

Overlay API Endpoints

Create Overlay

The endpoint `/api/overlays` supports the POST method for creating a new overlay. To add a custom overlay, send a JSON payload in the request body specifying the position (x, y), size (width, height), and content of the overlay. The server responds with a success message upon successful creation.

Read All Overlays

To retrieve all saved overlay settings, make a GET request to the `/api/overlays` endpoint. The server responds with a JSON array containing details of all overlays, including their unique IDs, positions, sizes, and content.

Update Overlay

To modify an existing overlay, use the `/api/overlays/:overlayId` endpoint with the PUT method, where `:overlayId` is the unique identifier of the overlay. Provide a JSON payload in the request body with the updated position, size, and content. The server responds with a success message upon updating the overlay.

Delete Overlay

To remove an overlay, send a DELETE request to the `/api/overlays/:overlayId` endpoint, replacing `:overlayId` with the specific overlay's ID. The server responds with a success message upon the successful deletion of the overlay.

Interaction Examples

Using cURL

Interacting with these endpoints via cURL commands involves specifying the HTTP method, endpoint URL, and, if applicable, including a JSON payload. For example, creating an overlay can be done with a POST request, reading all overlays with a GET request, updating an overlay with a PUT request, and deleting an overlay with a DELETE request.

Using Axios in JavaScript

In a JavaScript environment, such as a React application, Axios is commonly used for making HTTP requests. The examples show how to perform the same CRUD operations using Axios, with the API base URL assumed to be `http://localhost:5000/api`. The JavaScript code demonstrates creating, reading, updating, and deleting overlays, emphasizing the importance of handling errors and incorporating actual values for placeholders.

These endpoints and interaction examples form the foundation for managing overlays in the application, providing a clear and structured approach to creating, retrieving, updating, and deleting overlay settings.

