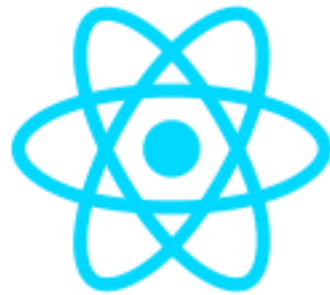


Dive into React Native



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Intro

Learn Once, Write Everywhere != Write Once, Run Everywhere

Lets you build mobile apps using **only** JavaScript

A React Native App is a **Real** Mobile App

Reload your app **instantly**

Use Native Code When You Need To

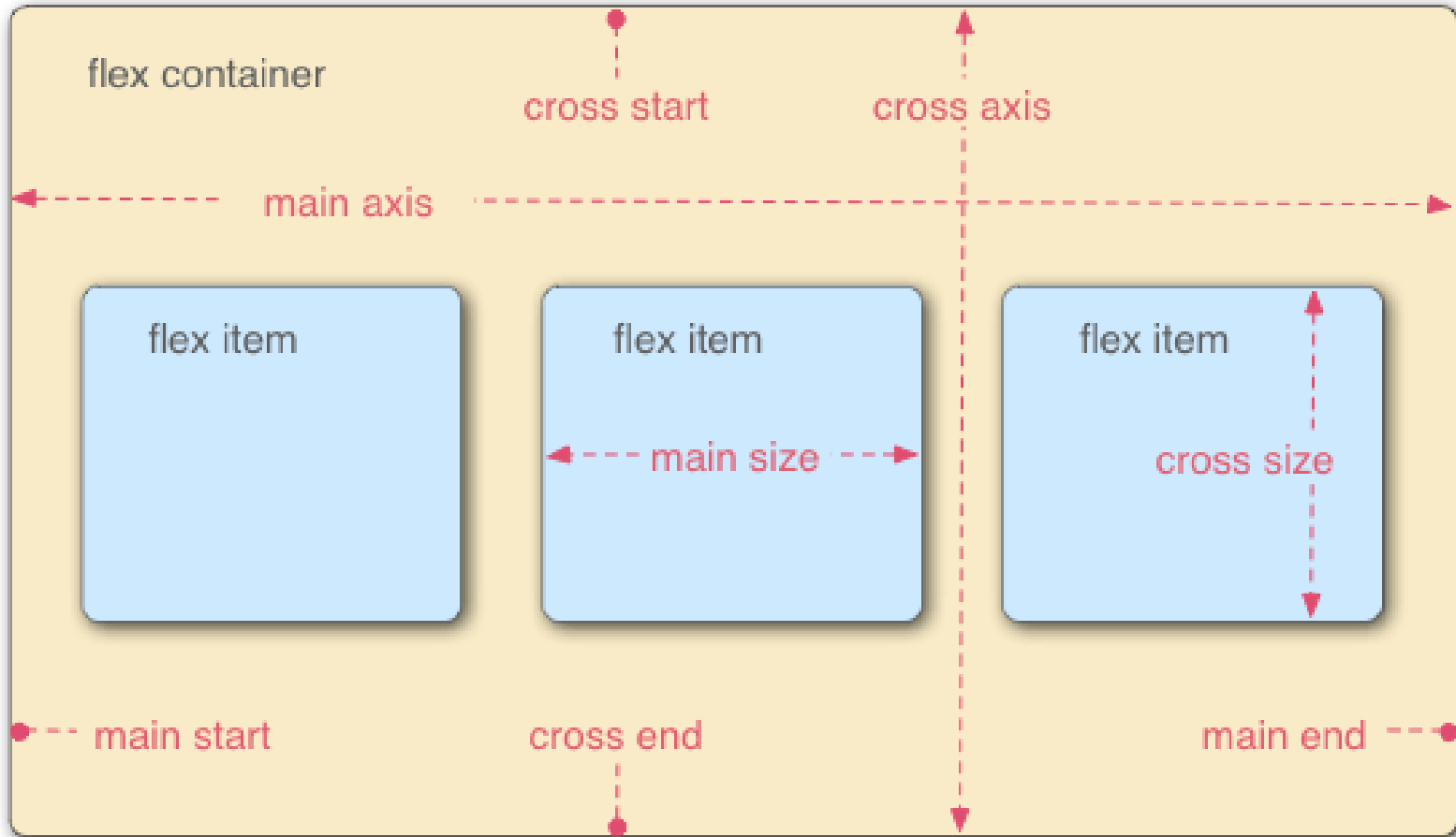


Content

1. Layout
2. Component
3. Network
4. Example – Tech Builds



Layout-Flexible Box

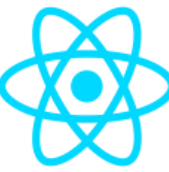


- flex-direction
- flex-wrap
- flex-flow
- justify-content
- align-items
- align-content



