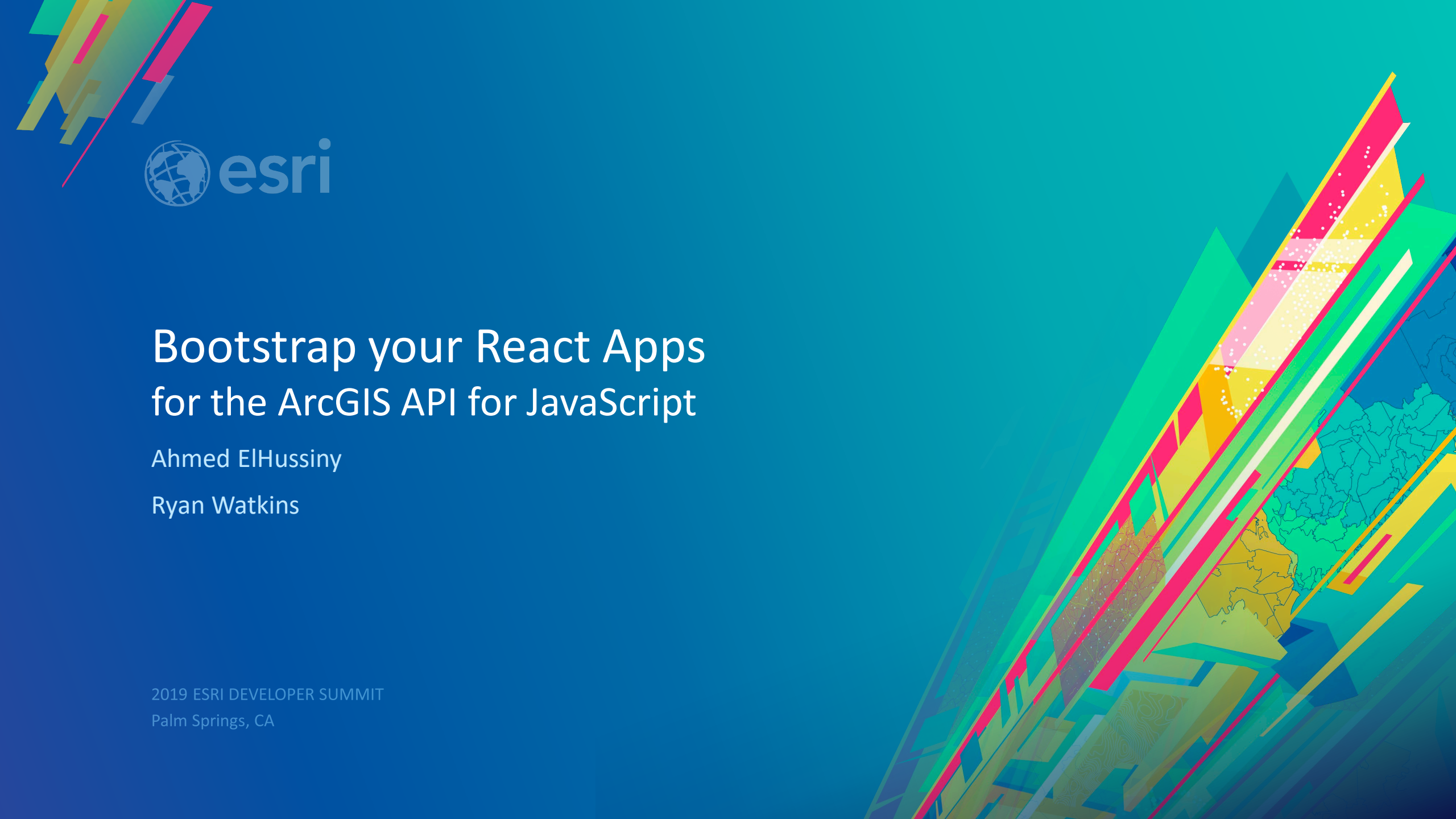


Bootstrap your React Apps
for the ArcGIS API for JavaScript

Ahmed ElHussiny

Ryan Watkins

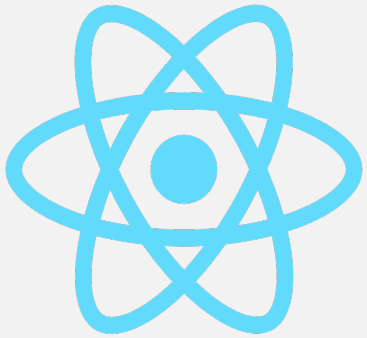
2019 ESRI DEVELOPER SUMMIT
Palm Springs, CA

Agenda

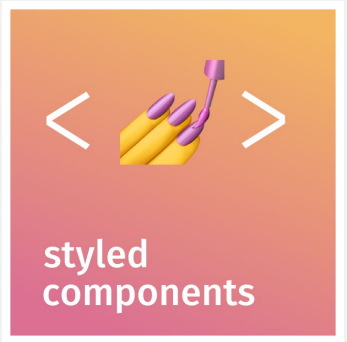
- React & Co.
- Project Showcase
- Our React Bootstrap App
- Q & A

