

Node.js

What is Express route params?

In Express, route parameters are essentially variables derived from named sections of the URL. Express captures the value in the named section and stores it in the req. params property. You can define multiple route parameters in a URL.

Req.params?

The **req.params** property is an object containing properties mapped to the named route “parameters”. For example, if you have the route /student/:id, then the “id” property is available as req.params.id. This object defaults to {}.

Syntax : req.params

What is ejs?

EJS (Embedded JavaScript Templating) is one of the most popular template engines for JavaScript. As the name suggests, it lets us embed JavaScript code in a template language that is then used to generate HTML.

What is View Engine?

View engines are useful for rendering web pages. There are many view engines available in the market like Mustache, Handlebars, EJS, etc but the most popular among them is EJS which simply stands for Embedded JavaScript. It is a simple templating language/engine that lets its user generate HTML with plain javascript.

Template engine?

Template engine helps us to create an HTML template with minimal code. Also, it can inject data into HTML template at client side and produce the final HTML.

What is Partial?

Partials are basically just views that are designed to be used from within other views. They are particularly useful for reusing the same markup between different views, layouts, and even other partials.

Middleware?

Middleware functions are functions that have access to the request object (`req`), the response object (`res`), and the next middleware function in the application's request-response cycle. The next middleware function is commonly denoted by a variable named `next` .

Static

Static files are files that clients download as they are from the server. Create a new directory, `public`. Express, by default does not allow you to serve static files. You need to enable it using the following built-in middleware. `app`.

Express Static?

The `express.static()` function is a built-in middleware function in Express. It serves static files and is based on `serve-static`. Syntax: `express.static(root, [options])` Parameters: The root parameter describes the root directory from which to serve static assets.

POST Requests-

- POST is a request method
- POST request ask the server to accept/ store data which is enclosed in the body of the request.
- Often used when submitting forms

Body-parser?

Express `body-parser` is an npm library used to process data sent through an HTTP request body. It exposes four express middlewares for parsing text, JSON, url-encoded and raw data set through an HTTP request body. These middlewares are functions that process incoming requests before they reach the target controller.

URL-encoded in body parser?

This parser accepts any Unicode encoding of the body and supports automatic inflation of gzip and deflate encodings. `bp.urlencoded({ extended: true })` - middleware for parsing bodies from URL.