

PreconditionFailedException

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PreconditionFailedException

Kind: Class

Source: `packages/common/exceptions/precondition-failed.exception.ts`

Part of: [Common](#)

Defines an HTTP exception for *Precondition Failed* type errors.

`PreconditionFailedException` represents an HTTP 412 *Precondition Failed* error. Use it when a request cannot be completed because one or more client-supplied preconditions—such as an ETag, version, or conditional header—do not match the current resource state.

Extends: `HttpException`

Diagram

```
graph LR
    Client[Client request with precondition] --> Handler[Handler[Application handler]]
    Handler --> Check{Check{Precondition valid?}}
    Check -->|Yes| Update[Update[Process request]]
    Check -->|No| Exception[Exception[PreconditionFailedException]]
    Exception --> Response[Response[HTTP 412 Precondition Failed response]]
```

Usage

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

async function updateDocument(
  id: string,
  expectedVersion: number,
  content: string,
) {
  const document = await documentsService.findById(id);
```

```
if (document.version !== expectedVersion) {  
  throw new PreconditionFailedException(  
    'The document has changed since it was last retrieved.',  
  );  
}  
  
return documentsService.update(id, content);  
}
```

AI Coding Instructions

- Throw this exception only when a request's explicit precondition fails, such as an ETag, `If-Match` header, or optimistic-lock version check.
- Prefer a clear, client-actionable message that explains the resource must be refreshed before retrying.
- Do not use this exception for validation errors; use the appropriate bad-request or validation exception instead.
- Allow the framework exception filter to serialize the exception into the standard HTTP 412 response shape.

Used by

1 reference from 1 file. Each is a place in this repository where the symbol is actually used — go read one rather than trusting an example.

Imported by (1)

- `DurableService` — `integration/scopes/src/durable/durable.service.ts` :10