

Using React Context to Share State Data Between Components



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React Context main benefit is
it allows for sharing of data
between components without
passing props

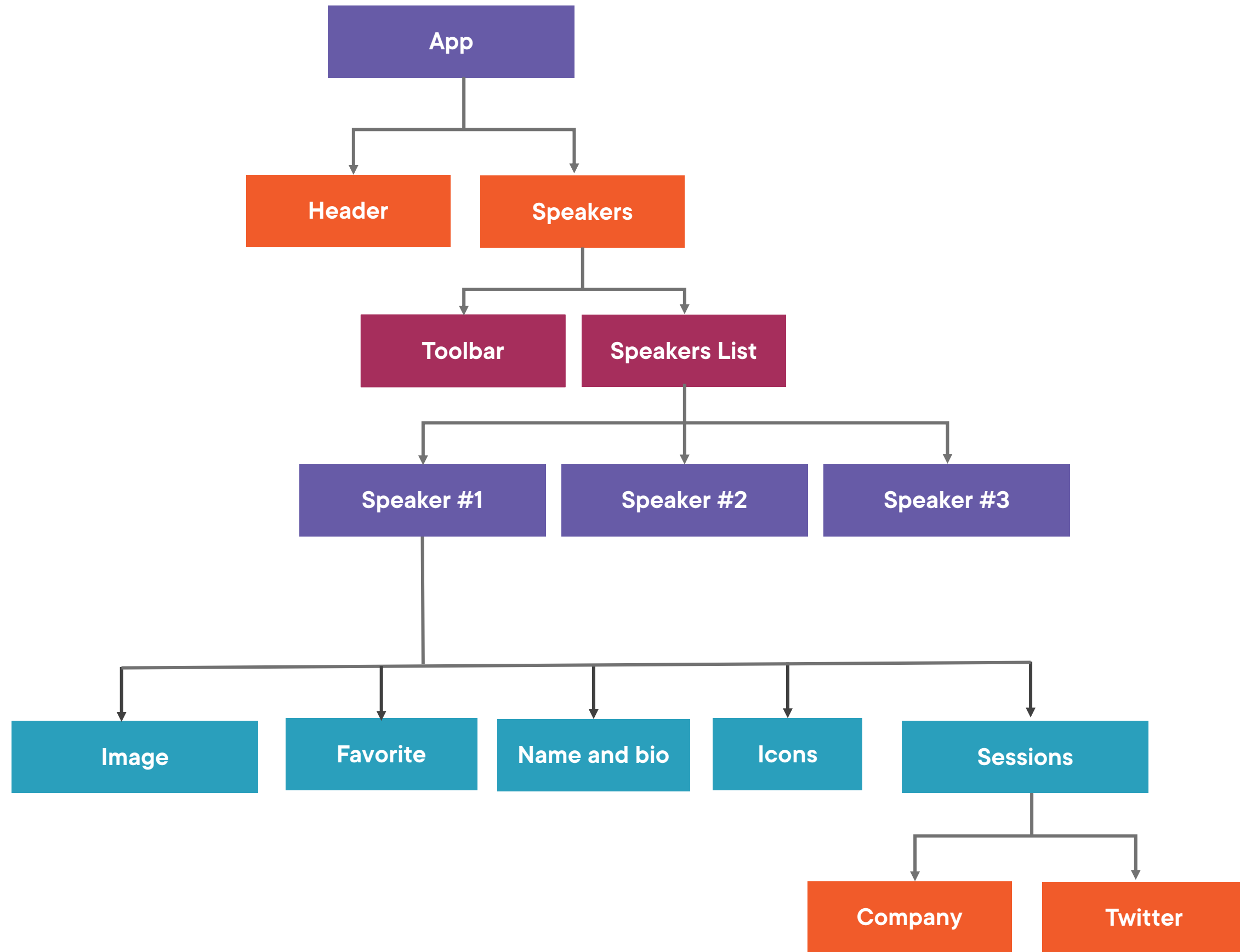


React Context acts like global data you can share from any level of your component hierarchy




React Contexts can overlap in
a component hierarchy





Header



Silicon Valley Code Camp

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Speakers

Toolbar

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2018

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Speakers List



Arun Gupta

Arun Gupta is a Principal Open Source Technologist at Amazon Web Services.
Amazon arungupta


