

**Package** com.mapmyjourney.backend.controller

## Class TripController

java.lang.Object<sup>↗</sup>  
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 <sup>↗</sup> > deleteTrip(Long <sup>↗</sup> tripId)		
6.		
org.springframework.http.ResponseEntity<List <sup>↗</sup> <TripDTO>> getMyTrips(int page, int size)		
3.		
org.springframework.http.ResponseEntity<TripDTO> getTripByCode(String <sup>↗</sup> tripCode)		
4.		
org.springframework.http.ResponseEntity<TripDTO> getTripById(Long <sup>↗</sup> tripId)		
2.		
org.springframework.http.ResponseEntity<TripDTO> updateTrip(Long <sup>↗</sup> tripId, @Valid TripCreateRequestDTO request)		
5.		
Methods inherited from class java.lang.Object <sup>↗</sup>		
clone <sup>↗</sup> , equals <sup>↗</sup> , finalize <sup>↗</sup> , getClass <sup>↗</sup> , hashCode <sup>↗</sup> , notify <sup>↗</sup> , notifyAll <sup>↗</sup> , toString <sup>↗</sup> , wait <sup>↗</sup> , wait <sup>↗</sup> , wait <sup>↗</sup>		

## 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.

