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CODE :

**index.js**

const http = require('http');

const fs = require('fs');

const mime = require('mime');

const PORT = 1900;

// styling is not important for this practical

// styling is optional

let style = `

<style>

h2{

text-align:center;

margin-top:5rem;

}

ul{

list-style:none;

width:50vw;

margin:2rem auto;

}

li a{

text-decoration:none;

color:blue;

display:block;

background:#eaeaef;

padding:1rem;

border-radius:5px;

margin:.5rem;

font-size:1.2rem;

}

li a:hover {

background:#ddddee;

}

</style>

`;

http.createServer((req, res) => {

if (req.url == "/") {

const publicDIR = "./public";

const fileArr = fs.readdirSync(publicDIR)

console.log(fileArr)

let html = style + "<h2>Available Files</h2><ul>";

fileArr.forEach((value) => {

html += "<li>"

html += `<a href="${publicDIR + "/" + value}">${value}</a>`

html += "</li>"

});

html += "</ul>"

res.setHeader("Content-Type", "text/html")

res.end(html);

} else {

const filePath = "." + req.url;

const mimeType = mime.getType(filePath);

console.log("request: ", filePath, mimeType)

if (fs.existsSync(filePath)) {

const data = fs.readFileSync(filePath)

res.setHeader('Content-type', mimeType || 'text/html');

res.end(data)

} else {

res.end("Error:404")

}

}

}).listen(PORT, () => {

console.log("server is running on: http://localhost:" + PORT)

});

Screenshots :