Java developer's journey in Kubernetes land
Room: Fireside C



Chris Richardson

Founder of Eventuate, Author of POJOs in Action, creator of the original Cloud Foundry Eventuate, Inc crichardson

Developing Asynchronous, Message-Driven Microservices **Room: Round Table**



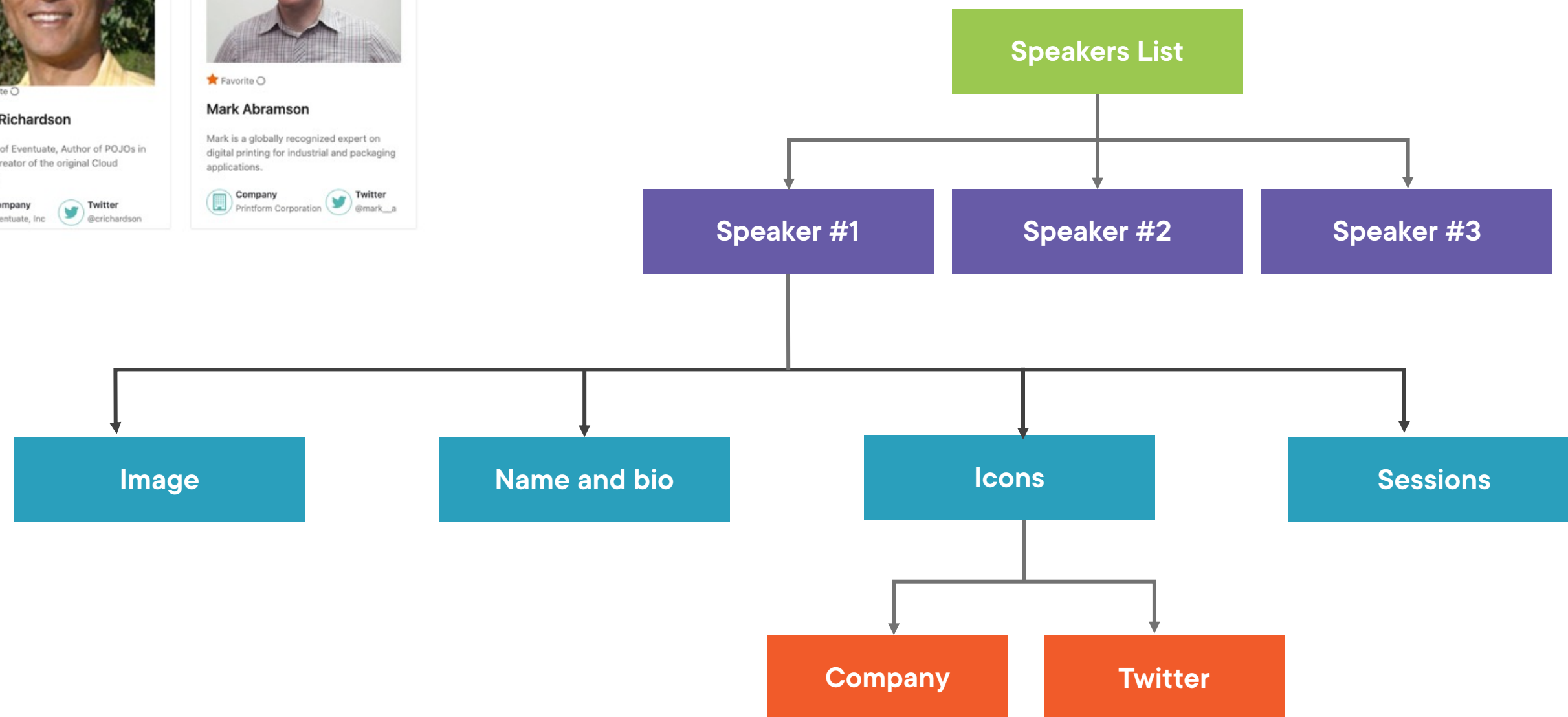
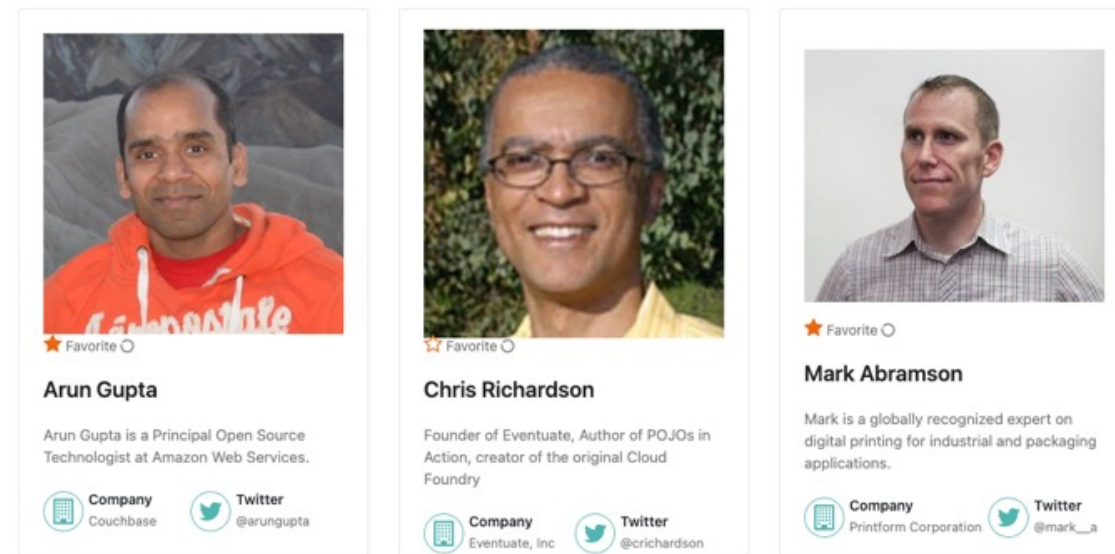
Douglas Crockford

