

# Using JQuery with react

## Basics

From [Integrate jQuery UI autocomplete and React](#)

JQuery UI widget lives outside react. React is not making any updates.

```
render: function() {  
    return (<div></div>)  
},  
componentDidMount: function() {  
    $(React.findDOMNode(this)).jquery_widget({param1: 'value1', param2:  
'value2'});  
},  
componentWillUnmount: function() {  
    $(React.findDOMNode(this)).jquery_widget('destroy');  
},  
shouldComponentUpdate: function() {  
    return false  
},
```

Propagate changes from react to widget:

```
componentDidMount: function() {  
    this.updateAutocomplete();  
},  
  
componentDidUpdate: function() {  
    this.updateAutocomplete();  
},  
  
updateAutocomplete: function() {  
    var tags = this.props.tags;  
    $(React.findDOMNode(this)).autocomplete({source: tags});  
}
```

Improve performance:

```
shouldComponentUpdate: function(nextProps) {  
    return this.props.tags !== nextProps.tags;  
}
```

<http://tech.oyster.com/using-react-and-jquery-together/>

Wrapper: [Use jQuery UI from React](#)

## Slider

[Using non React components with React](#)

## Autocomplete

[Integrate jQuery UI autocomplete and React](#)

## Sortable

Original post for old react version: <https://gist.github.com/petehunt/7882164>

Modified version: [Using jQuery UI Sortable with React components](#)

[jQuery Mobile React Example](#)

From:

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