

Skill Training

React JS

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Schedule for React JS Training

Day1 : State Management : Class Components

Day2 : State Management : Functional Components, Hooks

Day3 : Http Client Programming

Day4 : Working with Forms, Validations, Services

Day5 : Redux

Day6 : Unit Testing

Day7 : Routing – SPA in React JS

Day3

Http Client Programming



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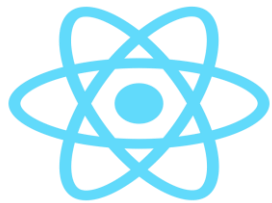
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Index – Day3

1. Http Client Programming using React
2. Using Axios Package
3. Live API communication
4. Get, Post, Put, Delete Requests
5. CURD Operations using JSON-Server

Http Client Programming using React



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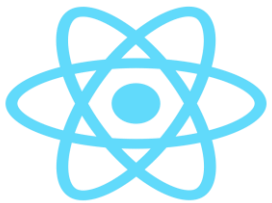
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Server Calls - AJAX

- AJAX is client side programming technique to exchange data between client and server
- We can implement AJAX calls in React in the following ways:
 - **window.fetch() method**
 - **axios library**



Using Axios Package



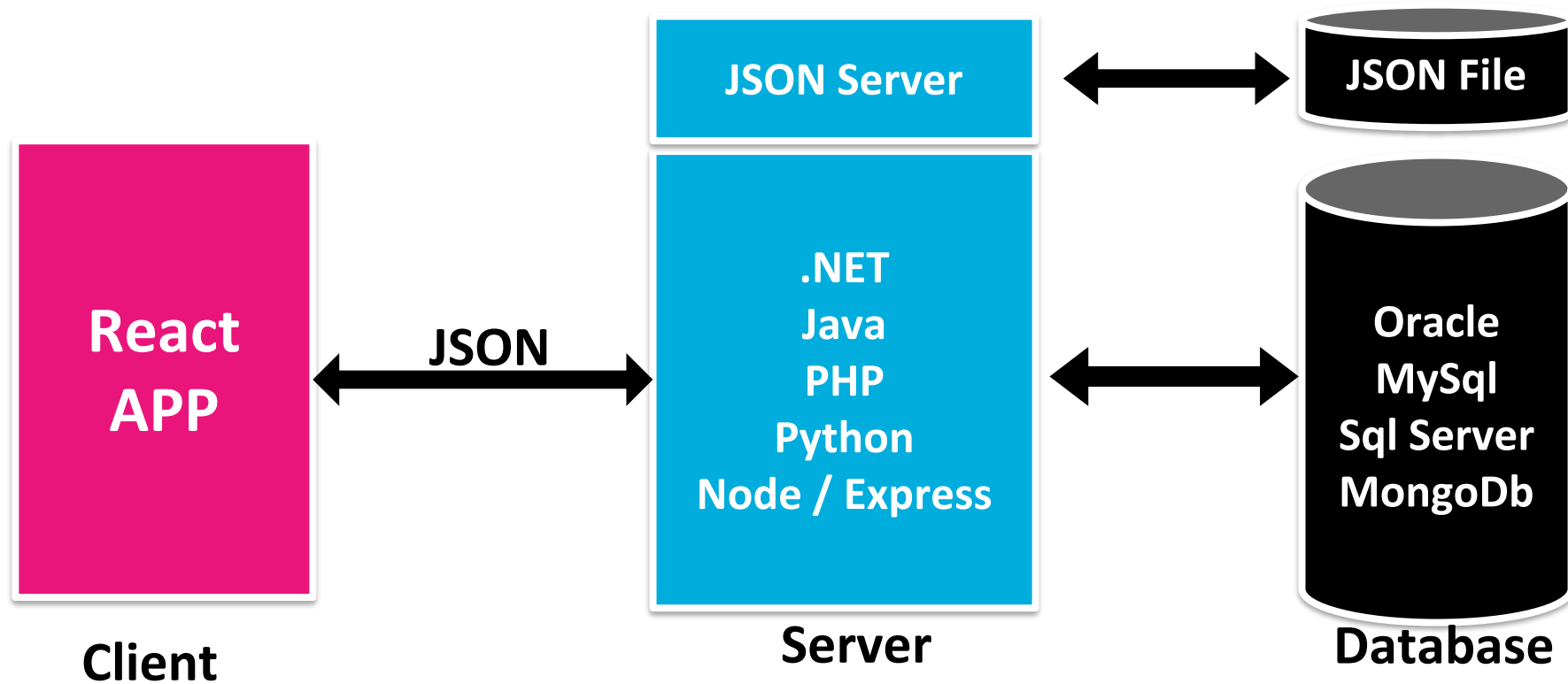
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Axios Package

