

Cross Origin Request Sharing



Saad Irfan
@DevWithSaad



What is CORS?

Cross-Origin Request Sharing (CORS) is a security measure implemented by the browser to block all incoming requests whose origin is not similar to the server.

When the browser makes an API call, it adds an origin header. For a request to proceed, the server origin and this added origin must be the same.



Saad Irfan
@DevWithSaad



1. Handle CORS in Express

Expressjs has developed a package called **cors** for handling CORS in the Express server.

Go ahead and install it in your project.



```
npm i cors
```



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2. Handle CORS in Express

Import cors at the top of the server entry file.

```
server.js

// imported express
const express = require('express');

// imported cors
const cors = require('cors');

// created an express app
const app = express();
```



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3. Handle CORS in Express

We need to call cors inside Express middleware using app.use().

```
server.js

const express = require('express');
const cors = require('cors');
const app = express();

// allow all API calls coming from any URL to get to the server
app.use(cors());

// OR

// only allow API calls coming from msaad.dev to get to the server
const corsOptions = {
  origin: 'http://msaad.dev',
  optionsSuccessStatus: 200
};
app.use(cors(corsOptions));
```



Saad Irfan
@DevWithSaad

