

**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