- Axios is a lightweight HTTP client based library
- It helps us to communicate with server.
- Installation:
- **`npm install axios --save`**



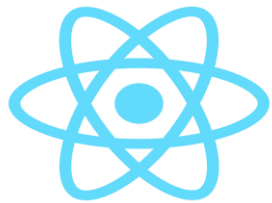


Axios Package - Usage

```
import axios from 'axios';
```

```
    axios.get(url).then(resData =>
      {
        // process the resData
      });
```





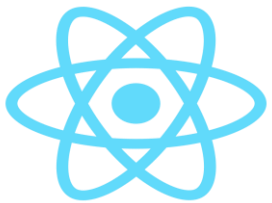
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Demo

Live API communication

Get, Post, Put, Delete Requests



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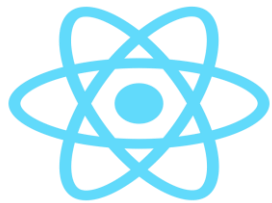
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Axios Methods for CRUD

```
CREATE    :    axios.post(url, data).then();  
READ      :    axios.get(url).then();  
UPDATE    :    axios.put(url, data).then();  
DELETE    :    axios.delete(url).then();
```



CURD Operations using JSON-Server



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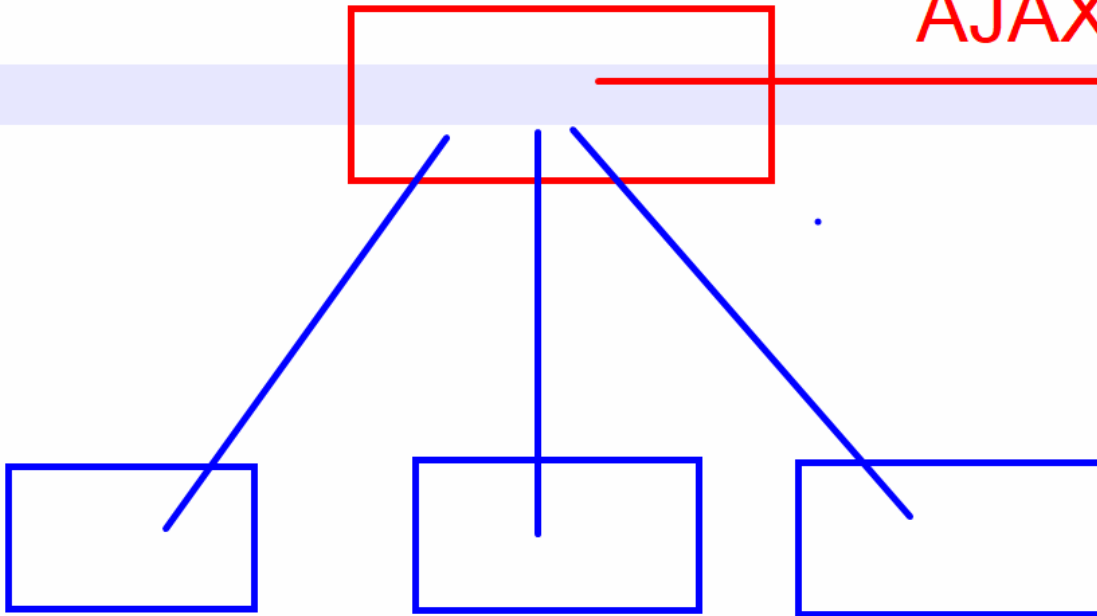