Douglas Crockford discovered the JSON Data Interchange Format. He is also the author of _JavaScript: The Good Parts_. He has been called a guru, but he is actually more of a mahatma. PayPal notatweeter

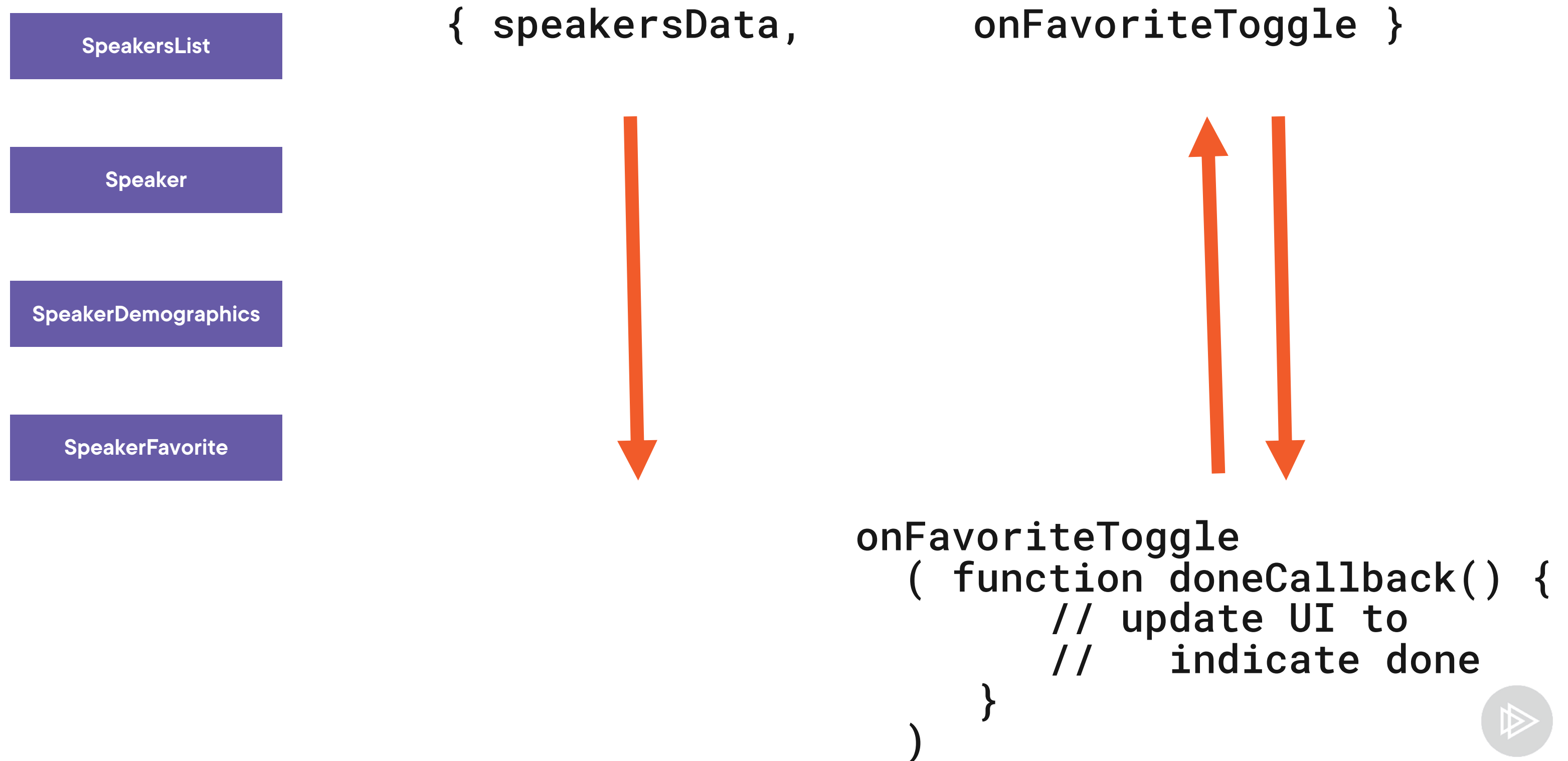
How JavaScript Works **Room: Town Square A**



