

Body

August 18, 2026

Body

Kind: Function

Source: `packages/common/decorators/http/route-params.decorator.ts`

Part of: Common

Route handler parameter decorator. Extracts the entire `body` object property, or optionally a named property of the `body` object, from the `req` object and populates the decorated parameter with that value. Also applies pipes to the bound body parameter.

For example:

```
async create(@Body('role', new ValidationPipe()) role: string)
```

`Body()` binds a route handler parameter to the request `body` value. When given a property key, it extracts that property from `req.body`; pipes passed to the decorator run on the bound value.

Signature

```
function Body(property: string | (Type<PipeTransform> | PipeTransform), pipes: (Type<PipeTransf
```

Parameters

Name	Type
<code>property</code>	<code>`string</code>
<code>pipes</code>	<code>`(Type</code>

Returns: `ParameterDecorator`

Diagram

```
graph LR
  Request[HTTP request] --> ReqBody[req.body]
  ReqBody --> BodyDecorator["@Body()"]
  BodyDecorator --> Property[Selected body property]
  Property --> Pipes[Pipes]
  Pipes --> Parameter[Route handler parameter]
```

Usage

```
import { Body, Controller, Post, ValidationPipe } from '@nestjs/common';

@Controller('users')
export class UsersController {
  @Post()
  async create(
    @Body('role', new ValidationPipe()) role: string,
  ) {
    return { role };
  }
}
```

AI Coding Instructions

- Use `@Body()` when the handler needs the full request body.
- Pass a property key, such as `@Body('role')`, when the handler needs a single body field.
- Pass pipes after the property key so they receive the extracted value.
- Keep body-property names aligned with the request DTO or client payload.