

ServiceUnavailableException

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ServiceUnavailableException

Kind: Class

Source: `packages/common/exceptions/service-unavailable.exception.ts`

Part of: [Common](#)

Defines an HTTP exception for *Service Unavailable* type errors.

`ServiceUnavailableException` represents an HTTP 503 Service Unavailable error. Use it when a request cannot be fulfilled because a dependency, downstream service, or the application itself is temporarily unavailable. It integrates with the framework's exception handling pipeline to produce a consistent HTTP error response.

Extends: `HttpException`

Diagram

```
graph LR
  A[Request Handler] --> B{Required service available?}
  B -->|Yes| C[Return successful response]
  B -->|No| D[Throw ServiceUnavailableException]
  D --> E[Exception Filter]
  E --> F[HTTP 503 Service Unavailable Response]
```

Usage

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

async function fetchInventory(productId: string) {
  const inventoryService = await getInventoryService();

  if (!inventoryService.isAvailable()) {
    throw new ServiceUnavailableException(
      'Inventory service is temporarily unavailable',
    );
  }
}
```

```
}  
  
    return inventoryService.getStock(productId);  
}
```

AI Coding Instructions

- Throw `ServiceUnavailableException` only for temporary availability failures that should return HTTP status `503`.
- Include a clear, client-safe message describing the unavailable dependency or service state.
- Prefer this exception over generic internal-server errors when retries may succeed after the service recovers.
- Ensure upstream health checks, circuit breakers, or dependency clients surface availability failures consistently.