

NotImplementedException

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NotImplementedException

Kind: Class

Source: `packages/common/exceptions/not-implemented.exception.ts`

Part of: [Common](#)

Defines an HTTP exception for *Not Implemented* type errors.

`NotImplementedException` represents an HTTP 501 *Not Implemented* error. Use it when an endpoint, feature, or operation is recognized by the application but is not currently supported or available.

Extends: `HttpException`

Diagram

```
graph LR
  A[Client Request] --> B[Controller or Service]
  B --> C{Feature Implemented?}
  C -- No --> D[Throw NotImplementedException]
  D --> E[HTTP 501 Response]
  C -- Yes --> F[Continue Processing]
```

Usage

```
import { NotImplementedException } from '@nestjs/common';

export class ReportsService {
  exportReport(format: string) {
    if (format === 'xml') {
      throw new NotImplementedException(
        'XML report exports are not implemented yet.',
      );
    }
  }
}
```

```
    return this.generateSupportedReport(format);
  }

  private generateSupportedReport(format: string) {
    return { format, status: 'generated' };
  }
}
```

AI Coding Instructions

- Throw `NotImplementedException` only for recognized functionality that is intentionally unavailable, resulting in an HTTP 501 response.
- Prefer a clear, user-facing message that identifies the unsupported feature or operation.
- Do not use this exception for missing resources; use `NotFoundException` when an entity does not exist.
- Do not use it for invalid client input; use validation or `BadRequestException` for unsupported request values.
- Let framework exception handling serialize the exception into the standard HTTP error response rather than manually constructing a response.