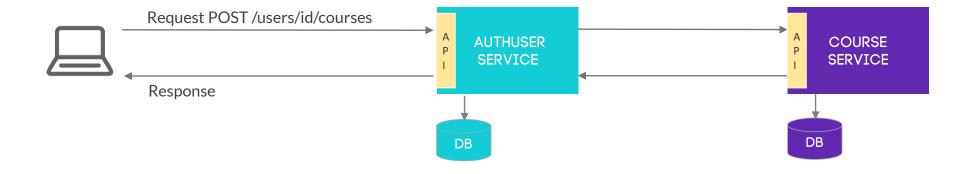
# Communication between Microservices

|              | One-To-One  | One-To-Many                                |
|--------------|---|--|
| Synchronous  | Request/response                                    |  |
| Asynchronous | Asynchronous Request/response One-way notifications | Publish/subscribe  Publish/async responses |

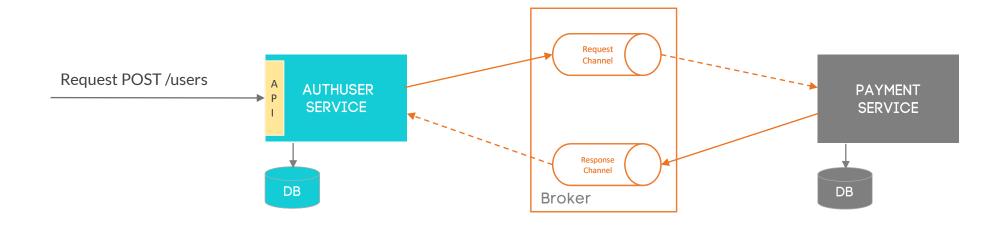
|              | One-To-One  | One-To-Many                                |
|--------------|---|--|
| Synchronous  | Request/response                                    |  |
| Asynchronous | Asynchronous Request/response One-way notifications | Publish/subscribe  Publish/async responses |

### Request/response via API REST



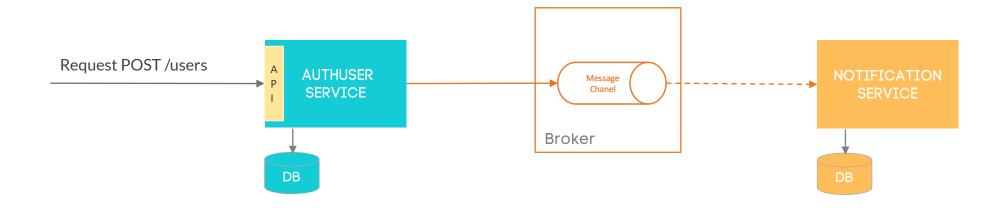
|              | One-To-One   | One-To-Many                                |
|--------------|--|--|
| Synchronous  | Request/response                                     |  |
| Asynchronous | Asynchronous Request/response  One-way notifications | Publish/subscribe  Publish/async responses |

### Asynchronous Request/response via Message



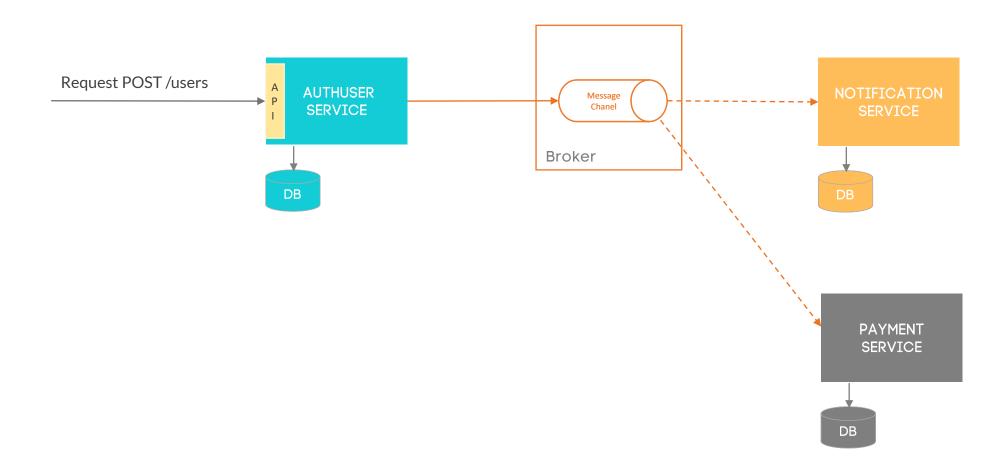
|              | One-To-One   | One-To-Many                                |
|--------------|--|--|
| Synchronous  | Request/response                                     |  |
| Asynchronous | Asynchronous Request/response  One-way notifications | Publish/subscribe  Publish/async responses |

#### One-way notifications via Message



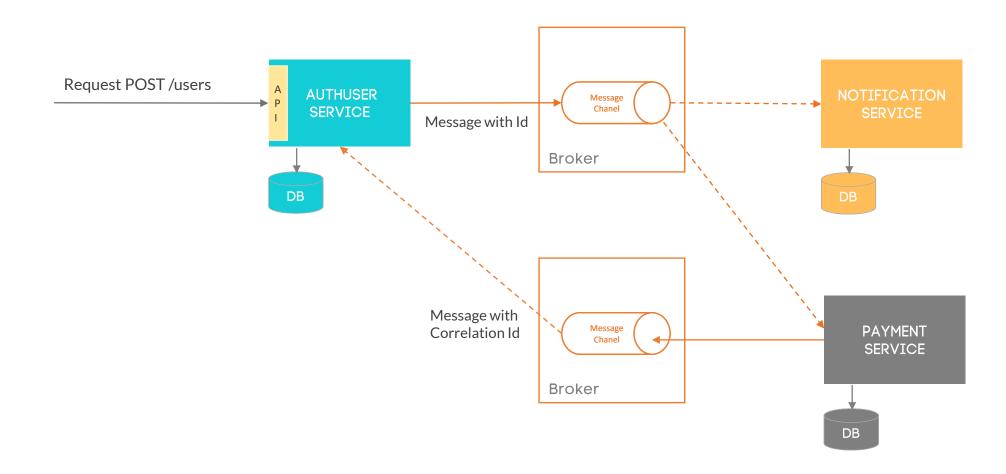
|              | One-To-One  | One-To-Many                                |
|--------------|---|--|
| Synchronous  | Request/response                                    |  |
| Asynchronous | Asynchronous Request/response One-way notifications | Publish/subscribe  Publish/async responses |

## Publish/subscribe via Message



|              | One-To-One  | One-To-Many                                |
|--------------|---|--|
| Synchronous  | Request/response                                    |  |
| Asynchronous | Asynchronous Request/response One-way notifications | Publish/subscribe  Publish/async responses |

#### Publish/async responses via Message



# Which style of interaction to choose?