Technical Documentation of Chuck Norris Joke API

1. Code Guidelines

1.1. Naming

- Variables: camelCase (e.g., chuckNorrisData, apiUrl).
- Files: Lowercase with hyphens (e.g., chuck-joke-fetcher.js).
- Interfaces: PascalCase (e.g., PostNorris).

1.2. Code Style

- Use semicolons at the end of statements.
- Adopt modern JavaScript features, like async/await.
- Handle exceptions with try-catch blocks.

2. Project Overview & Function Descriptions

This project fetches a Chuck Norris joke from an external API:
- getChuckNorrisJoke({ message }: PostNorris):
  - Dynamically builds the API URL based on the provided message.
  - If a specific category (message) is passed, the joke fetched belongs to that category.
  - Processes the API response and fetches the joke.
  - If the API request isn't successful, it throws a custom error.

3. Technologies

- Fetch API: To request and fetch data from the Chuck Norris Joke API.
- Custom Middleware: ErrorStatus for enhanced error management and messaging.

4. Description of the Joke Retrieval

This functionality offers versatile ways to entertain with Chuck Norris jokes:
- Random Joke:
  - Using a call without any specific message, you get a random Chuck Norris joke.
- Category-specific Joke:
  - Provide a specific message (category) and fetch a joke from that category.
- Error Handling:
  - In case the API request encounters issues, it uses a custom ErrorStatus to provide detailed error information.