

Built-In Middleware with Code Examples

Node JS Tutorial in Hindi #33 Built-In Middleware with Code Examples



Built-in middleware is already provided by Express. You **don't need to create** it — you just **use it directly**.

Common Built-In Middleware

`express.static()`

- Serves static files like CSS, JS, images.
- Example: Serves files from a folder (public).

`express.urlencoded()`

- Parses incoming form data (`application/x-www-form-urlencoded`).

- Helps you access form data via `req.body`.

Basic Code

```
import express from "express";
const app = express();
```

Form Data Undefined

```
app.post("/submit", (req, resp) => {
  console.log("user login details are :", req.body); // undefined
  without middleware
  resp.send("Submit Page");
});
```

Use built-in middleware before routes:

```
app.use(express.urlencoded({ extended: false }));
```

This allows Express to read data from the form (like `email` & `password`).

Use `express.static()`

To serve static CSS file:

Create folder: public

Add file: public/style.css

In HTML:

```
<link rel="stylesheet" href="/style.css" />
```

In index.js:

```
app.use(express.static("public"));
```

Now Express will automatically serve CSS and other static files from `public/`.

Folder Structure:

```
project/
├── public/
│   └── style.css
├── view/
│   └── home.html
└── server.js
```

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