CREATE THE AWS COMPONENTS

Initialize Amplify

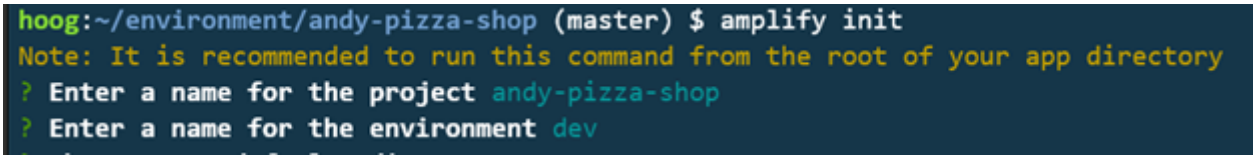
In this step, we will begin adding AWS Components using the Amplify framework. To start, let's initialize amplify in our project directory.

```
# Change to the React project directory
cd ~/environment/andy-pizza-shop
# Initialize the project configuration for Amplify
amplify init
```

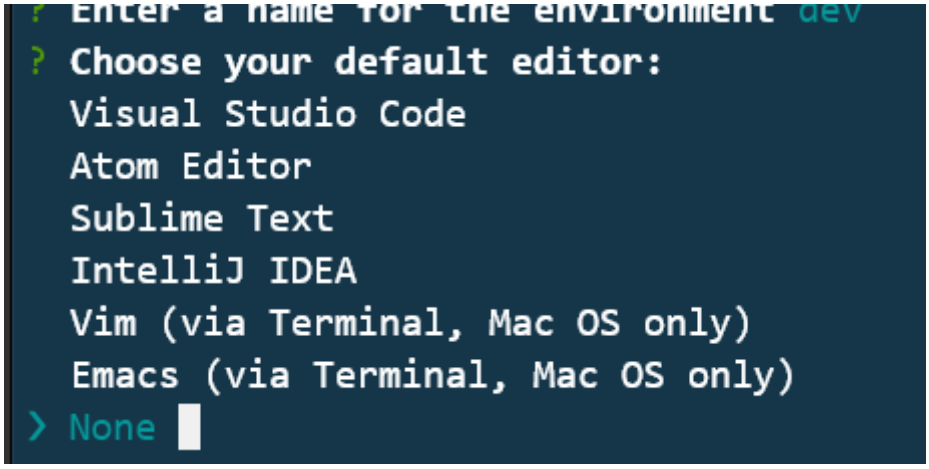
Note

Amplify is an opinionated framework. To make relevant and automated decisions, the Amplify CLI will ask you a series of questions.

For the name of the project, you can use the default name. For the environment name, enter `dev`.



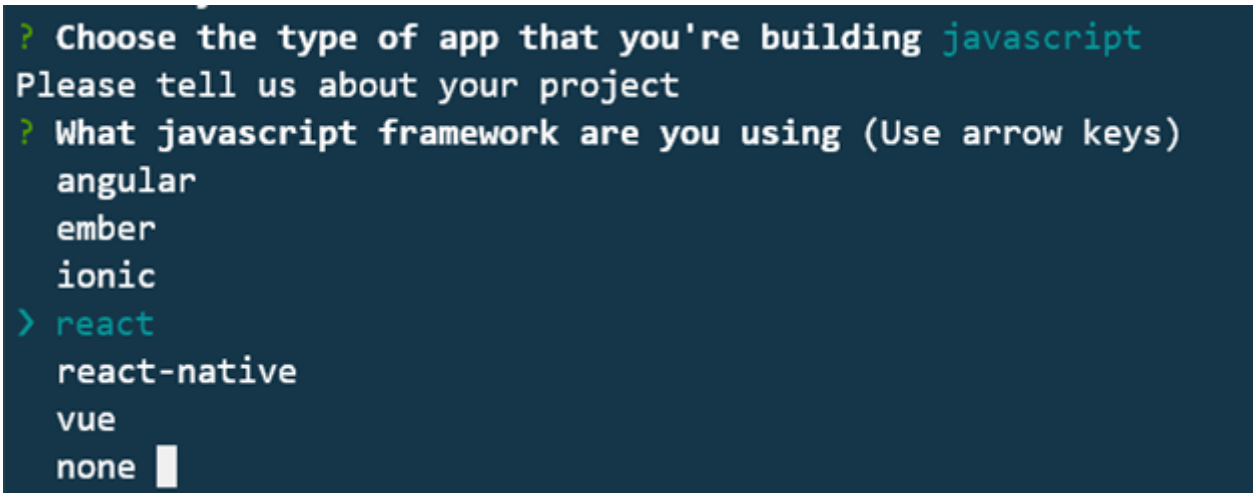
For the default editor, you can choose 'None'.



For type of app, choose **javascript**. For the javascript framework, choose **react**

Note

Amplify attempts to identify the application and programming frameworks that you are using. Typcially this means that the correct values are already selected. NOTE: If you make a mistake during the Q/A portion, you can use CTRL-C to safely start over.



For the rest of the questions, you can select the default options. This includes selecting **Y** when asked if you want to use an AWS profile, and then select **default** for the profile name.

```
Using default provider  awscloudformation

For more information on AWS Profiles, see:
https://docs.aws.amazon.com/cli/latest/userguide/cli-multiple-profiles.html

? Do you want to use an AWS profile? Yes
? Please choose the profile you want to use (Use arrow keys)
❯ default
```

Once you have made all the selections, Amplify wil begin initialzing your project in AWS. Once completed, you will receive a success message.

```
CREATE_COMPLETE DeploymentBucket                AWS::S3::Bucket           Sun Oct 27 2019 02:30:26
ted Universal Time)
CREATE_COMPLETE amplify-andy-pizza-shop-dev-22959 AWS::CloudFormation::Stack Sun Oct 27 2019 02:30:28
ted Universal Time)
✓ Successfully created initial AWS cloud resources for deployments.
✓ Initialized provider successfully.
Initialized your environment successfully.

Your project has been successfully initialized and connected to the cloud!

Some next steps:
"amplify status" will show you what you've added already and if it's locally configured or deployed
"amplify <category> add" will allow you to add features like user login or a backend API
"amplify push" will build all your local backend resources and provision it in the cloud
"amplify publish" will build all your local backend and frontend resources (if you have hosting categ
ision it in the cloud

Pro tip:
Try "amplify add api" to create a backend API and then "amplify publish" to deploy everything

hoog:~/environment/andy-pizza-shop (master) $
```

Note

If you are wondering what is happening here, the amplify CLI is creating and executing CloudFormation templates. It also creates an S3 bucket to store configuration information about your this Amplify project in your AWS account.

Now that amplify is initialized, you can move on to adding additional components.