

# Calling APIs with React

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## Making HTTP Requests

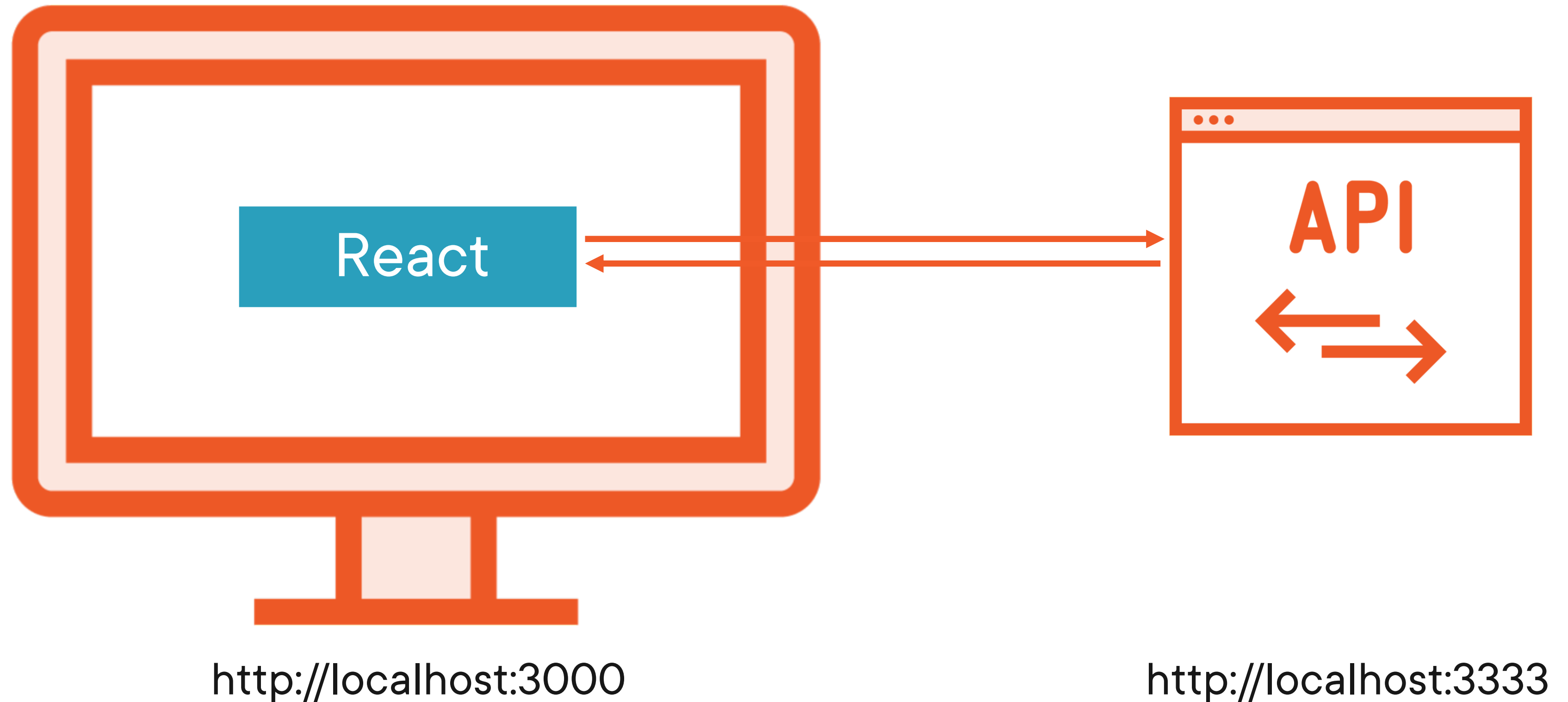


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# API Workflow



# Prerequisites

**React v17+**

**Node.js 14.15+**  
**npm 6.14+**

**Express**

# Demo



**Tour of the Globoticket site**

**Tour of the Globoticket site's code**

**Tour of the Globoticket API**

# API Calls in React

## MyClassicComponent.js

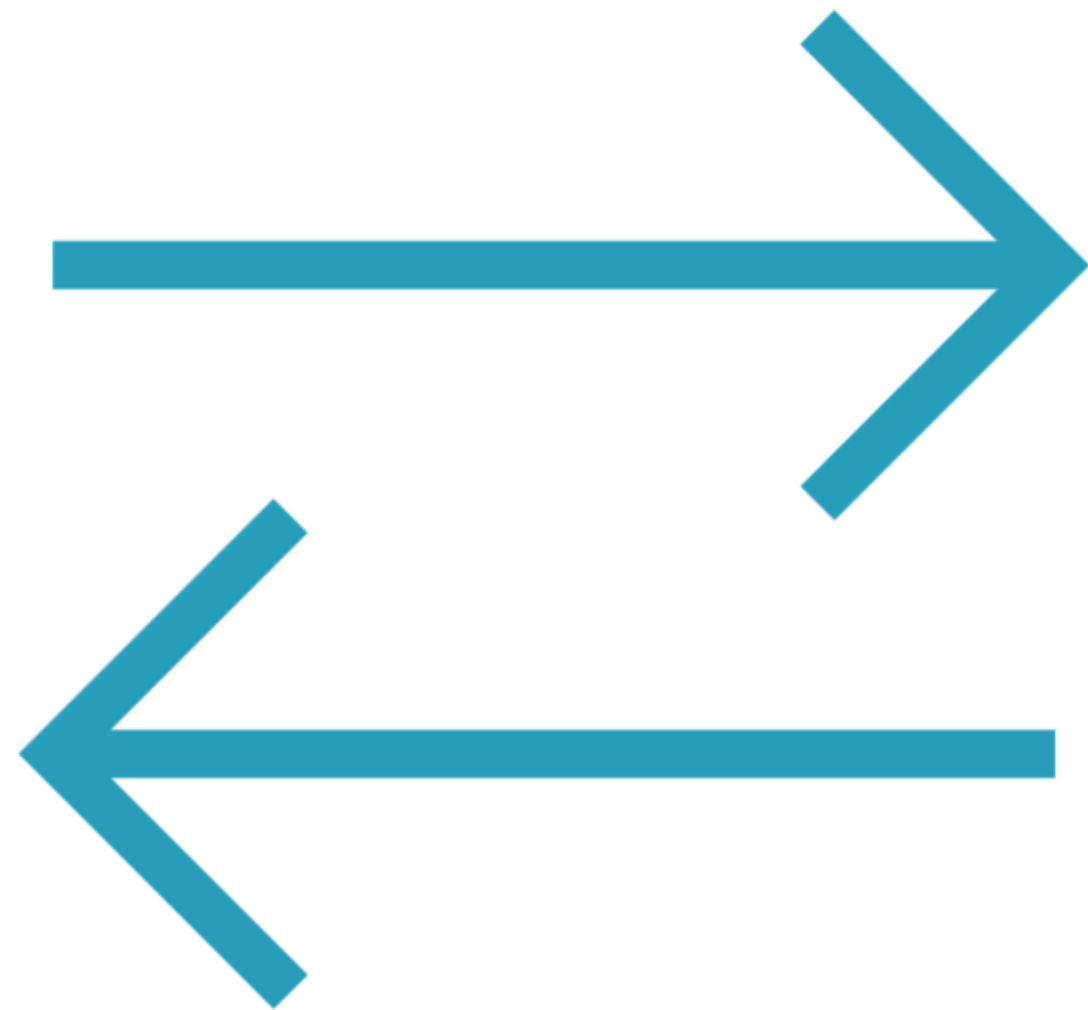
```
class MyClassicComponent
  extends React.Component {

  componentDidMount() {
    // fetch data, set state
  }
}
```

## MyHookComponent.js

```
function MyHookComponent() {
  useEffect(() => {
    // fetch data, set state
  },
  []);
}
```

# HTTP Request Options



**Fetch API**

**axios**

**jQuery**

**XMLHttpRequest**

# Fetch API

```
fetch("/path/to/api")  
  .then(response => response.json())  
  .then(data => { /* ... */ });
```

```
const response = await fetch("/path/to/api");  
const data = await response.json();
```

```
fetch(  
  url,  
  {  
    method: "POST",  
    body: JSON.stringify(data),  
    headers: { "Content-Type": "application/json" }  
  });
```

## Fetch API Options

**HTTP verb, headers, and more**



# Demo



**Adding the Fetch API to the application**