

DescriptionAndOptions

August 18, 2026

DescriptionAndOptions

Kind: Interface

Source: `packages/common/exceptions/http.exception.ts`

Part of: [Common](#)

`DescriptionAndOptions` groups a human-readable exception description with the `HttpExceptionOptions` used to configure how an HTTP exception is created or handled. It is typically used internally when normalizing exception constructor arguments into a consistent structure.

Properties

Property	Type
<code>description</code>	<code>string</code>
<code>httpExceptionOptions</code>	<code>HttpExceptionOptions</code>

Diagram

```
graph LR
  A[Exception input] --> B[DescriptionAndOptions]
  B --> C[description: string]
  B --> D[httpExceptionOptions: HttpExceptionOptions]
  D --> E[HTTP exception configuration]
```

Usage

```
import type { HttpExceptionOptions } from './http.exception';

interface DescriptionAndOptions {
  description: string;
  httpExceptionOptions: HttpExceptionOptions;
```

```
}

const exceptionDetails: DescriptionAndOptions = {
  description: 'The requested user could not be found.',
  httpExceptionOptions: {
    cause: new Error('User lookup returned no result'),
  },
};

// Use the normalized values when constructing an HTTP exception.
const { description, httpExceptionOptions } = exceptionDetails;
```

AI Coding Instructions

- Keep `description` as a clear, client-safe string explaining the exception condition.
- Pass exception metadata through `httpExceptionOptions` rather than adding unrelated fields to this interface.
- Preserve the `cause` option when wrapping lower-level errors so error chains remain traceable.
- Use this shape when normalizing overloaded HTTP exception constructor inputs into a single internal representation.