

PARAMETERIZING REACT COMPONENTS

Dr. Jose Annunziato

Hender Hello World

```
import React from 'react';  
import ReactDOM from 'react-dom';  
ReactDOM.render(  
  <h1>Hello World</h1>,  
  document.getElementById('root')  
)
```

Move Hello World to static HelloWorld component

```
import React, {Component} from 'react';  
class HelloWorld extends Component {  
  render() {  
    return (  
      <h1>Hello World 1</h1>  
    )  
  }  
}  
export default HelloWorld;
```

Use static HelloWorld component

```
import React from 'react';  
import ReactDOM from 'react-dom';  
import HelloWorld from './hello';  
ReactDOM.render(  
  <HelloWorld/>,  
  document.getElementById('root')  
);
```

PARAMETERIZED COMPONENTS

Dr. Jose Annunziato

Pass parameter as attributes

```
import Message from './message'  
ReactDOM.render(  
  <div>  
    <HelloWorld/>  
    <Message message="Hello World 2"/>  
  </div>,  
  document.getElementById('root'));
```

Create parameterized Message component

```
import React, {Component} from 'react';  
class Message extends Component {  
  constructor(props) { super(props); }  
  render() {  
    return (<h1>{this.props.message}</h1>  
  )}  
}  
export default Message;
```

FUNCTION COMPONENTS

Functional components are preferable

```
import React from 'react'  
const MyFunctionalComponent = ({message}) => {  
  return (  
    <h1>{message}</h1>  
  )  
}  
export default MyFunctionalComponent;
```

Pass parameter as attributes

```
import Stateless from './stateless';  
ReactDOM.render(  
  <div><HelloWorld/>  
    <Message message="Hello World 2"/>  
    <MyFunctionalComponent message="Hello World 3"/>  
  </div>,  
  document.getElementById('root')  
>);
```