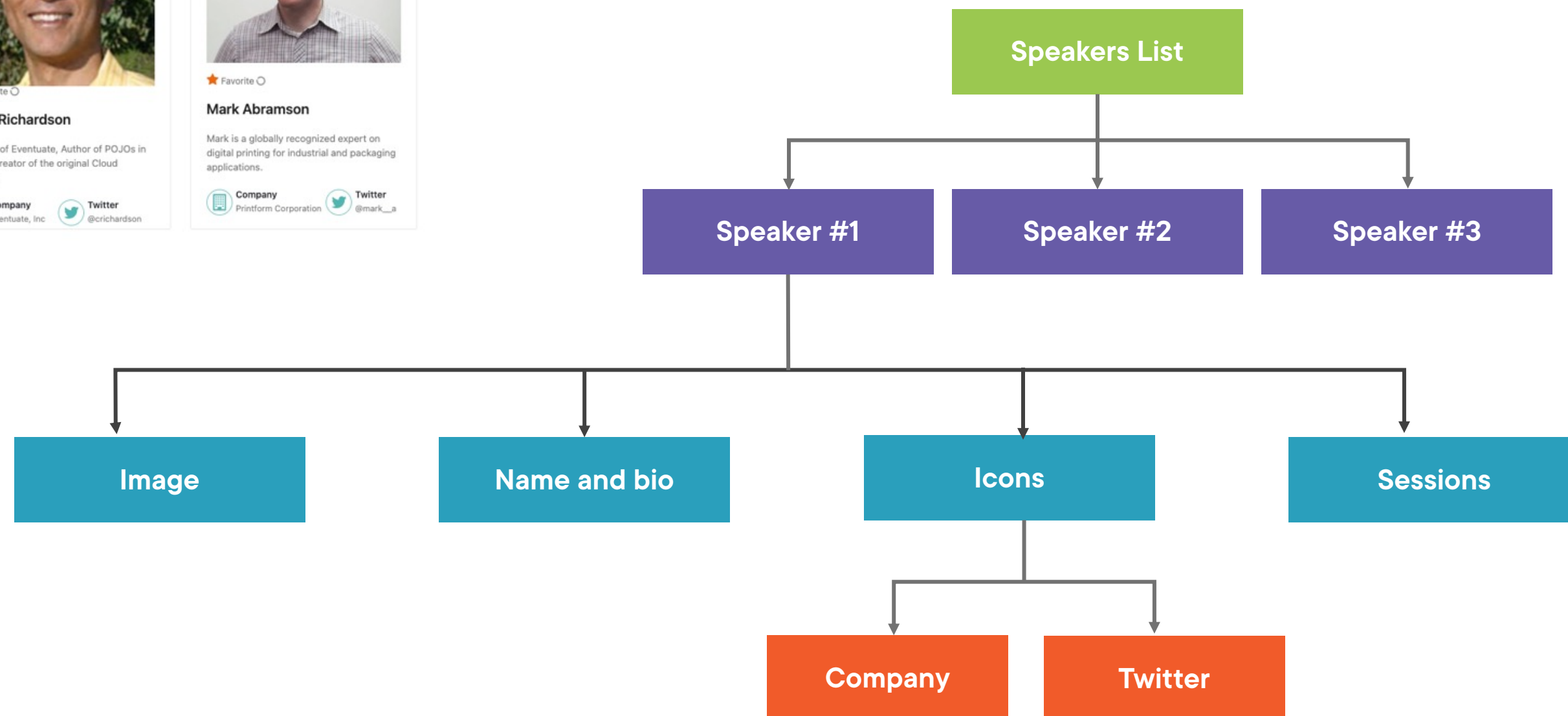
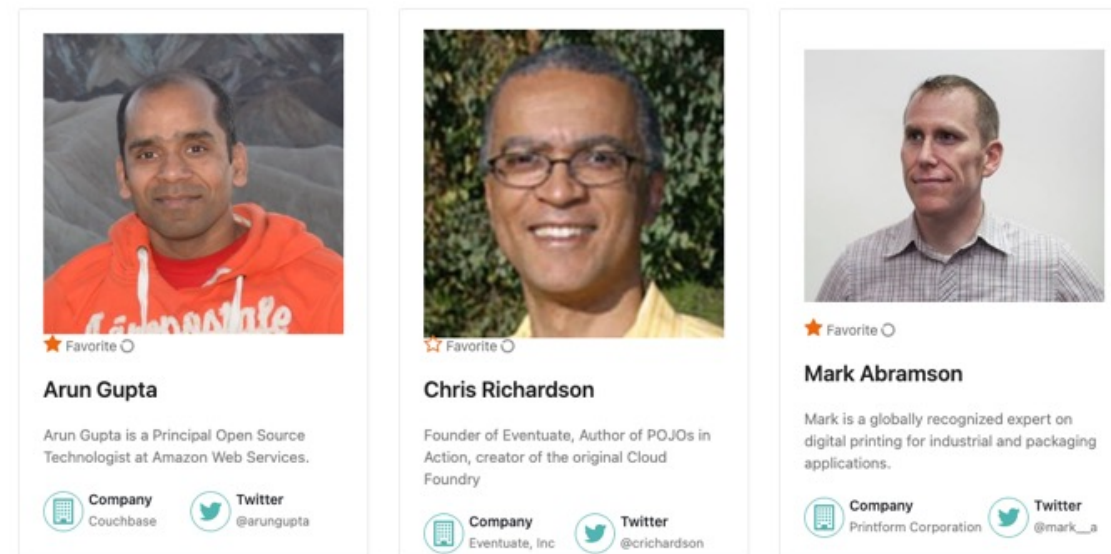
Component Hierarchy From Speakers List Down



