

TW-016 GROUP VERSION



CLARUSWAY
WAY TO REINVENT YOURSELF

Meeting Agenda

- ▶ Icebreaking
- ▶ Questions
- ▶ Interview Questions
- ▶ Coffee Break
- ▶ Coding Challenge
- ▶ Video of the week
- ▶ Retro meeting
- ▶ Case study / project

Teamwork Schedule

Ice-breaking

5m

- Personal Questions (Study Environment, Kids etc.)
- Any challenges (Classes, Coding, studying, etc.)
- Ask how they're studying, give personal advice.
- Remind that practice makes perfect.

Team work

5m

- Ask what exactly each student does for the team, if they know each other, if they care for each other, if they follow and talk with each other etc.

Ask Questions

15m

1. What is Axios in the context of React.js?

- A. A styling library
- B. A state management tool
- C. A JavaScript library for making HTTP requests
- D. A routing library

2. How do you install Axios in a React project?

- A. npm install react-axios
- B. npm install axios
- C. npm install react-http
- D. npm install http-axios-react

3. How do you handle errors in an Axios request?

- A. Using the error method
- B. Using the fail method
- C. Using the handleError method
- D. Using the catch method

4. How can you pass parameters in an Axios POST request in React?

- A. Using the data property
- B. Using the params property
- C. Using the body property
- D. Using the payload property

5. In React, what is a common approach to managing Axios requests in functional components?

- A. Utilizing the useEffect hook
- B. Using the componentDidMount lifecycle method
- C. Embedding Axios calls directly in the component body
- D. Creating a separate class for Axios requests

6. What is the primary advantage of using Axios over the traditional fetch API in React?

- A. Axios provides a simpler syntax
- B. Axios is faster in making HTTP requests
- C. Axios has built-in support for interceptors and cancel tokens
- D. Axios is the official HTTP library recommended by the React team

7. Why should you use React Router's Link component instead of a basic <a> tag in React?

- A. The link component allows the user to use the browser's Back button.
- B. There is no difference--the Link component is just another name for the <a> tag.
- C. The <a> tag will cause an error when used in React.
- D. The <a> tag triggers a full page reload, while the Link component does not.

8. Consider the following code from React Router. What do you call :id in the path prop?

```
<Route path="/:id" />
```

- A. This is a route modal
- B. This is a route parameter
- C. This is a route splitter
- D. This is a route link

9. What is React Router used for?

- A. Managing the state of a React application
- B. Building a database for a React application
- C. Handling routing in a React application
- D. Loading a React Page

10. React Router is a library that provides _____ in a single-page application.

- A. Routing
- B. State management
- C. Component rendering
- D. Data fetching

11. React Router uses a _____ component to render a component when its path matches the current URL.

- A. Link
- B. Route
- C. Switch
- D. Redirect

12. The component in React Router is used to create _____ between routes.

- A. Navigation
- B. State management
- C. Data sharing
- D. Component rendering

13. Which React Router hook provides access to the current location object?

- A. useHistory
- B. useLocation
- C. useRouteMatch
- D. useParams

14. How do you handle a 404 error in React Router?

- A. By creating a new component for the 404 error page and rendering it in a <Route> component with no path specified
- B. By using the <Error404> component provided by React Router
- C. By using the <NotFound> component provided by React Router
- D. By creating a new route with a path of '*' and rendering a 404 error page component in it

15. What's the purpose of the BrowserRouter component?

- A.** To create new routes
- B.** To understand all of its children Route elements, and intelligently choose which ones are the best to render.
- C.** Allows React Router to pass the app's routing information down to any child component it needs (via context)
- D.** To make navigating possible in native applications

16. The useParams hook in React Router allows you to access URL parameters within a _____ component.

- A.** Class
- B.** Functional
- C.** Higher-order
- D.** Stateful

17. React Router allows you to perform client-side routing by manipulating the _____.

- A.** Server
- B.** Database
- C.** Browser history
- D.** Context API

Interview Questions**15m****1. What is React Router?****2. How does browser history work in React Router?****3. What is nested routing?****4. What do you understand about the 'to' attribute in React Router?****5. Explain the difference between server-side rendering and client-side rendering in React.**



Coffee Break

10m



Video of the Week

10m

- [Basics of React Router](#)

Case study/Project

15m

- [Random User App](#)

Retro Meeting on a personal and team level

10m

Ask the questions below:

- What went well?
- What could be improved?
- What will we commit to do better in the next week?

Closing

5m

- Next week's plan
 - QA Session
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