

JSX: Markup in Code vs. Code in Markup



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Module Overview



JSX

Code in markup vs markup in code

JSX

```
render: function() {  
    return React.createElement("div", null);  
}
```

```
render: function() {  
    return <div></div>;  
}
```

Transpilation

Converting one (programming) language to another.

JSX is transpiled into pure JS.

Code in Markup vs. Markup in Code

```
<div ng-if="someValue"></div>
```

```
render: function() {  
    var myDiv;  
    if (someValue) { myDiv = <div></div>; }  
    return myDiv;  
}
```

The Browser Receives...

...what you type

Angular runs JS code sitting in the DOM.

...what is transpiled

React and JSX produce pure JavaScript.