

**REACT**  
**WHAT IS IT?**

**LIBRARY OR  
FRAMEWORK**

AN ECOSYSTEM  
BY ITSELF IT'S A LIBRARY  
WITH WEBPACK, BABEL  
AND REDUX IT'S A  
FRAMEWORK

**REACT IS THE  
VIEW LAYER**

**WEBPACK IS THE  
BUNDLER**

**BABEL IS THE  
TRANSPILER**

**REDUX IS THE  
DATA LAYER**

# FEATURES OF REACT



**VIRTUAL DOM**

# JSX

```
// JSX
```

```
<h1 className="heading">Hello, world! I am an H1.</h1>
```

```
// Compiles to this
```

```
React.createElement('h1', {className: "heading"},  
  "Hello, world! I am an H1."  
)
```

# COMPONENTS

- > `class` COMPONENTS
- > STATELESS COMPONENTS

getDefaultProps

getInitialState

componentWillMount

render

componentDidMount

# LIFECYCLE METHODS

**UNI-DIRECTIONAL DATA**

# REACT NATIVE ISOMORPHIC RENDERING

