stack applications, powered by AWS." At the bottom is a dark card with the AWS logo and the text "AWS Amplify: Fastest, Easiest W...".

# Let's host

AWS Amplify X

All apps

Documentation  Support 

### Amplify Studio



#### Build an app

Build an app backend with auth, data, and storage, and create custom UI components. Then integrate them in your app with just a few steps.

[Get started](#)

### Amplify Hosting



#### Host your web app

Connect your Git repository to continuously deploy your frontend and backend. Host it on a globally available CDN.

[Get started](#)

Already have existing Cognito, S3, or other AWS resources? Connect to them from your app with the Amplify Libraries. [Go to docs](#)

# Github

AWS Amplify    X

All apps

Documentation ↗

Support ↗

## Get started with Amplify Hosting

Amplify Hosting is a fully managed hosting service for web apps. Connect your repository to build, deploy, and host your web app.

**From your existing code**

Connect your source code from a Git repository or upload files to host a web app in minutes.

GitHub 

Bitbucket 

GitLab 

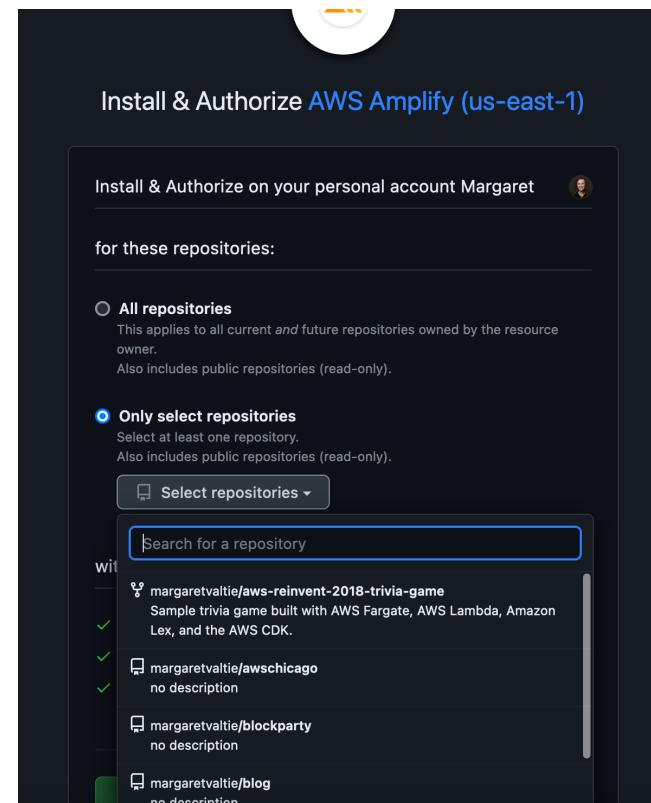
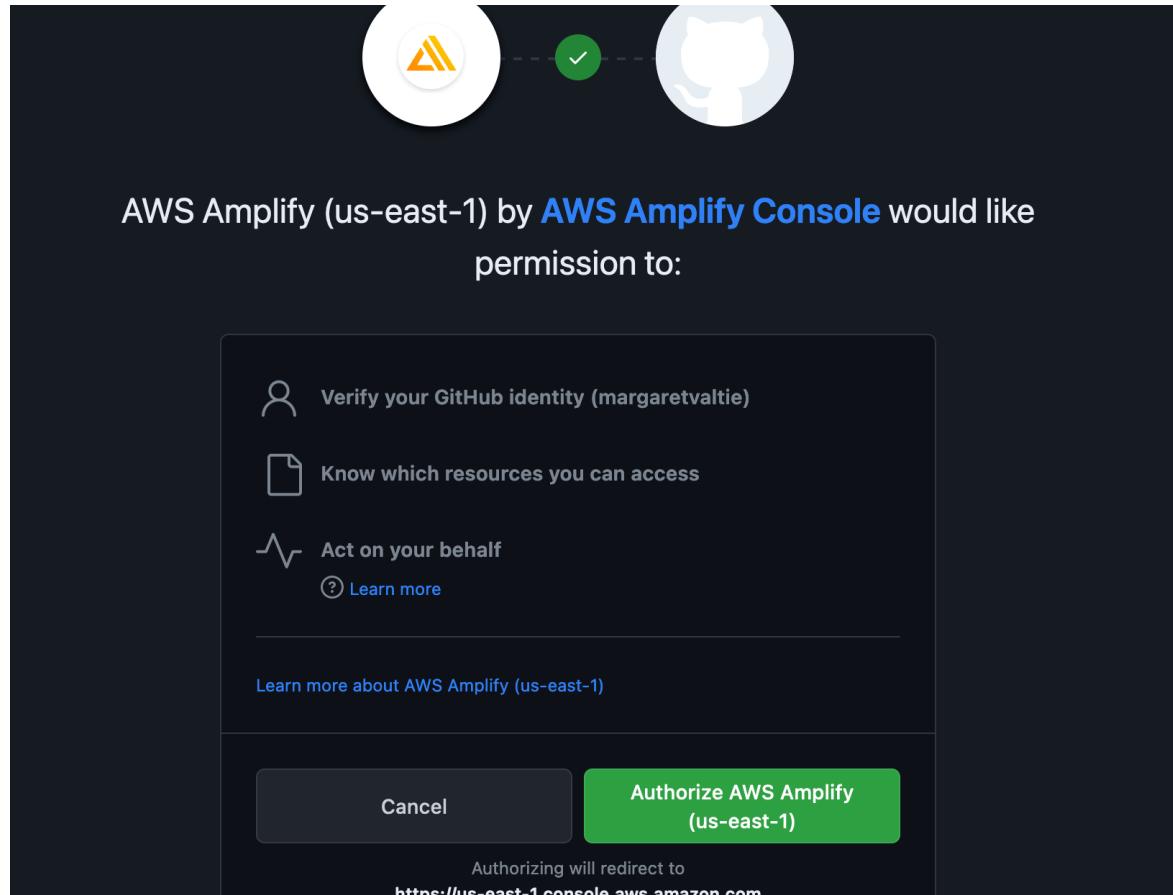
AWS CodeCommit 