Library Overview

Standard



Optional

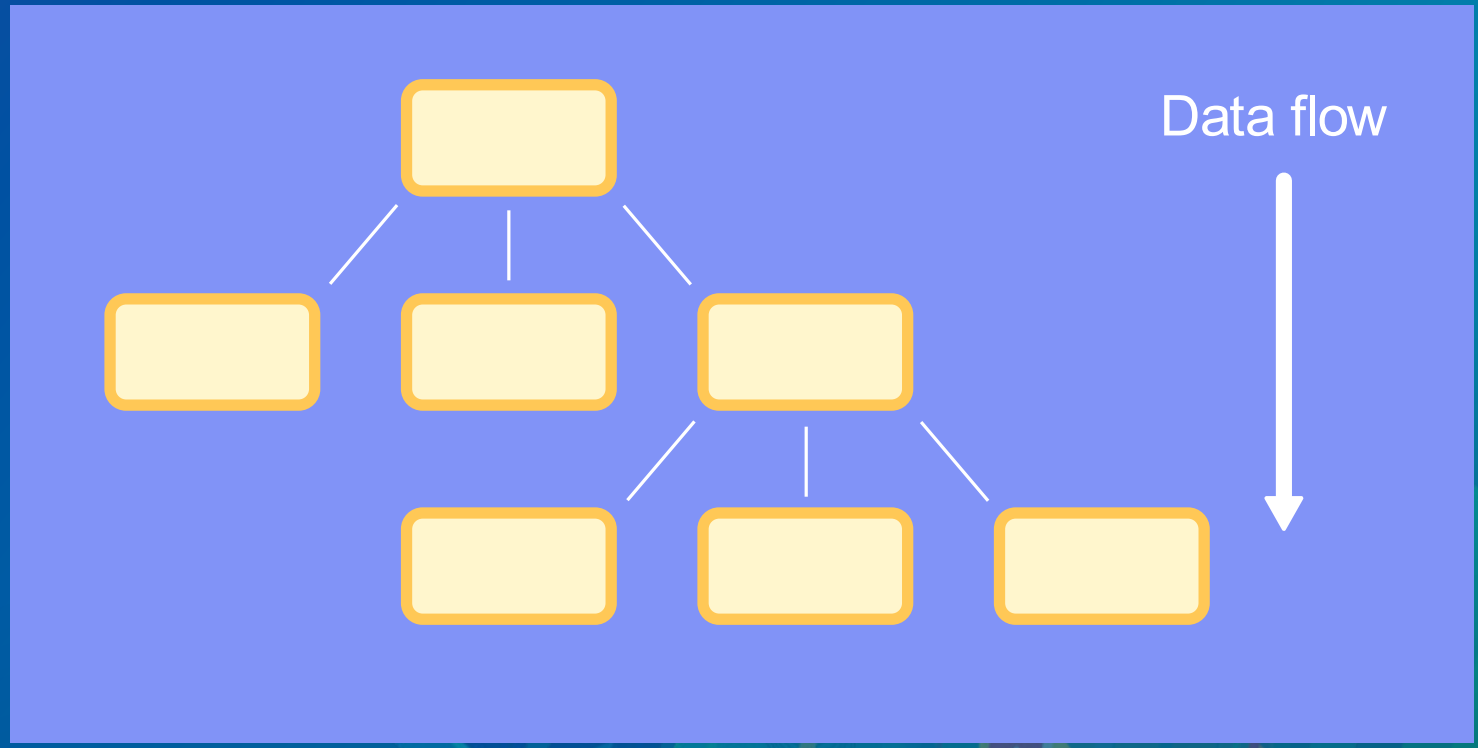


Calcite

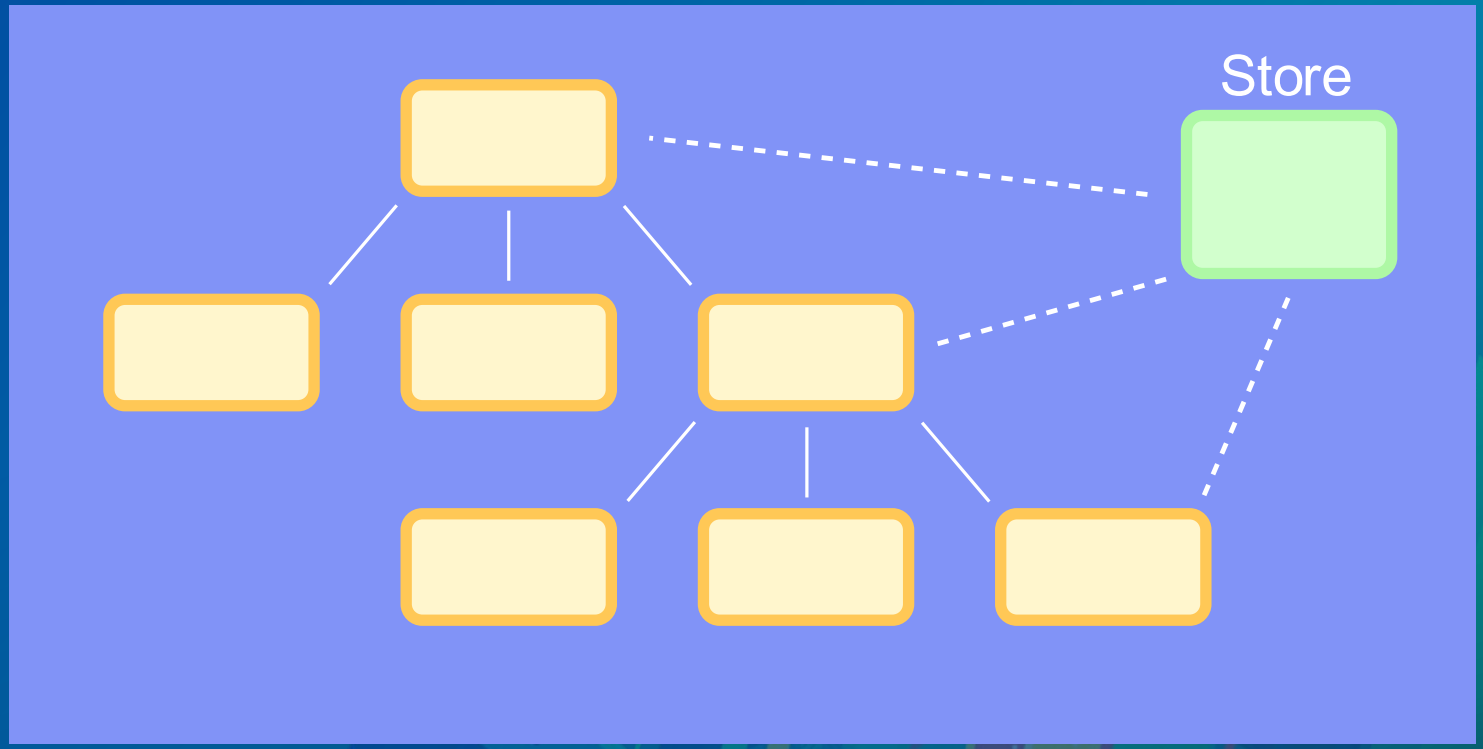
reactjs.org

