

01



# CORS in JavaScript

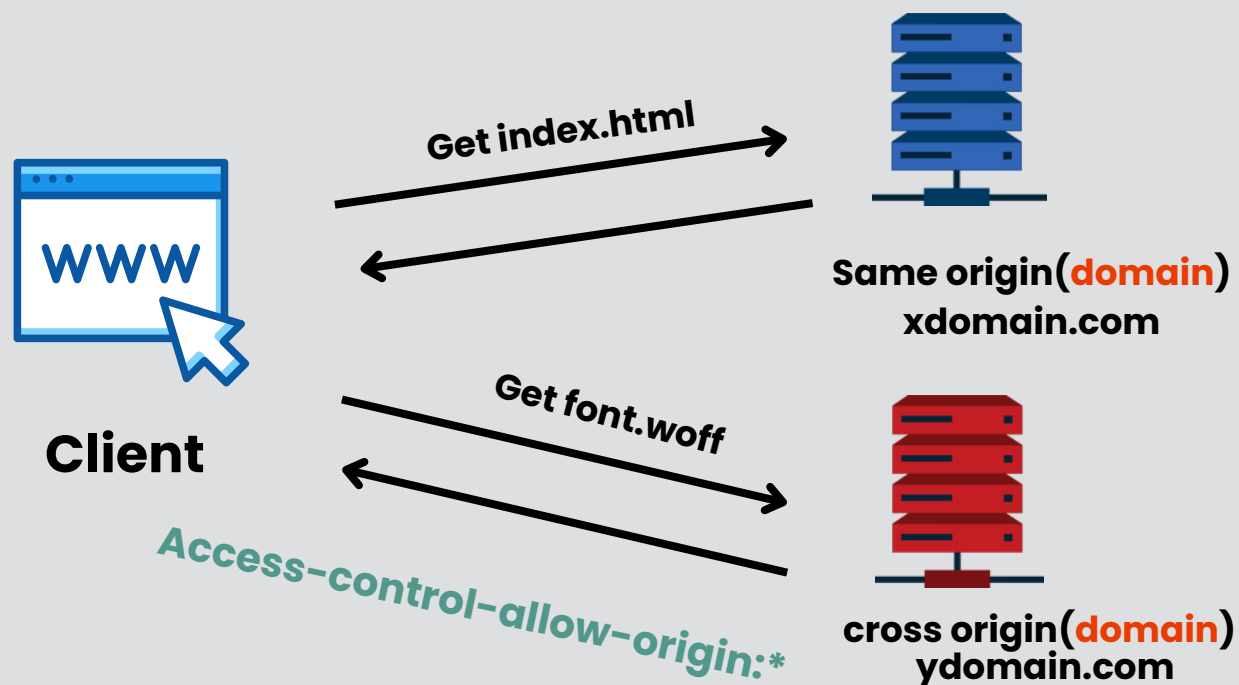


(Must have **Understand** full stack developers)

# What is CORS?

CORS (Cross-Origin Resource Sharing)

- This is **browsers to control** how web pages can **request resources** (e.g., **API data**) from a **different domain** (**cross-origin**).



# What is Cross-Origin?

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**Origin** refers

- Protocol (e.g., http, https)
- Domain (e.g., example.com)
- Port (e.g., :80, :443)

**cross-origin** when the web page running on **one origin** (say, `https://example.com`) tries to access a resource (like an API) on **another origin** (say, `https://api.anotherdomain.com`).

## Client Request

```
fetch('https://api.anotherdomain.com/data', {  
  method: 'GET',  
  mode: 'cors'  
})  
  
.then(response => response.json())  
.then(data => console.log(data))  
.catch(error => console.error('Error:', error));
```

## Server Response

**HTTP/1.1 200 OK**

**Access-Control-Allow-Origin: https://example.com**

**Access-Control-Allow-Methods: GET, POST**

**Access-Control-Allow-Headers: Content-Type**



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