Deploy without Git provider 

Amplify Hosting requires read-only access to your repository.

**Continue**

# Verify and choose all repos or just the one



# Choose the branch and deploy

The screenshot shows the AWS Amplify Build settings interface. On the left, a sidebar lists "All apps", "Documentation", and "Support". The main panel is titled "Build settings" and shows "Step 3 Review". A green success message box says "GitHub authorization was successful.". Below it, the "Repository service provider" is set to "GitHub". A list of "Recently updated repositories" includes "changes", "feature", "footer", "main", "meetup", "slack", and "update". A dropdown menu shows "main" selected. A checkbox for "Connecting a monorepo? Pick a folder." is unchecked. At the bottom are "Cancel", "Previous", and "Next" buttons.

The "Next" button is highlighted in orange.

**Bottom navigation bar:**

- CloudShell
- Feedback
- Screenshot
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This screenshot shows the "Continuous deploy set up" for the "main" branch. It features a preview window showing a screenshot of a web browser displaying the AWS logo. Below the screenshot is the URL <https://awschicago.com>. To the right, deployment details are listed: "Last deployment" (10/23/2023, 9:14:23 PM), "Last commit" (Merge pull request #18 from main... | 7a9c133 | GitHub - main), and "Previews" (Disabled). Below these are three circular status icons labeled "Provision", "Build", and "Deploy", each with a green checkmark. At the bottom, there are links for "Documentation" and "Support".

This screenshot shows the "Continuous deploy set up" for the "feature" branch. It displays a preview window with a screenshot of a web browser showing the AWS logo. Below the screenshot is the URL <https://awschicago.com>. To the right, deployment details are listed: "Last deployment" (10/23/2023, 9:14:23 PM), "Last commit" (fixed css | f7fdfa9 | GitHub - feature | 7a9c133 | GitHub - main), and "Previews" (Disabled). Below these are three circular status icons labeled "Provision", "Build", and "Deploy", each with a green checkmark. At the bottom, there are links for "Documentation" and "Support".

