

The only operation outlined in the interface between the frontend and the backend is that the backend offers the frontend the ability to sort a list of 10 JSON objects.

The backend expects to receive a list of 10 JSON objects from the frontend. The frontend expects to receive a sorted list of the same 10 JSON objects.

The backend can only accept an unsorted list from the frontend if it is not already in the process of sorting another list. So, the frontend must keep track of when to send a list to the backend for sorting.