Christina: {

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Michael: {

Thanks Christina. Let’s take a moment to talk about what Amplify actually is: Amplify is an open-source toolset which is designed to make it easier to set up backend applications through Amazon Web Services. It provides the user with a command line interface which can be used to to provision backend services, such as the Authentication service we’ll be showing you, view project status, mock testing environments and more. Keeping with the theme of accessibility and user friendliness, some components also have pre-built UI components, so you can focus on implementing other parts of your application rather than having to write login and other UI components from scratch.

Let’s take a deeper look at the command line interface and see what it offers us. First let’s look at some of the common commands, amplify init takes us through the setup process for a project, you can see it asks for information about your IDE, and the type of app which is javascript here. Other options include iOS and Android and Amplify does the setup for each accordingly. Amplify add is how you add backend services for your application, the one we’ll be showcasing in our demo is Authentication, which communicates with Cognito to put user information into a user pool, but you can see the setup process for a RESTful API service here, and there’s other categories as well. Amplify pull you can think of similarly to a git pull, where you have multiple people working on the project and one person might change what services are provisioned. Then everyone else working on that project is gonna have to pull those updates before making other changes. Amplify mock is a useful command for mocking storage and GraphQL API resources, although REST APIs aren’t supported yet.

As for categories, authentication is what we’re showing you today, but there’s also the API categories I’ve briefly mentioned, the storage category which has built-in support for Amazon S3, and half a dozen more categories.

And before I pass it off to Sarah to talk about Amazon’s Simple Email Service, Simple Notification Service and Simple Queue Service, I just want to talk about Amplify’s pre-built UI components real quick. These are designed for quick implementation, but as you’ll see they’re not necessary. There’s UI components for multiple frameworks, including React, Angular and Vue, although I’ve only worked with React. In the Auth category, here’s a few examples of the SignUp component, the SignIn component, and the ForgotPassword component. There’s some pre-built components for other categories as well but a lot of what I’ve seen has been focused in the authentication category. Hopefully that helped clarify somewhat what Amplify is, but now Sarah is going to talk more about some other services utilized in the authentication process.

Sarah: {

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Travis: {

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