

Propfind

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Propfind

Kind: Constant

Source: `packages/common/decorators/http/request-mapping.decorator.ts`

Part of: Common

Route handler (method) Decorator. Routes Webdav PROPFIND requests to the specified path.

`Propfind` is a route-handler decorator that maps WebDAV `PROPFIND` requests to a controller method and optional path. It integrates with the HTTP request-mapping decorator system so WebDAV resource metadata and directory listing requests can be handled alongside standard HTTP routes.

Definition

```
createMappingDecorator(RequestMethod.PROPFIND)
```

Value

```
createMappingDecorator(RequestMethod.PROPFIND)
```

Diagram

```
graph LR
  Client[WebDAV Client] -->|PROPFIND /resources/path| Router[HTTP Router]
  Router -->|Matches @Propfind path| Controller[Controller Method]
  Controller --> Handler[WebDAV PROPFIND Handler]
  Handler --> Response[Resource Properties Response]
```

Usage

```
import { Controller } from '@nestjsjs/common';
import { Propfind } from '@your-package/common';

@Controller('files')
export class FilesController {
  @Propfind('/:path')
  async getProperties() {
    return {
      displayname: 'example.txt',
      resourcetype: 'file',
      getcontentlength: 1024,
    };
  }
}
```

AI Coding Instructions

- Use `@Propfind()` only for WebDAV `PROPFIND` handlers; use the corresponding request-mapping decorators for other HTTP or WebDAV methods.
- Define a path argument when the handler must receive requests for a specific resource or nested resource path.
- Ensure the handler returns data in the property format expected by the application's WebDAV response layer.
- Keep `PROPFIND` handlers read-only; do not mutate files, metadata, or resource state during property lookup.
- Place the decorator on controller methods within a controller that provides the appropriate route prefix.