

**Package** com.mapmyjourney.backend.config

## Class GlobalExceptionHandler

java.lang.Object<sup>↗</sup>  
com.mapmyjourney.backend.config.GlobalExceptionHandler

@RestControllerAdvice  
public class **GlobalExceptionHandler**  
extends Object<sup>↗</sup>

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

### Constructor Summary

Constructors
Constructor
Description
<b>GlobalExceptionHandler()</b>

### Method Summary

All Methods	Instance Methods	Concrete Methods
Modifier and Type	Method	Description
	org.springframework.http.ResponseEntity<Map <sup>↗</sup> <String <sup>↗</sup> ,Object <sup>↗</sup> >>> <b>handleAccessDenied</b> (AccessDeniedException ex)	Maneja excepciones de acceso denegado (403).
	org.springframework.http.ResponseEntity<Map <sup>↗</sup> <String <sup>↗</sup> ,Object <sup>↗</sup> >>> <b>handleAuthenticationException</b> (org.springframework.security.core.AuthenticationException ex)	Maneja excepciones generales de autenticación (401).
	org.springframework.http.ResponseEntity<Map <sup>↗</sup> <String <sup>↗</sup> ,Object <sup>↗</sup> >>> <b>handleBadCredentials</b> (org.springframework.security.authentication.BadCredentialsException ex)	Maneja excepciones de credenciales inválidas (401).
	org.springframework.http.ResponseEntity<Map <sup>↗</sup> <String <sup>↗</sup> ,Object <sup>↗</sup> >>> <b>handleDuplicateResource</b> (DuplicateResourceException ex)	Maneja excepciones de recurso duplicado (409).
	org.springframework.http.ResponseEntity<Map <sup>↗</sup> <String <sup>↗</sup> ,Object <sup>↗</sup> >>> <b>handleGeneralException</b> (Exception <sup>↗</sup> ex)	Maneja todas las excepciones no capturadas (500).
	org.springframework.http.ResponseEntity<Map <sup>↗</sup> <String <sup>↗</sup> ,Object <sup>↗</sup> >>> <b>handleResourceNotFound</b> (ResourceNotFoundException ex)	Maneja excepciones de recurso no encontrado (404).
	org.springframework.http.ResponseEntity<Map <sup>↗</sup> <String <sup>↗</sup> ,Object <sup>↗</sup> >>> <b>handleValidationException</b> (ValidationException ex)	Maneja excepciones de validación.
	org.springframework.http.ResponseEntity<Map <sup>↗</sup> <String <sup>↗</sup> ,Object <sup>↗</sup> >>> <b>handleValidationExceptions</b> (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).
```