CORS

Cross-Origin Resource Sharing

```
const url = 'http://api.ya.ru';
fetch(url);
```

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fetch(url);
```

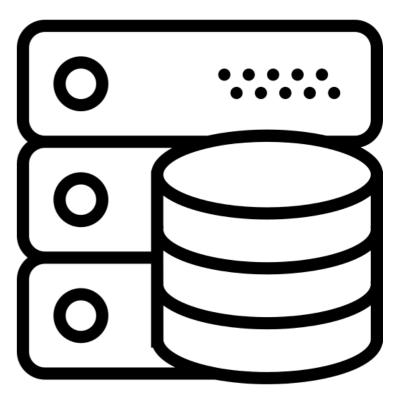
- Access to fetch at 'http://api.ya.ru/' from origin 'http://localhost:3000' has localhost/:1 been blocked by CORS policy: No 'Access-Control-Allow-Origin' header is present on the requested resource. If an opaque response serves your needs, set the request's mode to 'no-cors' to fetch the resource with CORS disabled.
- Uncaught (in promise) TypeError: Failed to fetch

localhost/:1

POST https://request.url.com/api/path/login/ Accept: application/json, text/plain, */* Content-Type: application/json; charset=utf-8 Origin: https://request.url.com Cookie: PHPSESSID=UarhdHU%2Fs2LRgF%2FYhht43XEad3SAC; Content-Length: 60 Accept-Language: ru Host: request.url.com User-Agent: Mozilla/5.0 (Macintosh; Intel Mac OS X 10_15_3) AppleWebKit/605.1.15 (KHTML, like Gecko) Version/13.0.5 Safari/605.1.15 Referer: https://request.url.com/request/was/from/here/ Accept-Encoding: gzip, deflate, br Connection: keep-alive

--data-binary {"login":"this_is_login","password":"my_secret_password"}



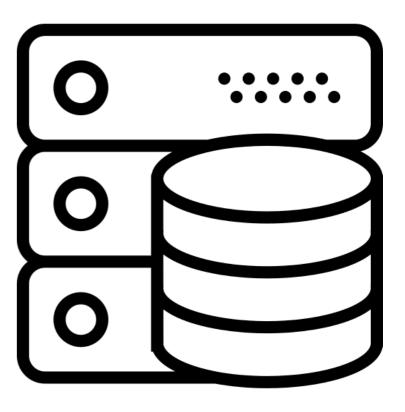












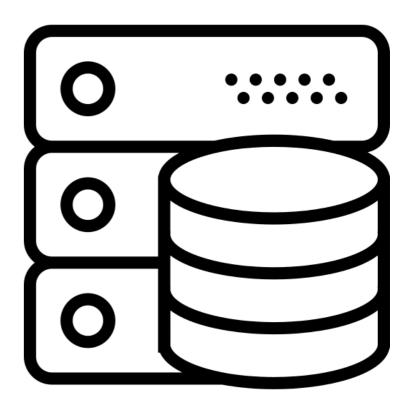


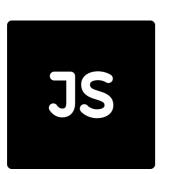






GET /data/ origin: http://api.ya.ru host: google.com









<ERROR>





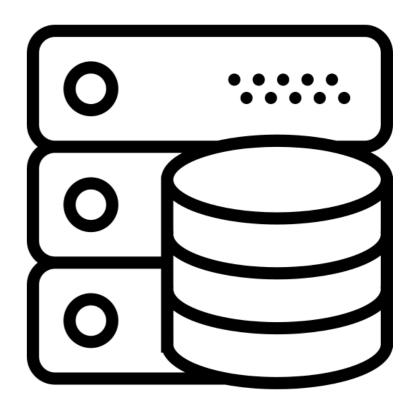


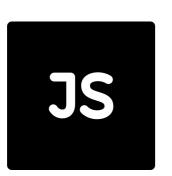
GET /data/ origin: http://api.ya.ru host: google.com



<RESPONSE>











<ERROR>



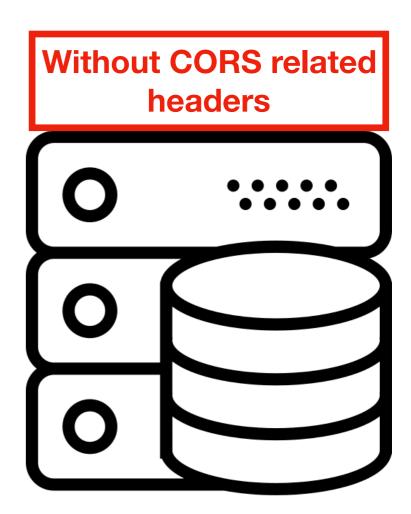




GET /data/ origin: http://api.ya.ru host: google.com









Access-Control-Allow-Origin: *