# Look, a checklist!

The screenshot shows the AWS Amplify console interface. On the left, a sidebar lists various settings like General, Amplify Studio settings, and Notifications. The main area displays a checklist titled "Learn how to get the most out of Amplify Hosting" with five items completed out of five. The checklist includes steps like "First successful build of your [REDACTED] app" and "Add a custom domain with a free SSL certificate". Below the checklist are tabs for "Hosting environments" and "Backend environments". A note at the bottom says "This tab lists all connected branches, select a branch to view build details." and a "Connect branch" button.

AWS Amplify

All apps

App settings

- General
- Amplify Studio settings
- Domain management
- Build settings
- Previews
- Notifications
- Environment variables
- Access control
- Monitoring
- Rewrites and redirects
- Custom headers

Documentation ↗

Support ↗

Search [Option+S]

All apps > [REDACTED]

The app homepage lists all deployed frontend and backend environments.

Actions ▾

▼ Learn how to get the most out of Amplify Hosting 2 of 5 steps complete X

- First successful build of your [REDACTED] app Nailed it! Your app's first build was successful.
- Add a custom domain with a free SSL certificate You can connect a custom domain purchased through domain registrars (for example, Amazon Route 53, GoDaddy, and Google Domains) to your app.
- Set up a test version of your site by connecting a feature branch Amplify Hosting leverages Git branches to create new deployments every time a developer connects a new branch in their repository.
- Password-protect your site Working on unreleased features? Password protect feature branches that are not ready to be accessed publicly.
- Enable pull request previews Previews offer a way to view changes from pull requests before they are merged to the target branch.
- Create a synthetic canary to proactively monitor your app You can use CloudWatch Synthetics for 24/7 monitoring of broken links, heartbeat checks, and testing different user flows in your app.

Hosting environments Backend environments

This tab lists all connected branches, select a branch to view build details.

Connect branch

# Let's add a domain

The screenshot shows the AWS Amplify console with the 'awschicago' app selected. In the left sidebar, under 'App settings', 'Domain management' is highlighted. On the main page, the 'Custom domain' section for 'awschicago.com' is visible, showing its association with the 'aws Amplify' app and the URL <https://awschicago.com>. A red circle highlights the 'Add domain' button in the top right corner of the main content area.

**Domain management**

Use your own custom domain with free HTTPS to provide a secure, friendly URL for your app. Register your domain on Amazon Route53 for a one-click setup, or connect any domain registered on a 3rd party provider.

