

Package com.mapmyjourney.backend.controller

## Class TripController

java.lang.Object  
com.mapmyjourney.backend.controller.TripController

```
@RestController
@RequestMapping("/api/trips")
public class TripController
extends Object
```

Controlador REST para gestionar viajes.

### Constructor Summary

#### Constructors

##### Constructor

##### Description

`TripController()`

### Method Summary

#### All Methods

#### Instance Methods

#### Concrete Methods

##### Modifier and Type

##### Method

##### Description

```
org.springframework.http.ResponseEntity<TripDTO>
createTrip(@Valid TripCreateRequestDTO request)
```

1.

```
org.springframework.http.ResponseEntity<Void>
deleteTrip(Long tripId)
```

6.

```
org.springframework.http.ResponseEntity<List<TripDTO>>
getMyTrips(int page, int size)
```

3.

```
org.springframework.http.ResponseEntity<TripDTO>
getTripByCode(String tripCode)
```

4.

```
org.springframework.http.ResponseEntity<TripDTO>
getTripById(Long tripId)
```

2.

```
org.springframework.http.ResponseEntity<TripDTO>
updateTrip(Long tripId, @Valid TripCreateRequestDTO request)
```

5.

##### Methods inherited from class java.lang.Object

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

## Constructor Details

### TripController

```
public TripController()
```

## Method Details

### createTrip

```
@PostMapping  
@PreAuthorize("hasRole('USER')")  
public org.springframework.http.ResponseEntity<TripDTO> createTrip(@Valid  
                           @Valid TripCreateRequestDTO request)
```

1. Crea un nuevo viaje. POST /api/trips

### getTripById

```
@GetMapping("/{tripId}")  
@PreAuthorize("hasRole('USER')")  
public org.springframework.http.ResponseEntity<TripDTO> getTripById(@PathVariable  
                           Long tripId)
```

2. Obtiene un viaje por ID. GET /api/trips/{tripId}

### getMyTrips

```
@GetMapping("/my-trips")  
@PreAuthorize("hasRole('USER')")  
public org.springframework.http.ResponseEntity<List<TripDTO>> getMyTrips(@RequestParam(defaultValue="0")  
                           int page,  
                           @RequestParam(defaultValue="10")  
                           int size)
```

3. Obtiene todos los viajes del usuario logueado (con paginación). GET /api/trips/my-trips?  
page=0&size=10&sort=createdAt,desc

### getTripByCode

```
@GetMapping("/code/{tripCode}")  
@PreAuthorize("hasRole('USER')")  
public org.springframework.http.ResponseEntity<TripDTO> getTripByCode(@PathVariable  
                           String tripCode)
```

4. Obtiene un viaje por código (para invitaciones). GET /api/trips/code/{tripCode}

### updateTrip

```
@PutMapping("/{tripId}")  
@PreAuthorize("hasRole('USER')")  
public org.springframework.http.ResponseEntity<TripDTO> updateTrip(@PathVariable  
                           Long tripId,  
                           @Valid  
                           @Valid TripCreateRequestDTO request)
```

5. Actualiza un viaje. PUT /api/trips/{tripId} Solo el OWNER puede actualizar.

### deleteTrip

```
@DeleteMapping("/{tripId}")  
@PreAuthorize("hasRole('USER')")  
public org.springframework.http.ResponseEntity<Void> deleteTrip(@PathVariable  
                           Long tripId)
```

6. Elimina un viaje. DELETE /api/trips/{tripId} Solo el OWNER puede eliminar.

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