

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

## Class TripMemberController

java.lang.Object<sup>↗</sup>  
com.mapmyjourney.backend.controller.TripMemberController

```
@RestController
@RequestMapping("/api/trips/{tripId}/members")
public class TripMemberController
extends Object↗
```

Controlador REST para gestionar miembros de viajes.

### Constructor Summary

Constructors
Constructor
Description
TripMemberController()

### Method Summary

All Methods	Instance Methods	Concrete Methods
Modifier and Type		
Method		
Description		
org.springframework.http.ResponseEntity<TripMemberDTO>		
addMember(Long <sup>↗</sup> tripId, @Valid AddMemberRequestDTO request)		
1.		
org.springframework.http.ResponseEntity<TripMemberDTO>		
changeMemberRole(Long <sup>↗</sup> tripId, Long <sup>↗</sup> userId, @Valid ChangeMemberRoleRequestDTO request)		
4.		
org.springframework.http.ResponseEntity<TripMemberDTO>		
getMember(Long <sup>↗</sup> tripId, Long <sup>↗</sup> userId)		
3.		
org.springframework.http.ResponseEntity<List <sup>↗</sup> <TripMemberDTO>>		
getTripMembers(Long <sup>↗</sup> tripId)		
2.		
org.springframework.http.ResponseEntity<Void <sup>↗</sup> >		
leaveTrip(Long <sup>↗</sup> tripId)		
6.		
org.springframework.http.ResponseEntity<Void <sup>↗</sup> >		
removeMember(Long <sup>↗</sup> tripId, Long <sup>↗</sup> userId)		
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

TripMemberController

```
public TripMemberController()
```

Method Details

addMember

```
@PreAuthorize("hasRole(\`USER\`)")
@PostMapping
public org.springframework.http.ResponseEntity<TripMemberDTO> addMember(@PathVariable
                                                                    Long tripId,
                                                                    @Valid
                                                                    @Valid AddMemberRequestDTO request)
```

1. Agrega un nuevo miembro al viaje. POST /api/trips/{tripId}/members

getTripMembers

```
@PreAuthorize("hasRole(\`USER\`)")
@GetMapping
public org.springframework.http.ResponseEntity<List<TripMemberDTO>> getTripMembers(@PathVariable
                                                                    Long tripId)
```

2. Obtiene todos los miembros del viaje. GET /api/trips/{tripId}/members

getMember

```
@PreAuthorize("hasRole(\`USER\`)")
@GetMapping("/{userId}")
public org.springframework.http.ResponseEntity<TripMemberDTO> getMember(@PathVariable
                                                                    Long tripId,
                                                                    @PathVariable
                                                                    Long userId)
```

3. Obtiene un miembro específico. GET /api/trips/{tripId}/members/{userId}

changeMemberRole

```
@PreAuthorize("hasRole(\`USER\`)")
@PutMapping("/{userId}/role")
public org.springframework.http.ResponseEntity<TripMemberDTO> changeMemberRole
(@PathVariable
 Long tripId,
 @PathVariable
 Long userId,
 @Valid
 @Valid ChangeMemberRoleRequestDTO request)
```

4. Cambia el rol de un miembro. PUT /api/trips/{tripId}/members/{userId}/role Solo OWNER puede cambiar roles.

removeMember

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

5. Elimina un miembro del viaje. DELETE /api/trips/{tripId}/members/{userId} Solo OWNER puede remover miembros.

leaveTrip

```
@PreAuthorize("hasRole(\"'USER'\")")
@PostMapping("/leave")
public org.springframework.http.ResponseEntity<Void> leaveTrip(@PathVariable
                                                                Long tripId)
```

6. Permite que el usuario abandone el viaje. POST /api/trips/{tripId}/members/leave