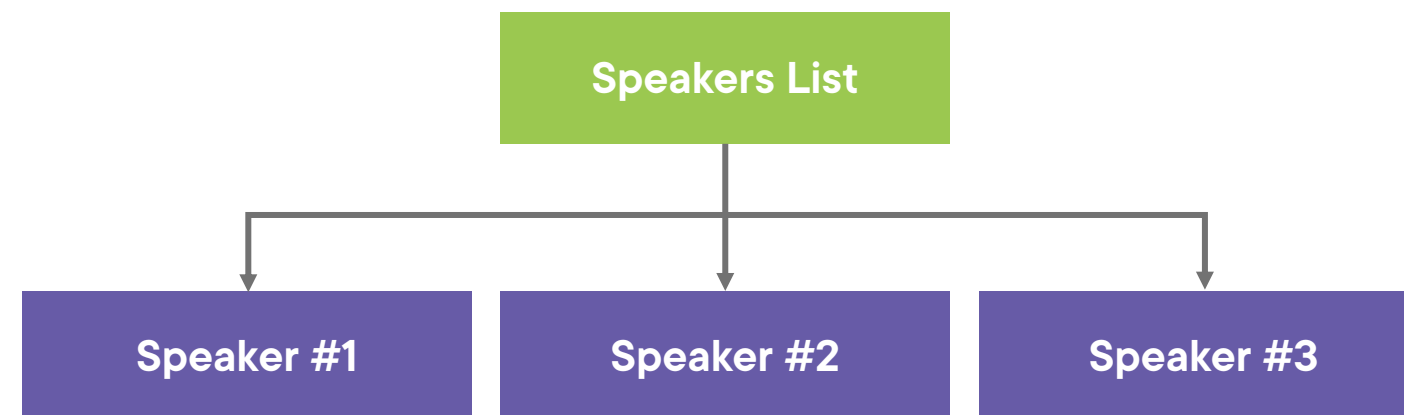
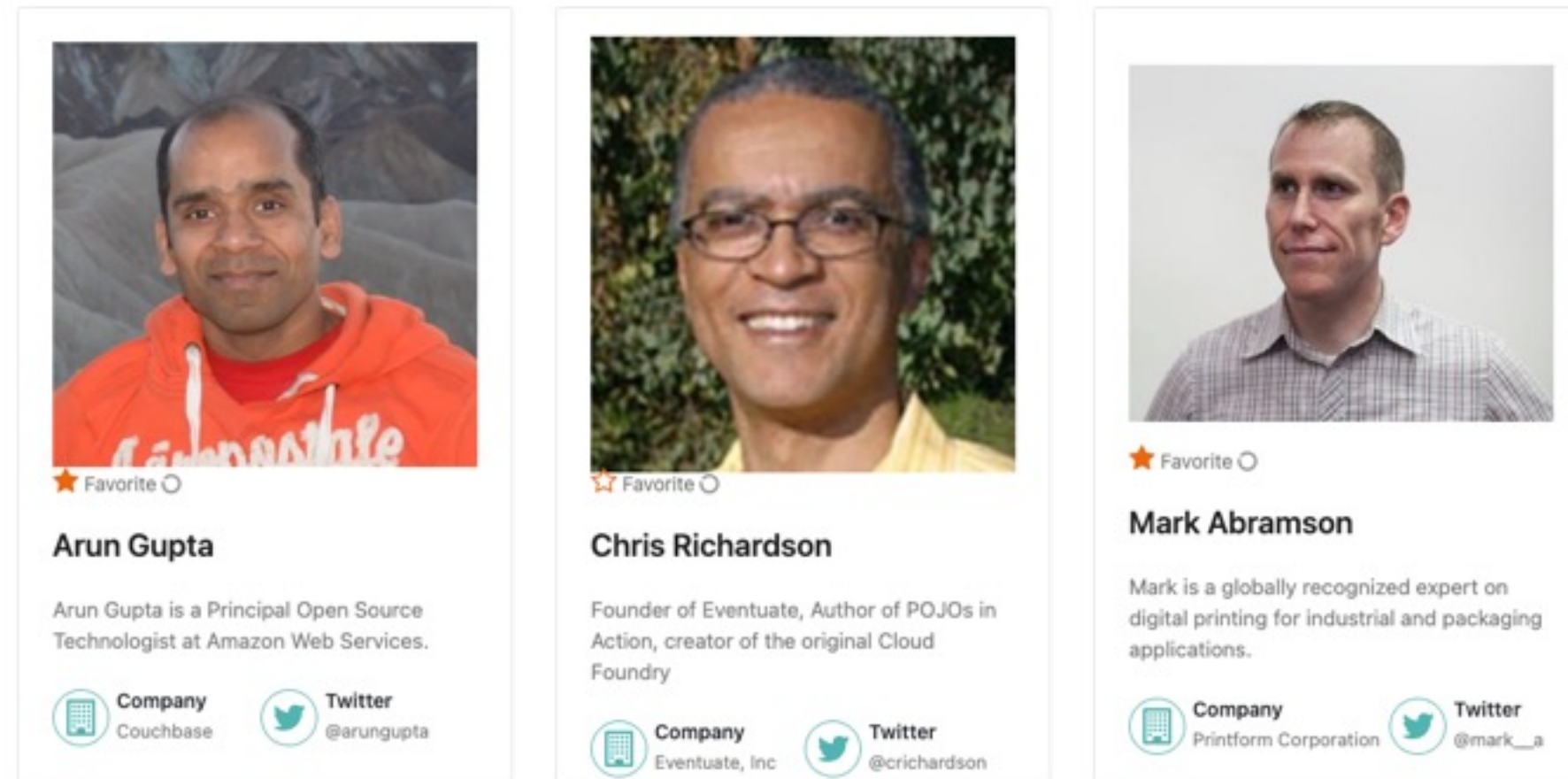
Actual Components and State




