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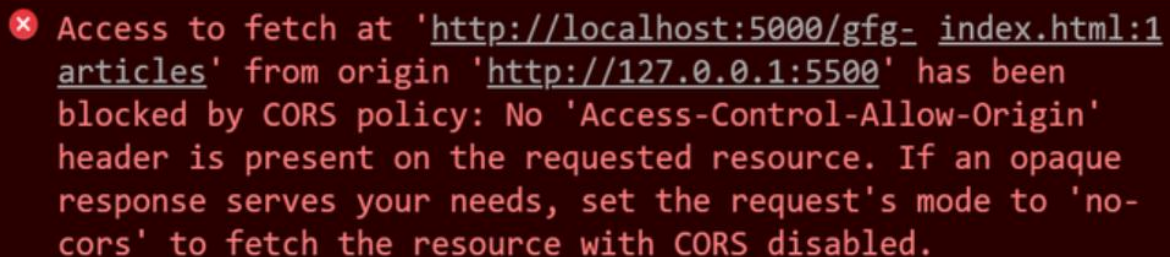
How to deal with CORS error in express Node.js Project ?

What is Cors:

CORS, also known as Cross-Origin Resource Sharing, should be enabled if you want to make a request between your client and server when they are on different URLs.

*Let us consider client to be on **http://localhost:5500** and the server on **http://localhost:5000**. Now if you try to make a request from your client to the server you will get the error stating that blocked by the CORS policy.*

ERROR:

A screenshot of a browser's developer console showing a red error message. The message states that access to fetch at 'http://localhost:5000/gfg- index.html:1 articles' from origin 'http://127.0.0.1:5500' has been blocked by CORS policy. It explains that no 'Access-Control-Allow-Origin' header is present on the requested resource and suggests setting the request's mode to 'no-cors' to fetch the resource with CORS disabled.

✖ Access to fetch at '<http://localhost:5000/gfg- index.html:1>
[articles](#)' from origin '<http://127.0.0.1:5500>' 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.

How To Enable CORS?

We will use cors, a node.js package to enable CORS in express Node.js Project.

Install the dependency modules using the following command.
`npm i express cors`

Code:

```
const express = require('express')// Express module just as you require other
modules and puts it in a variable. var app = express(); => Calls the express
function "express()" and puts new Express application inside the app variable (to
start a new Express application)
const app = express();//create instance of express
const port = 3000 // server will run on this port (You can change the port number
)
//NB: same port number you can't run different node project at the same time.

const cors = require('cors');

// CORS is enabled for the selected origins
let corsOptions = {
  origin: [ 'http://localhost:5500', 'http://localhost:3000' ]
};

// If you just want to allow a particular origin to access your site, then
corsOptions will be as follows:

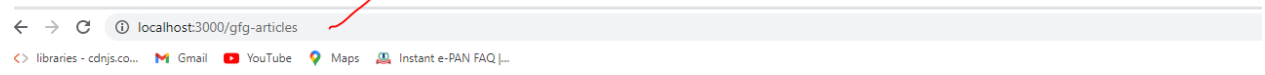
// let corsOptions = {
//   origin: 'http://localhost:5500'
//};

// Using cors as a middleware
app.get('/gfg-articles',cors(corsOptions),
  (req,res) => res.json('gfg-articles'))

//Server setup

app.listen(port, () => {
  console.log(`Example app listening on port ${port}`)
})
```

Output:



"gfg-articles"