**Add domain**

Domain  Configure domain

Subdomains

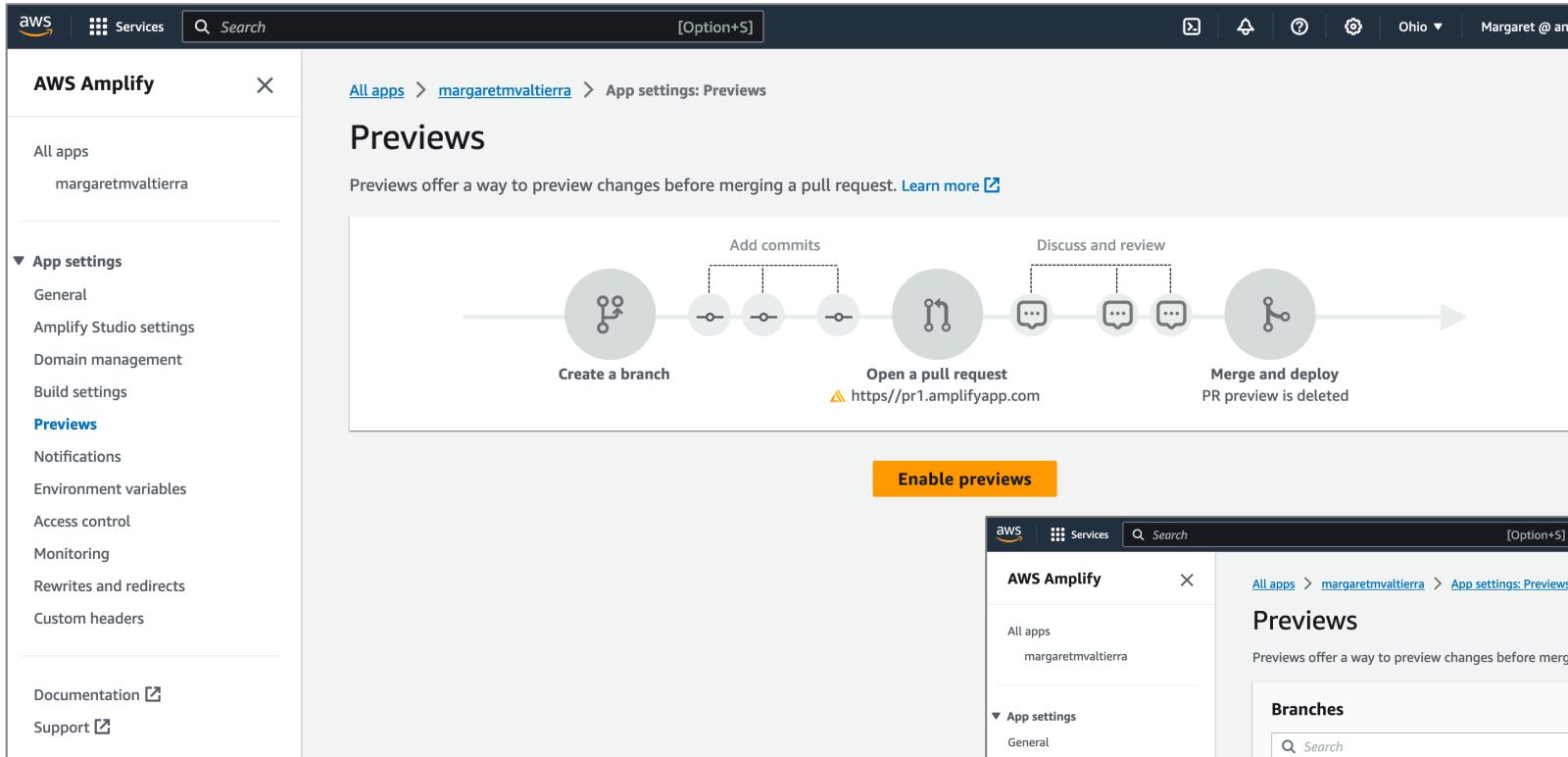
Configure subdomains for your app.