Component Dive into the Speaker Component




Building a Component Hierarchy in React




Component Dive into the Speaker Component

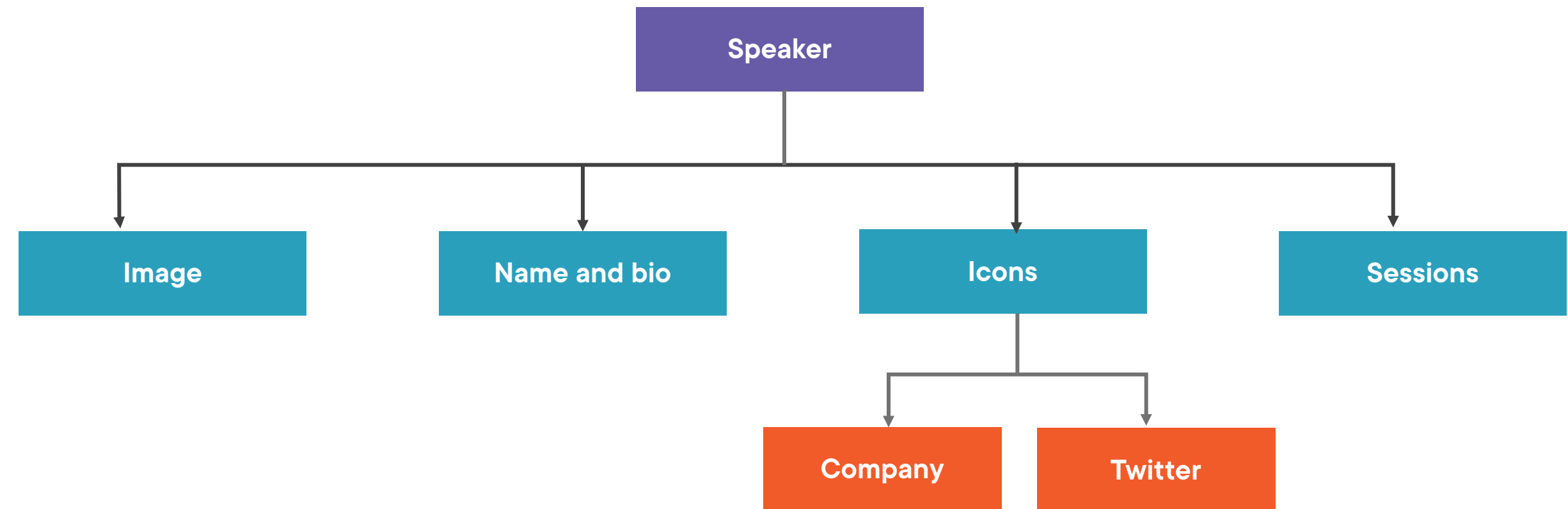


Arun Gupta
★ Favorite
Arun Gupta is a Principal Open Source Technologist at Amazon Web Services.