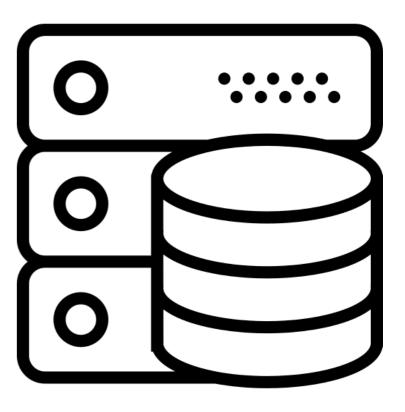
Access-Control-Allow-Origin: http://api.ya.ru











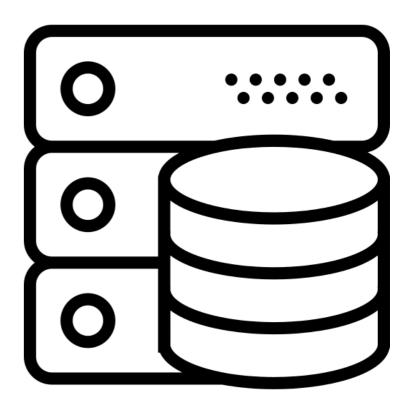








GET /data/ origin: http://api.ya.ru host: google.com









<CONTENT>





origin: http://api.ya.ru

host: google.com

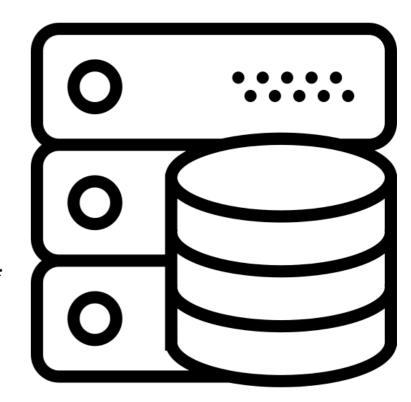




<CONTENT>

Access-Control-Allow-Origin: *







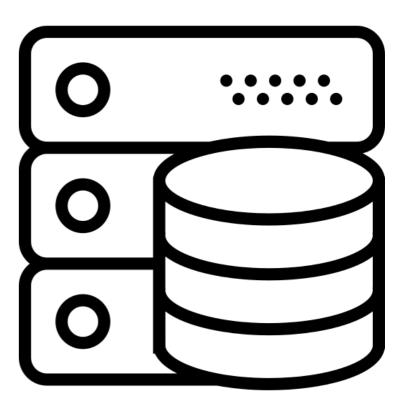


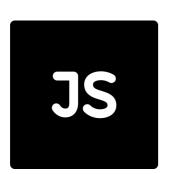














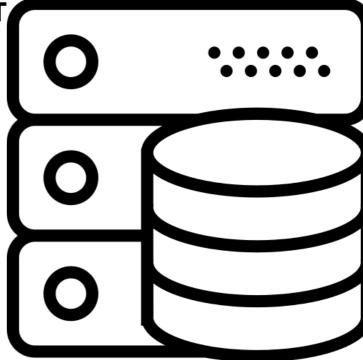


OPTIONS /data/

Access-Control-Request-Methods: POST

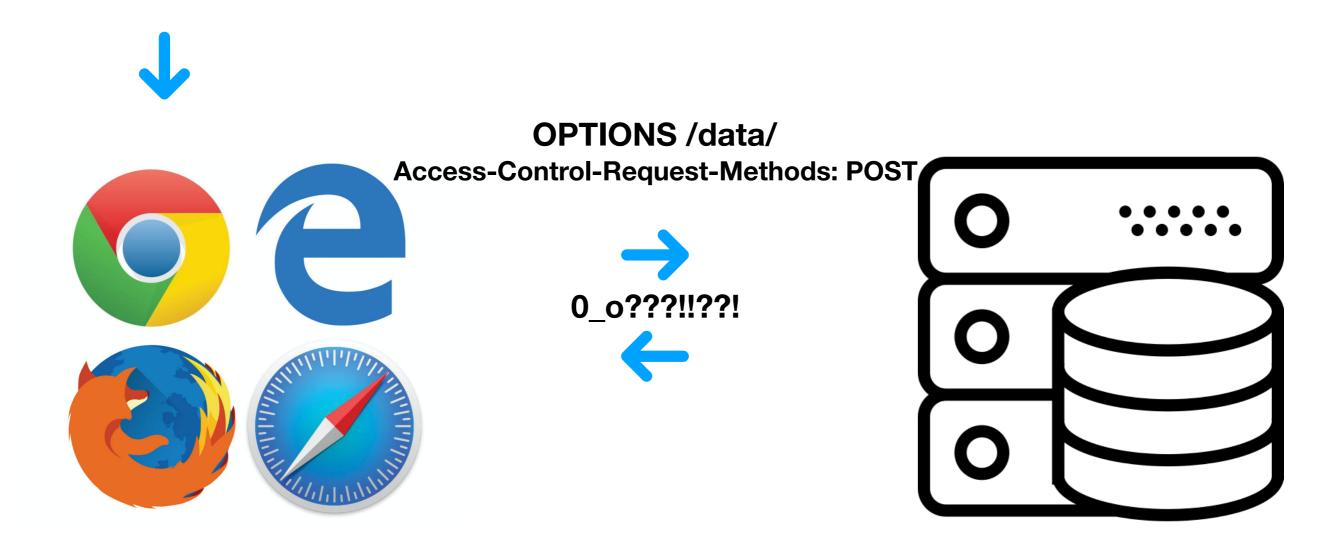


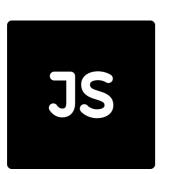
















<ERROR>

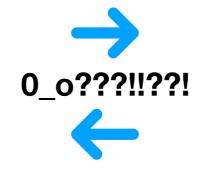


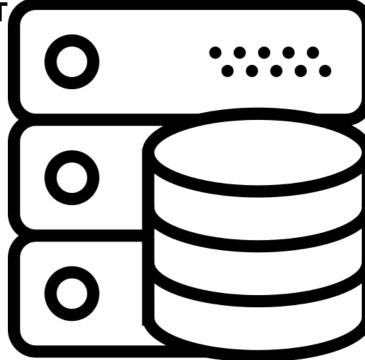
OPTIONS /data/







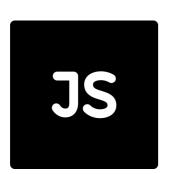






Access-Control-Allow-Methods: POST

