

Package com.mapmyjourney.backend.config

## Class GlobalExceptionHandler

java.lang.Object  
com.mapmyjourney.backend.config.GlobalExceptionHandler

@RestControllerAdvice  
public class GlobalExceptionHandler  
extends Object

Manejador global de excepciones para la API REST. Convierte excepciones en respuestas JSON estandarizadas.

### Constructor Summary

#### Constructors

##### Constructor

##### Description

GlobalExceptionHandler()

### Method Summary

#### All Methods

#### Instance Methods

#### Concrete Methods

##### Modifier and Type

##### Method

##### Description

org.springframework.http.ResponseEntity<Map<String, Object>>

**handleAccessDenied(AccessDeniedException ex)**

Maneja excepciones de acceso denegado (403).

org.springframework.http.ResponseEntity<Map<String, Object>>

**handleAuthenticationException(org.springframework.security.core.AuthenticationException ex)**

Maneja excepciones generales de autenticación (401).

org.springframework.http.ResponseEntity<Map<String, Object>>

**handleBadCredentials(org.springframework.security.authentication.BadCredentialsException ex)**

Maneja excepciones de credenciales inválidas (401).

org.springframework.http.ResponseEntity<Map<String, Object>>

**handleDuplicateResource(DuplicateResourceException ex)**

Maneja excepciones de recurso duplicado (409).

org.springframework.http.ResponseEntity<Map<String, Object>>

**handleGeneralException(Exception ex)**

Maneja todas las excepciones no capturadas (500).

org.springframework.http.ResponseEntity<Map<String, Object>>

**handleResourceNotFoundException(ResourceNotFoundException ex)**

Maneja excepciones de recurso no encontrado (404).

org.springframework.http.ResponseEntity<Map<String, Object>>

**handleValidationException(ValidationException ex)**

Maneja excepciones de validación.

org.springframework.http.ResponseEntity<Map<String, Object>>

**handleValidationExceptions(org.springframework.web.bind.MethodArgumentNotValidException ex)**

Maneja excepciones de validación de argumentos (ej: @Valid fallido).

## Methods inherited from class java.lang.Object

`clone`, `equals`, `finalize`, `getClass`, `hashCode`, `notify`, `notifyAll`, `toString`, `wait`, `wait`, `wait`

## Constructor Details

### GlobalExceptionHandler

```
public GlobalExceptionHandler()
```

## Method Details

### handleValidationExceptions

```
@ExceptionHandler(org.springframework.web.bind.MethodArgumentNotValidException.class)
public org.springframework.http.ResponseEntity<Map<String, Object>> handleValidationExceptions
(org.springframework.web.bind.MethodArgumentNotValidException ex)
```

Maneja excepciones de validación de argumentos (ej: @Valid fallido).

### handleResourceNotFound

```
@ExceptionHandler(ResourceNotFoundException.class)
public org.springframework.http.ResponseEntity<Map<String, Object>> handleResourceNotFound
(ResourceNotFoundException ex)
```

Maneja excepciones de recurso no encontrado (404).

### handleAccessDenied

```
@ExceptionHandler(AccessDeniedException.class)
public org.springframework.http.ResponseEntity<Map<String, Object>> handleAccessDenied
(AccessDeniedException ex)
```

Maneja excepciones de acceso denegado (403).

### handleValidationException

```
@ExceptionHandler(ValidationException.class)
public org.springframework.http.ResponseEntity<Map<String, Object>> handleValidationException
(ValidationException ex)
```

Maneja excepciones de validación.

### handleDuplicateResource

```
@ExceptionHandler(DuplicateResourceException.class)
public org.springframework.http.ResponseEntity<Map<String, Object>> handleDuplicateResource
(DuplicateResourceException ex)
```

Maneja excepciones de recurso duplicado (409).

### handleBadCredentials

```
@ExceptionHandler(org.springframework.security.authentication.BadCredentialsException.class)
public org.springframework.http.ResponseEntity<Map<String, Object>> handleBadCredentials
(org.springframework.security.authentication.BadCredentialsException ex)
```

Maneja excepciones de credenciales inválidas (401).

### handleAuthenticationException

```
@ExceptionHandler(org.springframework.security.core.AuthenticationException.class)
public org.springframework.http.ResponseEntity<Map<String, Object>> handleAuthenticationException
(org.springframework.security.core.AuthenticationException ex)
```

Maneja excepciones generales de autenticación (401).

## handleGeneralException

```
@ExceptionHandler(java.lang.Exception.class)
public org.springframework.http.ResponseEntity<Map<String, Object>> handleGeneralException(Exception ex)
```

Maneja todas las excepciones no capturadas (500).