<https://chicagoaws.com>

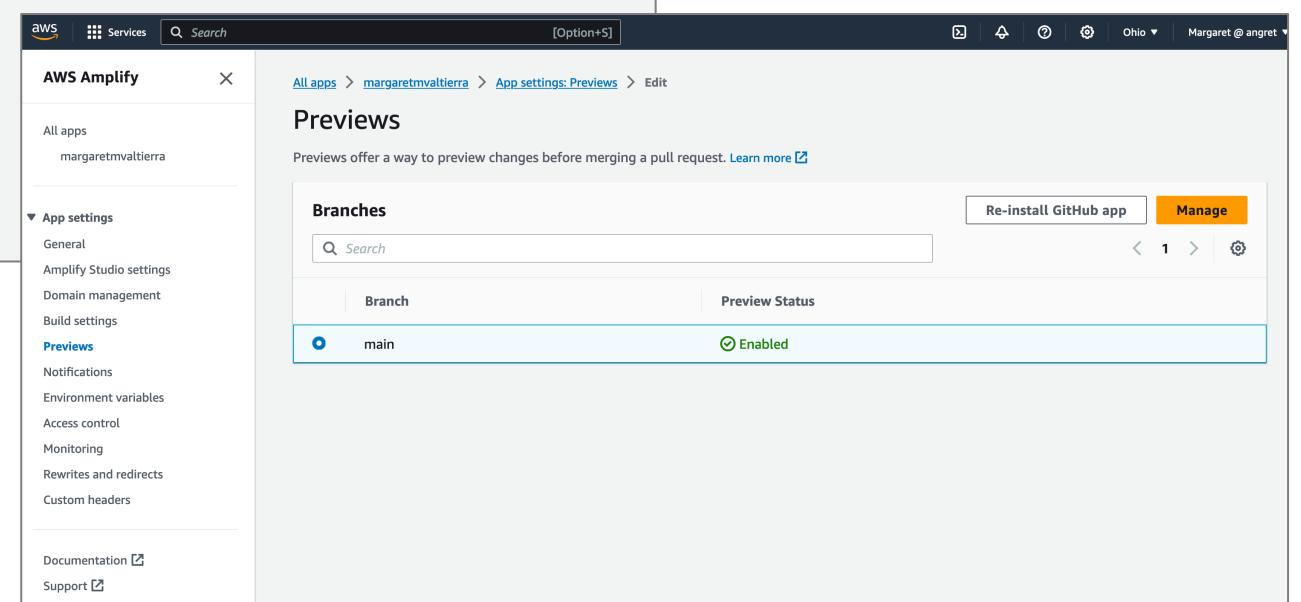
<https://www.chicagoaws.com>

Setup redirect from <https://chicagoaws.com> to <https://www.chicagoaws.com>  
You can edit these settings in the 'Rewrites and redirects' page.

# Preview changes



The screenshot shows the AWS Amplify console for the app 'margaretmvaltierra'. The left sidebar has 'App settings' expanded, with 'Previews' selected. The main area displays a workflow diagram for 'Previews': 'Create a branch' (with a gear icon), 'Add commits' (with a commit history icon), 'Open a pull request' (with a PR icon, linking to https://pr1.amplifyapp.com), 'Discuss and review' (with a comment icon), and 'Merge and deploy' (with a merge icon). Below the diagram is a large orange 'Enable previews' button.



The second screenshot shows the 'Branches' section of the AWS Amplify Previews settings. It lists a single branch named 'main' with a status of 'Enabled'. There are buttons for 'Re-install GitHub app' and 'Manage'.

Branch	Preview Status
main	Enabled

# Monitoring. Done.

The screenshot shows the AWS Amplify Monitoring interface. On the left, a sidebar lists 'All apps' (margaretmvaltierra) and 'App settings' (General, Amplify Studio settings, Domain management, Build settings, Previews, Notifications, Environment variables, Access control, **Monitoring**, Rewrites and redirects, Custom headers). Under 'Documentation' and 'Support', there are links. The main area shows 'Monitoring' with a sub-section 'Alarms (2)'. It lists two alarms: 'oops' (State: Insufficient data, Last state update: 2023-10-23 22:07:19, Conditions: 4xxErrors ≥ 1 for 1 datapoint within 1 minute, View in CloudWatch Metrics) and 'fix it' (State: Insufficient data, Last state update: 2023-10-23 22:07:58, Conditions: 5xxErrors ≥ 3 for 3 datapoints within 3 minutes, View in CloudWatch Metrics). A 'Create alarm' button is visible. A modal window titled 'Create alarm' is open, showing the configuration for a new alarm. The 'Metric' dropdown is set to '5xx errors'. Other options listed are Requests, Bytes downloaded, Bytes uploaded, and 4xx errors. The '5xx errors' option is highlighted. The 'Time to first byte' field is present. An 'Email address' field contains 'yaamargie@gmail.com'. A 'Create alarm' button is at the bottom right of the modal.

