

# Unleashing React.js

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# Goals

- Brief intro of React.js
- Simplicity
- Composability
- Event Handling
- Show Real App

# What makes React.js special?

- Simple to learn
- Composable Components
- Declarative
- Easy to use with existing projects

# Remember printing to console

```
function hello(name, datetime) {  
  return `Hello ${name}.  
         The time is ${ datetime.toLocaleString() }`  
}
```

```
console.log(hello('world', new Date()));
```

# Console refactored

```
function hello(name, datetime) {  
  return `Hello ${name}. ${ timeMsg(datetime) }`  
}
```

```
function timeMsg(datetime) {  
  return `The time is ${ datetime.toLocaleString() }`  
}
```

```
console.log(hello('world', new Date()));
```

# Console updating

```
function hello(name, datetime) {  
    return `Hello ${name}. ${ timeMsg(datetime) }`  
}
```

```
function timeMsg(datetime) {  
    return `The time is ${ datetime.toLocaleString() }`  
}
```

```
setInterval(function () {  
    console.log(hello('world', new Date()));  
}, 1000);
```







# React.js Hello updating

```
setInterval(function () {  
  const name = 'world';  
  const datetime = new Date();  
  ReactDOM.render(<Hello name={ name }  
    datetime={ datetime } />,  
    document.querySelector('#appContainer'));  
}, 1000);
```

[Live demo](#)

# Meme Generator

```
function Meme({ text }) {  
  return (  
    <div className="meme">  
      <div className="line">{ text }</div>  
    </div>  
  );  
}
```

[Live demo](#)

# Meme Generator2

Add ability to change photo

Live demo

# Thanks

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