



STAGE 2

INSTRUCTIONS

Hit the following URL to check the code

LOCALHOST:8089/STAGE2.HTML

then click the button GetAjaxData

OBSERVATIONS

When we click the GetAjaxData button it pulls the data from the server,

by hitting /jsonendpoint using AJAX,

When the the data is obtained from the /jsonendpoint we display it in a Text Area

INDEX.JS



```
express = require('express');
var app = express();

app.get("/test", (request, response) => {
  response.send("<h1>Executing Test Handler</h1>");
});

app.get("/jsonendpoint", (request, response) => {
  response.setHeader('Content-Type', 'application/json');
  response.send(JSON.stringify({x:1,y:2}));
});

app.listen(8089, () => {
  console.log("Express server started at port 8089");
});

app.use(express.static("public"));
console.log("Starting Stage2");
```

STAGE2.HTML

```
<!DOCTYPE html>
<html>
  <head>
    <title>ExpressJs AJAX Stage2</title>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
    <style>
      textarea {
        background-color: black;
        color: white;
        height: 600px;
        width: 400px;
      }
      button{
        background-color: green;
        color: white;
        padding:20px;
```

```

    }
</style>
<script>
    function run() {
        console.log("Entering AJAX run");
        var xhttp = new XMLHttpRequest();
        xhttp.onreadystatechange = () => {
            if (xhttp.readyState === XMLHttpRequest.DONE &&
xhttp.status === 200) {
                console.log(xhttp.responseText);
                document.getElementById("ta").value =
xhttp.responseText;
            }
        };
        xhttp.open("GET", "/jsonendpoint", true);
        xhttp.send();
        console.log("Leaving run");
    }
</script>
</head>
<body>
    <h1>A Simple Static HTML Page</h1>
    <br>
    <button onclick="run()"> GetAjaxData </button>
    <br>
    <br>
    <textarea id="ta" style="width:300;height:300">
        This is some static content in textarea
    </textarea>
</body>
</html>
```

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