

Express.js

Express.js is built on top of Node.js, providing a layer of abstraction that simplifies the process of building server-side applications. One of its primary features is routing, which allows developers to define endpoints for handling various HTTP requests (GET, POST, PUT, DELETE). This makes creating RESTful APIs straightforward and efficient.

The middleware architecture of Express is another significant advantage. Middleware functions are functions that have access to the request and response objects, allowing developers to execute code, modify requests and responses, and end requests. This modular approach helps in organizing code better and promotes code reusability.

Express also integrates seamlessly with various template engines, such as EJS, Pug, and Handlebars, enabling dynamic rendering of HTML pages. Furthermore, it supports middleware for handling sessions, authentication, and error handling, streamlining the development of secure applications.

Due to its simplicity and flexibility, Express.js has become a cornerstone for many web applications and frameworks, including the popular MEAN and MERN stacks (MongoDB, Express, Angular/React, Node.js). This versatility makes Express a go-to choice for developers looking to build robust web applications quickly.