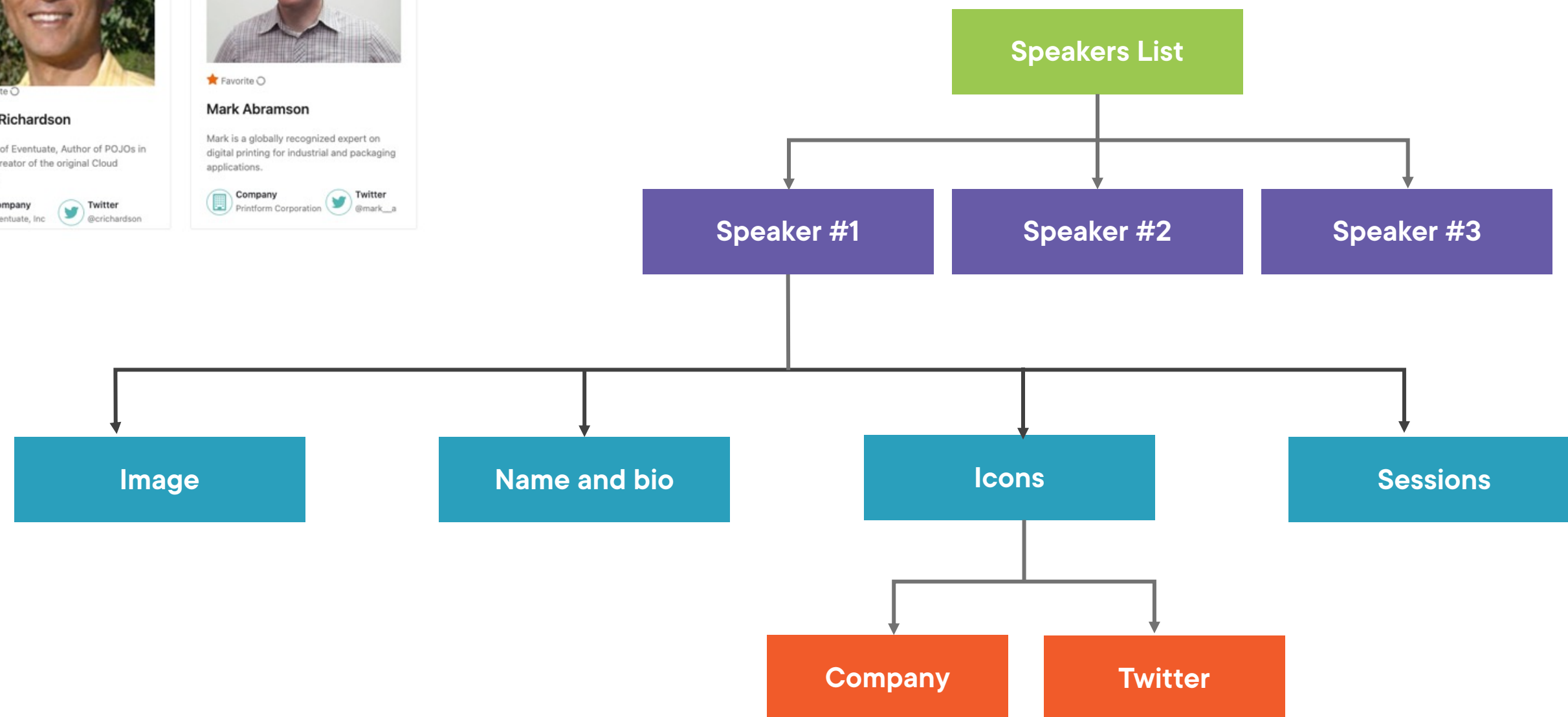
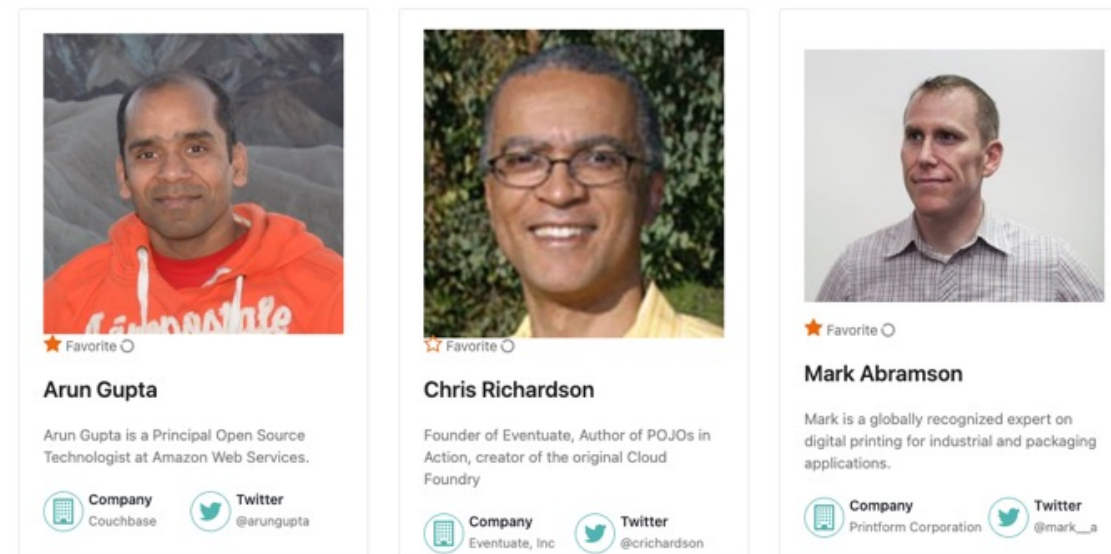
 **Company**
Couchbase

 **Twitter**
@arungupta

Using Kubernetes for Machine Learning Frameworks **Room: Town Square A**



Component Dive into the Speaker Component



Module Takeaway



- **React Context for sharing data and functionality between components**
- **Context Providers provide shared access to all children components**
- **Context Providers can leverage React lifecycle events like `useEffect`**
- **Context and custom React hooks provide a lightweight solution for easy state management**