facebook.github.io/create-react-app/

State Management



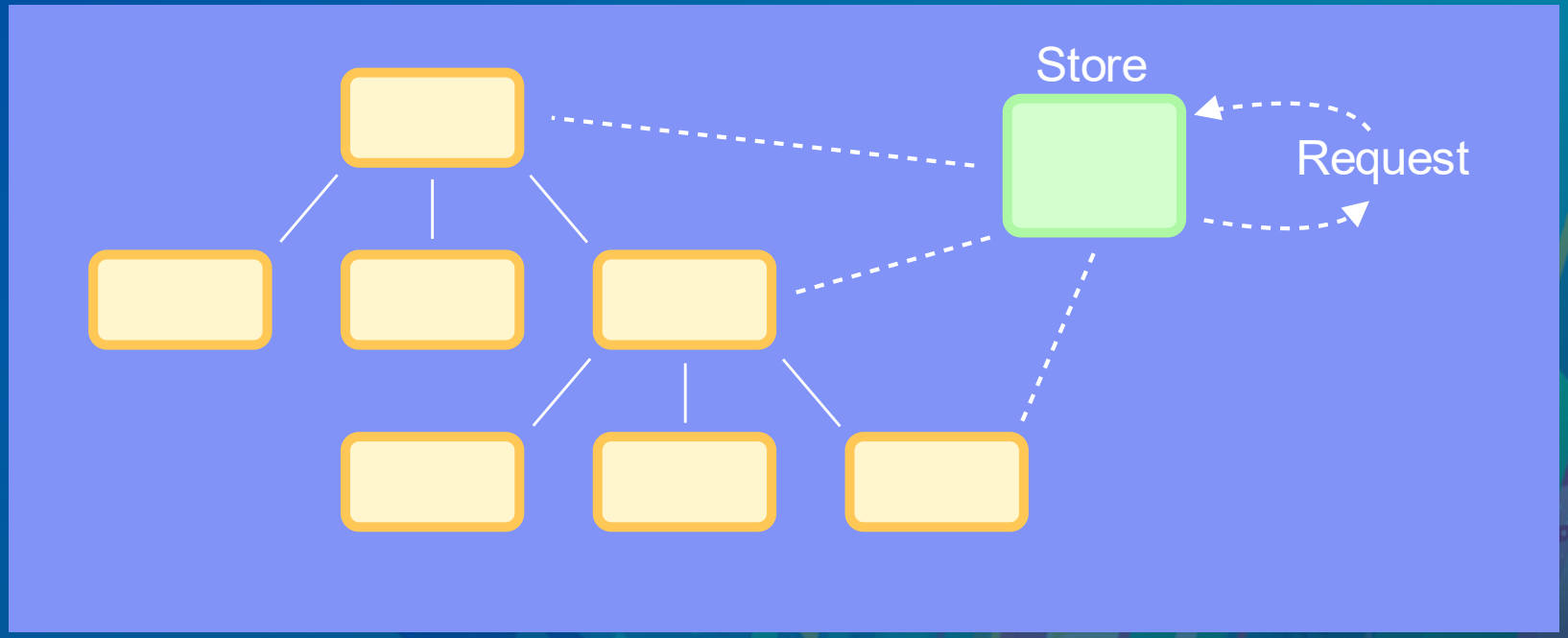
redux.js.org



Side-Effects

Redux-Saga

github.com/redux-saga/redux-saga

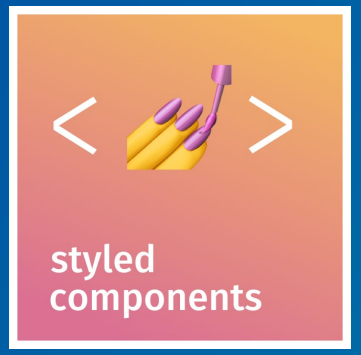


A tiny library to help load modules from either the 4.x or 3.x versions of the ArcGIS API for JavaScript in non-Dojo applications