Alarm name	State	Last state update	Conditions	More options
oops	Insufficient data	2023-10-23 22:07:19	4xxErrors ≥ 1 for 1 datapoint within 1 minute	<a href="#">View in CloudWatch Metrics</a>
fix it	Insufficient data	2023-10-23 22:07:58	5xxErrors ≥ 3 for 3 datapoints within 3 minutes	<a href="#">View in CloudWatch Metrics</a>

# Demo time

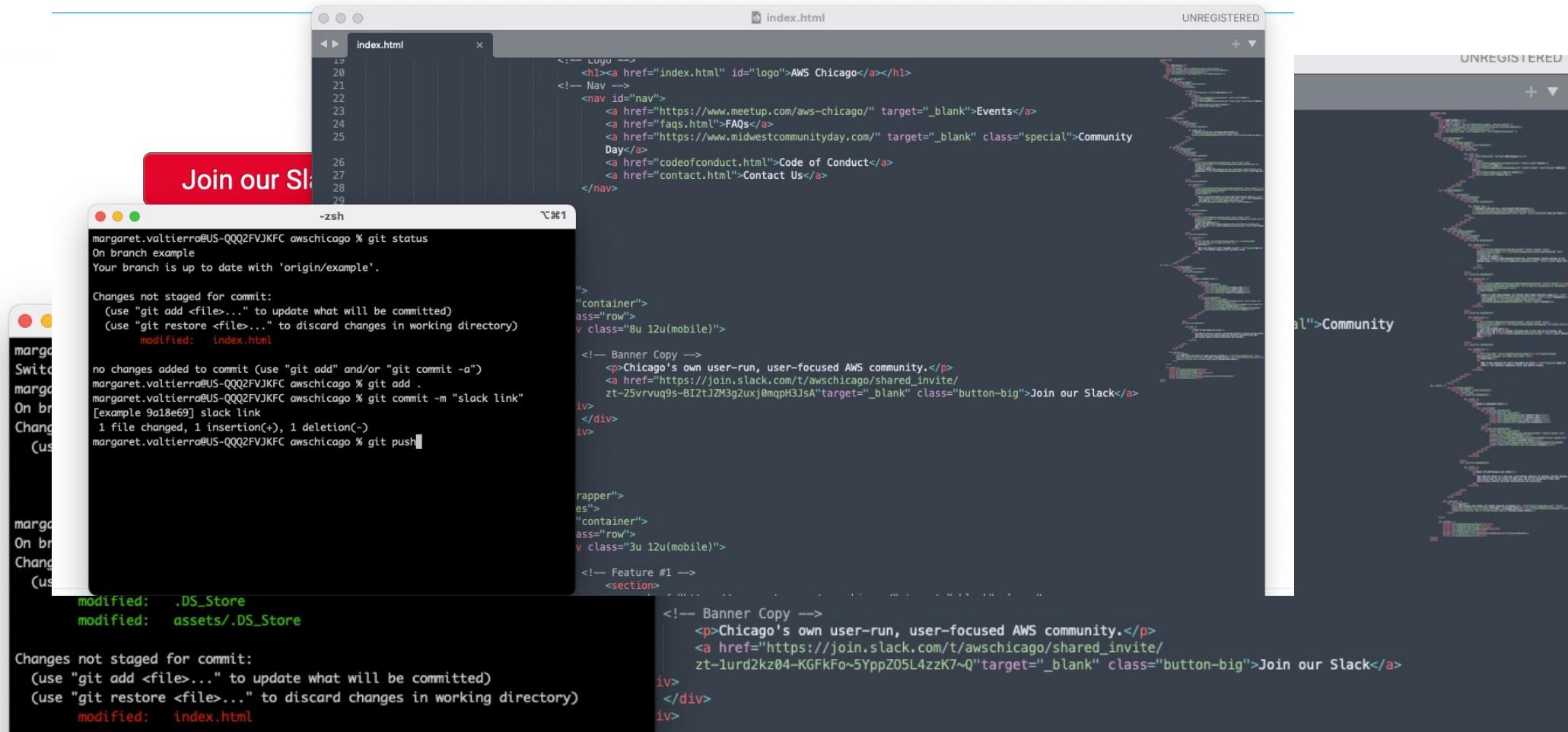
# Let's change things

AWS Chicago FAQs

AWS Midwest Community Day

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Contact Us



# PR process to be official

The screenshot shows a GitHub pull request comparison interface. At the top, the repository name "awschicago" is visible along with a search bar and navigation links for Pull requests, Actions, Projects, Wiki, Security, Insights, and Settings.