Access-Control-Allow-Methods: POST, PUT, DELETE





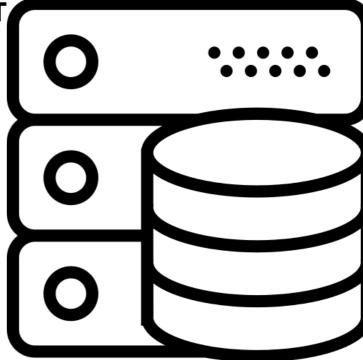


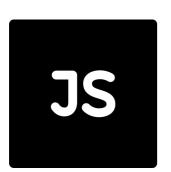
OPTIONS /data/

Access-Control-Request-Methods: POST

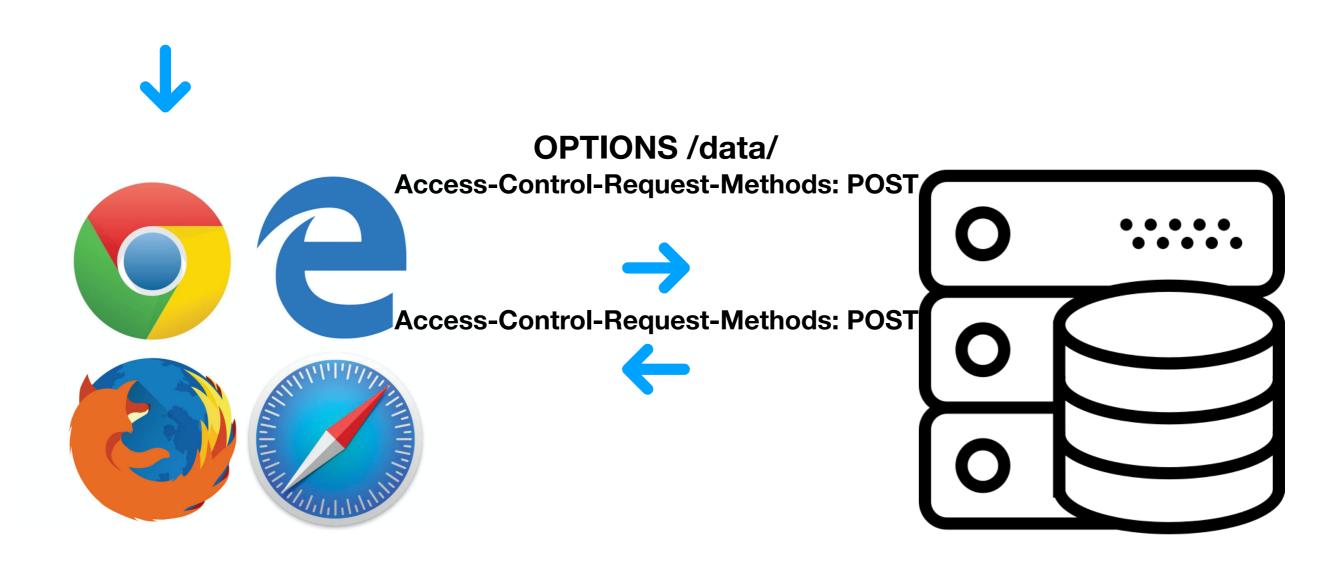


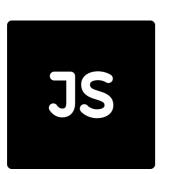




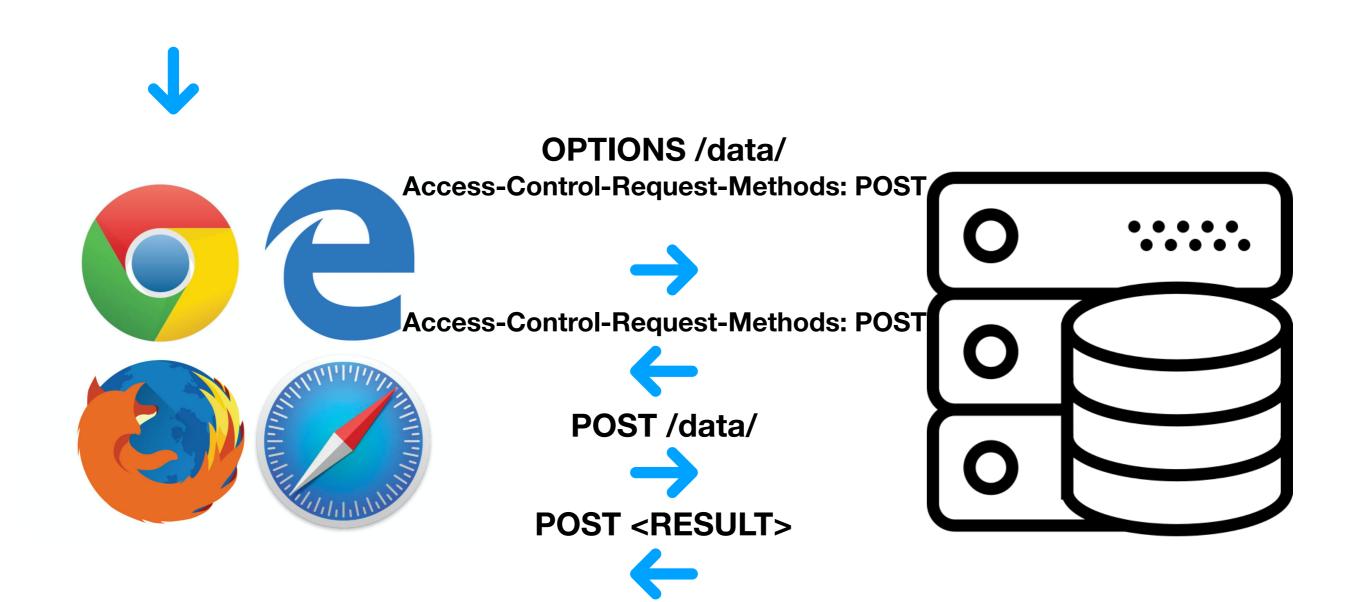


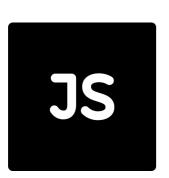
















<RESULT>



OPTIONS /data/

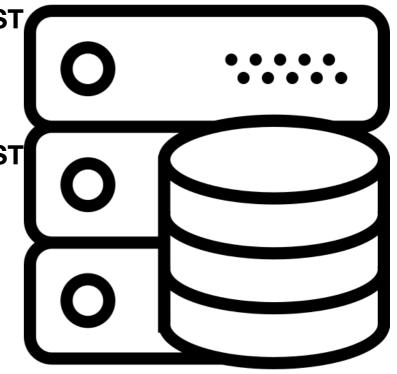












Cookies

```
fetch(url, {
    method: 'POST', // *GET, POST, PUT, DELETE, etc.
    credentials: 'same-origin', // include, *same-origin, omit
    body: JSON.stringify(data) // body data type must match "Content-Type"
header
  });
```

Access-Contol-Allow-Credentials: true

Access-Control-Allow-Origin: *

Access-Control-Allow-Credentials: true

CSRF

Cross Site Request Forgery