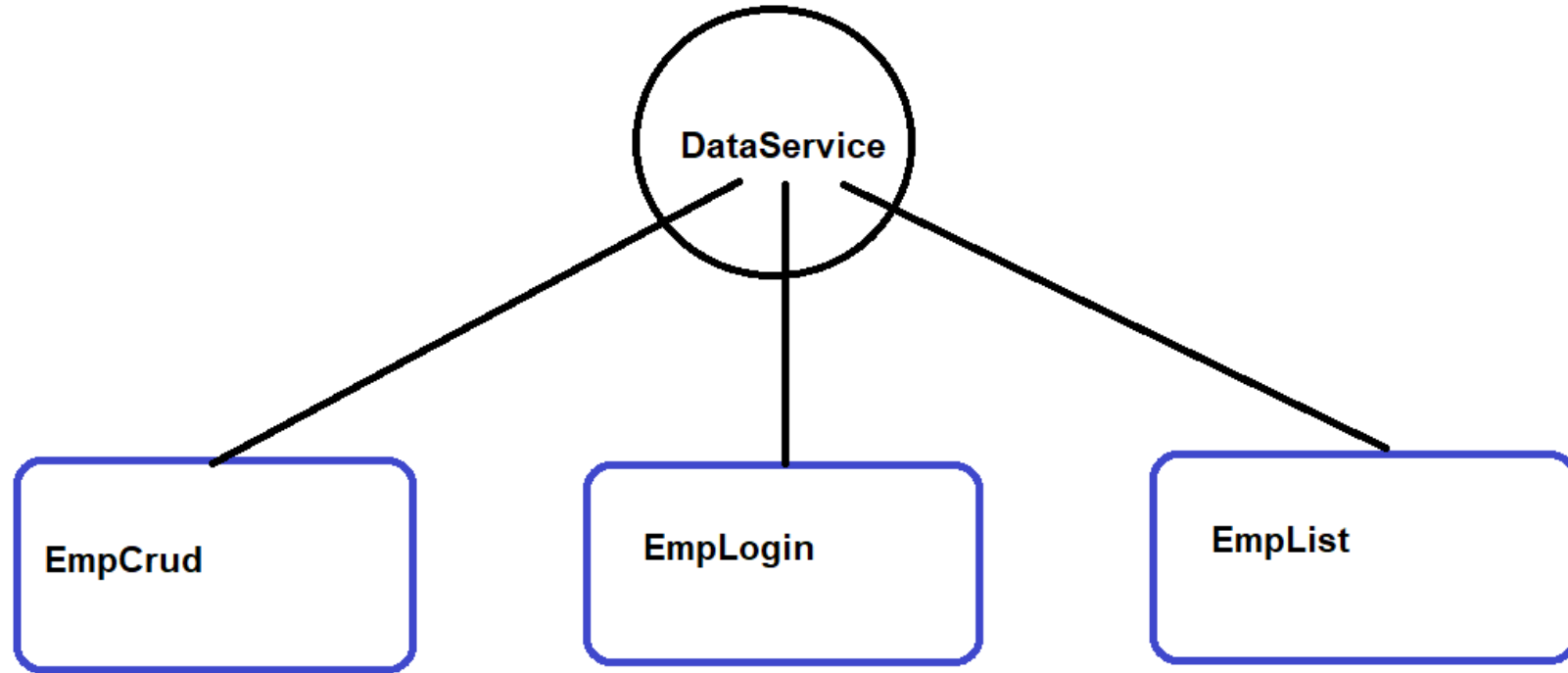
Hands-On Implementation

Data Service

AJAX Calls

Server





Practice Hands-Ons

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