**Comparing changes**

Choose two branches to see what's changed or to start a new pull request. If you need to, you can also [compare across forks](#) or [learn more about diff comparisons](#).

base: main ▾ compare: example ▾ ✓ Able to merge. These branches can be automatically merged.

Discuss and review the changes in this comparison with others. [Learn about pull requests](#) Create pull request

-o- 2 commits 3 files changed 1 contributor

-o- Commits on Oct 23, 2023

- tweaked menu**  
margaretvaltie committed 20 minutes ago 2d24304
- slack link**  
margaretvaltie committed 16 minutes ago 9a18e69

Showing 3 changed files with 2 additions and 2 deletions. Split Unified

Binary file not shown.

Binary file not shown.

# PR process to be official

The screenshot illustrates a GitHub pull request process. At the top, the repository 'awschicago' is shown with a search bar. Below it, the navigation bar includes 'Pull requests 1', 'Actions', 'Projects', 'Wiki', 'Security', 'Insights', and 'Settings'. The main content area is titled 'Example #17' with a green 'Open' button. A comment from 'margaretvaltie' says 'fixing the index and slack link'. Below this, three commits are listed: 'tweaked menu' (2d24304), 'slack link' (9a18e69), and 'all the links' (415d938). A note at the bottom says 'Add more commits by pushing to the `example` branch on [margaretvaltie/awschicago](#)'. The 'Checks' section shows 'Some checks haven't completed yet' (1 in progress check) and 'AWS Amplify Console Web Preview' (In progress — This check has started...). The 'Branch' section indicates 'This branch has no conflicts with the base branch' and 'Merging can be performed automatically.' On the right, a bot comment from 'aws-amplify-us-east-2' states 'This pull request is automatically being deployed by Amplify Hosting ([learn more](#)). Access this pull request here: <https://pr-17.dmdza15e0k90n.amplifyapp.com>'. Finally, a purple message box says 'Pull request successfully merged and closed' with a 'Delete branch' button.

# Preview changes

The screenshot shows the AWS Amplify console interface. The top navigation bar includes the AWS logo, Services, a search bar, and user Margaret @ angret. The left sidebar has a tree view with 'awschicago' selected under 'All apps'. Under 'App settings', 'Previews' is selected. The main content area is titled 'Previews' and contains a diagram illustrating the workflow: 'Create a branch' (with a gear icon), 'Add commits' (with a dashed line icon), 'Open a pull request' (with a pull request icon and URL https://pr1.amplifyapp.com), 'Discuss and review' (with a speech bubble icon), and 'Merge and deploy' (with a gear icon). Below this is a 'Pull requests' table with one item:

Name	Last modified	Preview URL	Status	Branch
pr-19	10/23/2023, 10:16:59 PM	<a href="https://pr-19.dmdza15e0k90n.amplifyapp.com">https://pr-19.dmdza15e0k90n.amplifyapp.com</a>	<span>Success</span>	main

# Preview changes

## AWS Chicago

Events

FAQs

Community Day

Code of Conduct

Contact Us

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### About the Group

Chicago's premiere AWS community! User-run, user-focused, monthly meetups in the Chicago area. [Join us!](#)

### Past Events

Thanks to user group members for sharing their work! View all slides on [Slideshare](#) and videos on [YouTube](#).

### Join Fellow AWS Users

Meet other AWS users in Chicago virtually and in real life at our events. See what's up next on [Meetup page](#).

### Learn More

Want to get involved but don't know where to start? [Read our FAQs](#) for sponsors, speakers, hosts, and general events.