esri-loader

github.com/Esri/esri-loader

Optional



styled-components.com

Calcite React

https://github.com/Esri/calcite-react

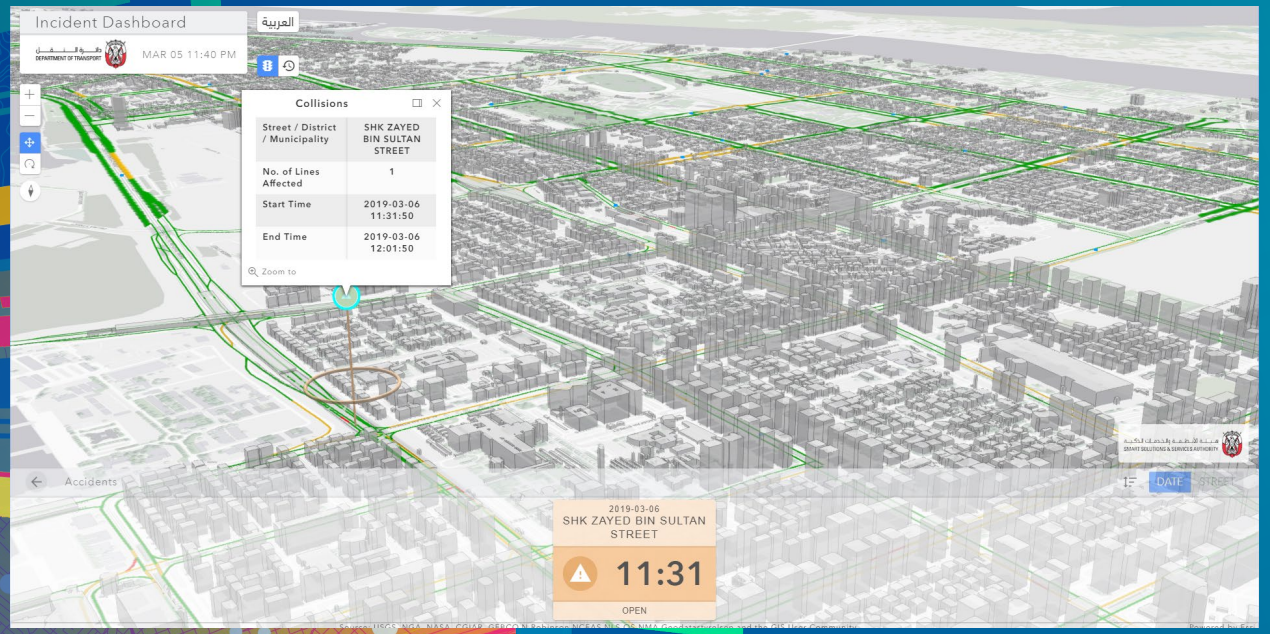
calcite-react.netlify.com

Marine Water Quality

Abu Dhabi Environmental Agency

AUC Map

American University in Cairo