Component -- JSX

```
var component = React.createClass({  
  render: function () {  
    return <div>Hello World</div>  
  }  
});
```



Component – A Simple Component

```
var HelloMessage = React.createClass({
  render:function () {
    return <div>Hello {this.props.name}</div>
  }
});

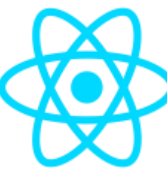
React.render(
  <HelloMessage name="John"/>,
  document.getElementById('example')
)
```

React

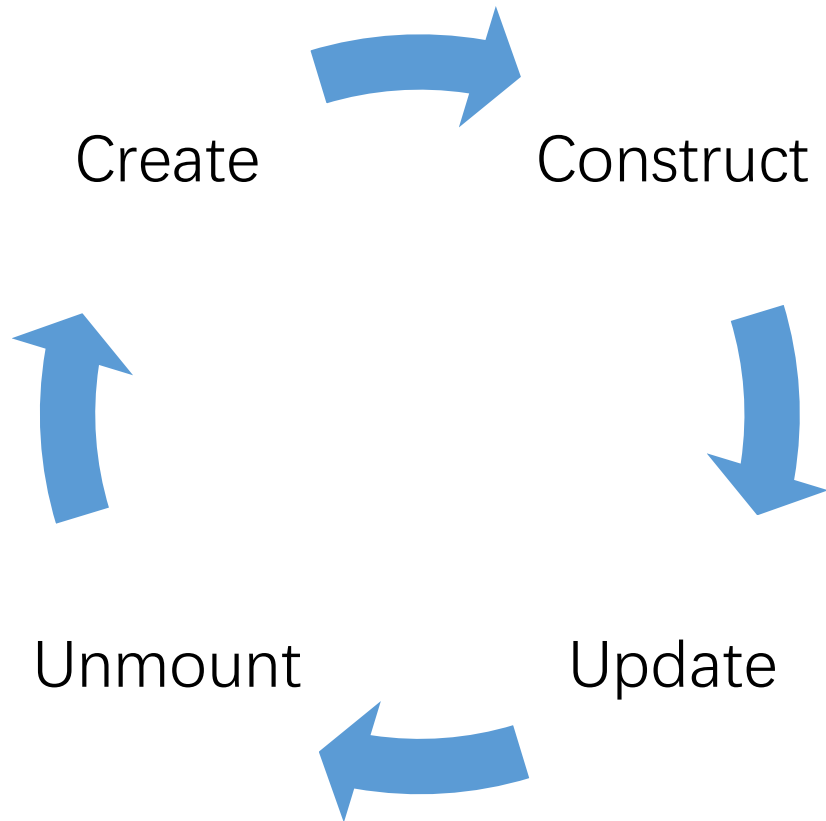
React.createClass

Render

React.Render



Component – Life Cycle



Create -- createClass

getDefaultProps()

Construct -- <>

getInitialState()

componentWillMount()

Render()

componentDidMount()

Update

componentWillReceiveProps()

shouldComponentUpdate()

componentWillUpdate()

Render()

componentDidUpdate()

Unmount

componentWillUnmount()



Network

```
fetchData() {  
  fetch('http://10.10.1.120:6789/article')  
    .then((response) => response.json())  
    .then((responseData) => {  
      this.setState({  
        articles: responseData.articles,  
      });  
    }).done();  
}
```





Network

```
post:function (url,data,callback) {  
  var fetchOptions={  
    method:'POST',  
    headers:{  
      'Accept':'application/json',  
      'Content-Type': 'application/json'  
    },  
    body: JSON.stringify(data)  
  };  
  fetch(url,fetchOptions)  
    .then((response)=> response.text())  
    .then((responseText)=>{  
      callback(JSON.parse(responseText));  
    });  
}
```

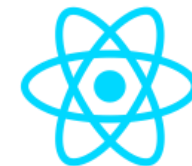




Network

```
Parse.initialize("YOUR_APP_ID");  
Parse.serverURL = 'http://localhost:1337/parse'
```





Example – Tech Builds