# Did it work?

The screenshot shows an email from AWS Amplify. The subject is "Re: [margaretvaltie/awschicago] Example (PR #17)". The message body includes a link to the pull request: "Access this pull request here: <https://pr-17.dmdza15e0k90n.amplifyapp.com>". It also contains links to the AWS Chicago website, Meetup, FAQs, and Community Day, along with navigation links for code of conduct and contact information.

```
<a href="https://www.meetup.com/aws-chicago/" target="_blank">Events</a>
<a href="https://www.midwestcommunityday.com/" target="_blank" class="special">Community Day</a>
<a href="codeofconduct.html">Code of Conduct</a>
<a href="contact.html">Contact Us</a>
```

# Review changes

AWS Chicago Events FAQs Community Day Code of Conduct Contact Us

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**Join Fellow AWS**  
Meet other AWS users virtually and in real life events. See what's up [Meetup page](#).

**See what AWS Chicago is up to**  
Slack is a messaging app that brings your whole team together.

Margaret Valtierra already joined

We suggest using the email account you use for work.

Email

Full name

[Continue With Email](#)

By continuing, you're agreeing to our [User Terms of Service](#). Additional disclosures are available in our [Privacy Policy](#) and [Cookie Policy](#).

# What's next

All apps

**awschicago**

▼ App settings

- General
- Amplify Studio settings
- Domain management
- Build settings
- Previews
- Notifications
- Environment variables
- Access control
- Monitoring
- Rewrites and redirects
- Custom headers

Documentation ▾

Support ▾

awschicago

The app homepage lists all deployed frontend and backend environments.

Actions ▾

▼ Learn how to get the most out of Amplify Hosting

4 of 5 steps complete X

- First successful build of your awschicago app  
Nailed it! Your app's first build was successful.
- Add a custom domain with a free SSL certificate  
You can connect a custom domain purchased through domain registrars (for example, Amazon Route 53, GoDaddy, and Google Domains) to your app.
- Set up a test version of your site by connecting a feature branch  
Amplify Hosting leverages Git branches to create new deployments every time a developer connects a new branch in their repository.
- Password-protect your site  
Working on unreleased features? Password protect feature branches that are not ready to be accessed publicly.
- Enable pull request previews  
Previews offer a way to view changes from pull requests before they are merged to the target branch.
- Create a synthetic canary to proactively monitor your app  
You can use CloudWatch Synthetics for 24/7 monitoring of broken links, heartbeat checks, and testing different user flows in your app.

Hosting environments Backend environments

This tab lists all connected branches, select a branch to view build details.

Connect branch

# Yes, but

The image is a composite of several elements. At the top left is a screenshot of the AWS Amplify console interface, showing the 'awschicago' app settings. A large white rocket ship is positioned in the center, angled upwards. To the right of the rocket is the orange AWS Amplify logo. Below these elements is a large, bold text overlay that reads 'Amplify your app!'. At the bottom right is a small vertical sidebar with the word 'Studio' at the top, followed by several bullet points: 'Visual backend builder - works with Amplify CLI', 'Build a well-architected app backend using our visual backend builder. All backend definitions are deployed following infrastructure-as-code best practices.', and 'Key capabilities'.

AWS Amplify

All apps awschicago

App settings

General

Amplify Studio settings

Domain management

Build settings

Previews

Notifications

Environment variables

Access control

Monitoring

Rewrites and redirects

Custom headers

Documentation

Support

All apps > awschicago > App settings: Amplify Studio settings

Enable Amplify Studio. Off

Amplify Dev Center Docs

Getting Started

About AWS Amplify

Studio

- Visual backend builder - works with Amplify CLI
- Build a well-architected app backend using our visual backend builder. All backend definitions are deployed following infrastructure-as-code best practices.
- Key capabilities

Amplify your app!

## What's next?

- More accessibility
- Carbon impact
- News / updates
- Better forms
- Join us!





Don't forget to  
rate this session  
in the GOTO Guide app



Drinking my own champaign; hosting the AWS user group website on AWS Amplify  
Margaret Valtierra

goto;



**DOWNLOAD THE APP  
CREATE YOUR SCHEDULE  
ASK QUESTIONS  
RATE SESSIONS**



Drinking my own champagne; hosting the AWS user group website on AWS Amplify  
Margaret Valtierra

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