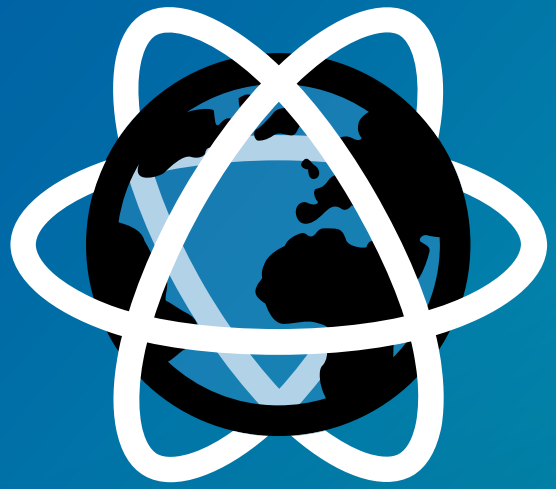


Incident Dashboard

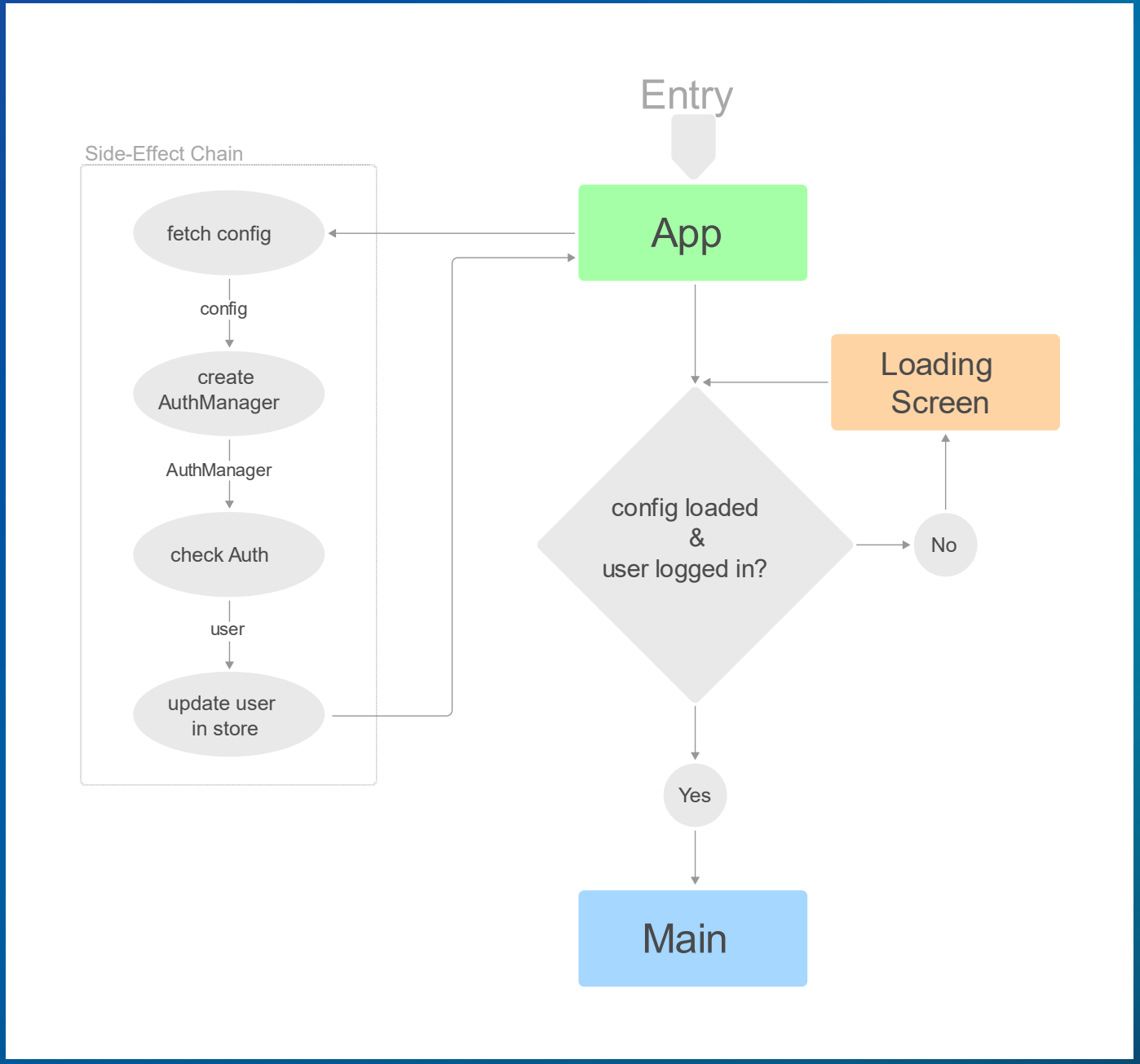
Abu Dhabi Department of Transportation

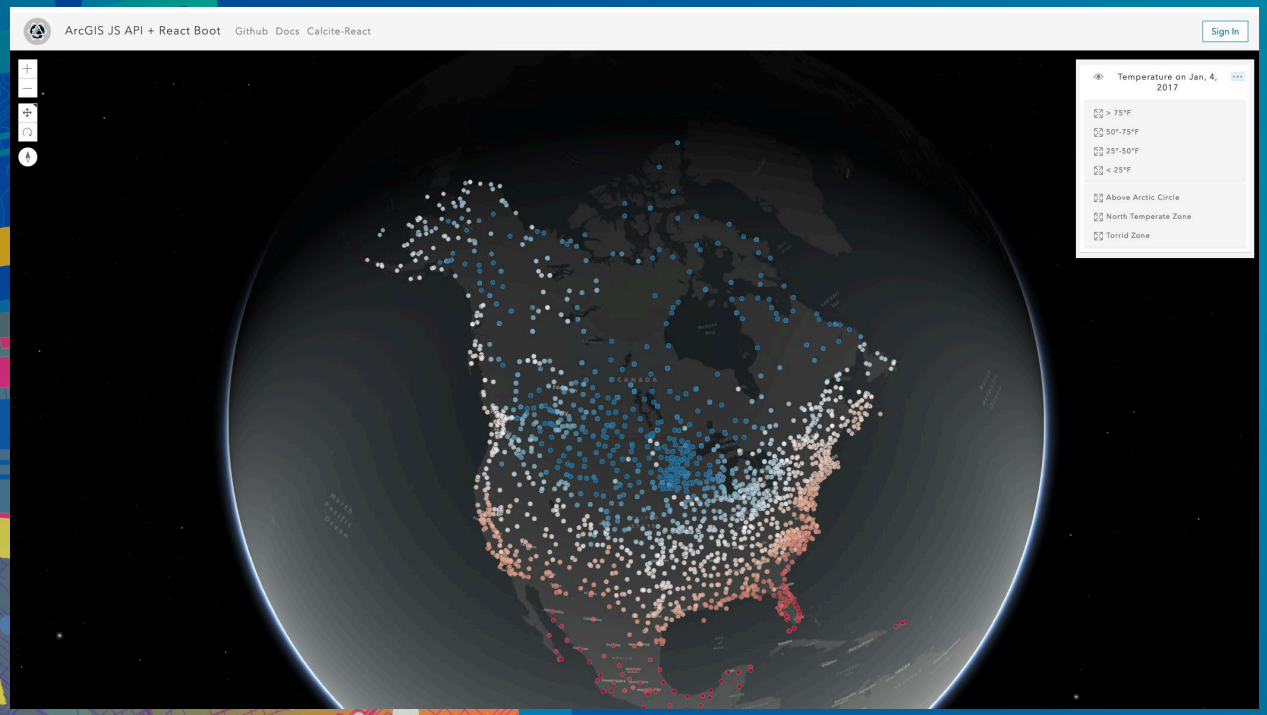
Esri – React – Boot

- Create-React-App
- Configuration
- Authentication
- Map and Scene Components



github.com/Esri/esri-react-boot


Entry
Side-Effect Chain
fetch config
config
create AuthManager
AuthManager
check Auth
user
update user in store
App
Loading Screen
config loaded & user logged in?
No
Yes
Main



Esri-React-Boot

Esri Professional Services

Questions?

