

The Backend

Test the API, using POSTMAN. This should not cause any CORS-related problems, WHY?

Because CORS is defined between a server and a browser, and since we are using Postman instead of the browser, the request is not rejected.

The Frontend

Does this work?, can you use the API, from your new “SPA-client”? If not explain why (the errors you get).

Error from browser:

Access to fetch at 'http://localhost:8080/ThursdayExercise/api/person/all' from origin 'http://localhost:3456' has been blocked by CORS policy: No 'Access-Control-Allow-Origin' header is present on the requested resource. If an opaque response serves your needs, set the request's mode to 'no-cors' to fetch the resource with CORS disabled.

Because Ajax requests are forbidden by default by the same-origin security policy.

Using CORS with Jax-rs

Verify that you can use the full API. Monitor all request, especially POST, and make sure you can explain all the request made by the browser, also those which are not a GET, POST, PUT or DELETE request.

For each CRUD request send, another OPTIONS request is sent as well. The OPTIONS request allows methods: GET, POST, DELETE, PUT