

### Components

```
import React from 'react'
import ReactDOM from 'react-dom'
class Hello extends
React.Component {
render () {
return <div className='message-
box'>
Hello {this.props.name}
</div>
}
}

const el = document.body
ReactDOM.render(<Hello name='John'
/>, el)

Use the React.js jsfiddle to start
hacking. (or the unofficial jsbin)
```

### Properties

```
<Video fullscreen={true} />
render () {
this.props.fullscreen
...
}

Use this.props to access properties
passed to the component.
See: Properties
```

### Nesting

```
class Info extends React.Component
{
render () {
const { avatar, username } =
this.props
return <div>
<UserAvatar src={avatar} />
<UserProfile username={username} />
</div>
}
}
```

As of React v16.2.0, fragments can be used to return multiple children without adding extra wrapping nodes to the DOM.

### States

```
constructor(props) {
super(props)
this.state = {}
}
this.setState({ username:
'rstacruz' })
render () {
this.state.username
...
}
```

Use states (this.state) to manage dynamic data.

See: States

### Children

```
<AlertBox>
<h1>You have pending
notifications</h1>
</AlertBox>

class AlertBox extends
React.Component {
render () {
return <div className='alert-
box'>
{this.props.children}
</div>
}
}
```

Children are passed as the children property.



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