github.com/Esri/esri-react-boot

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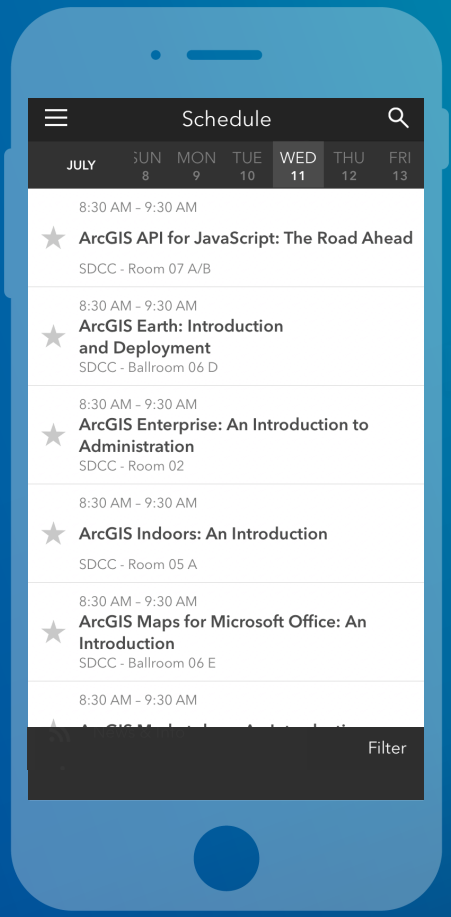
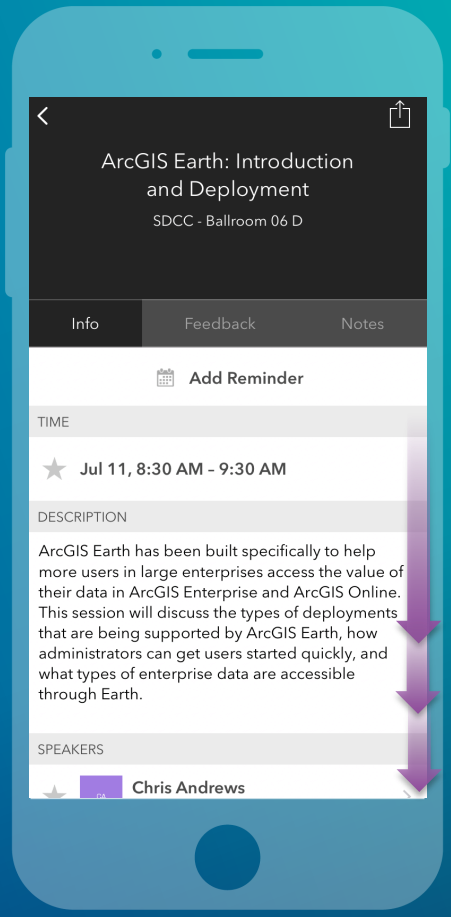
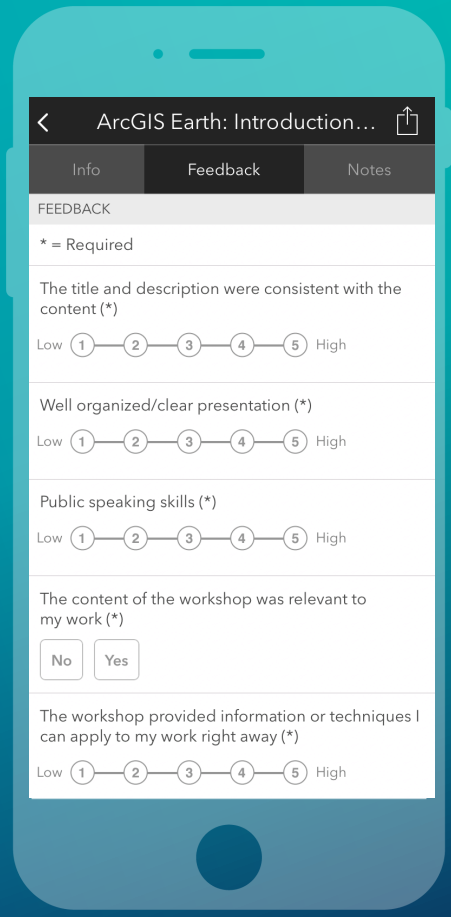


Scroll down to find the feedback section



Complete answers and select “Submit”