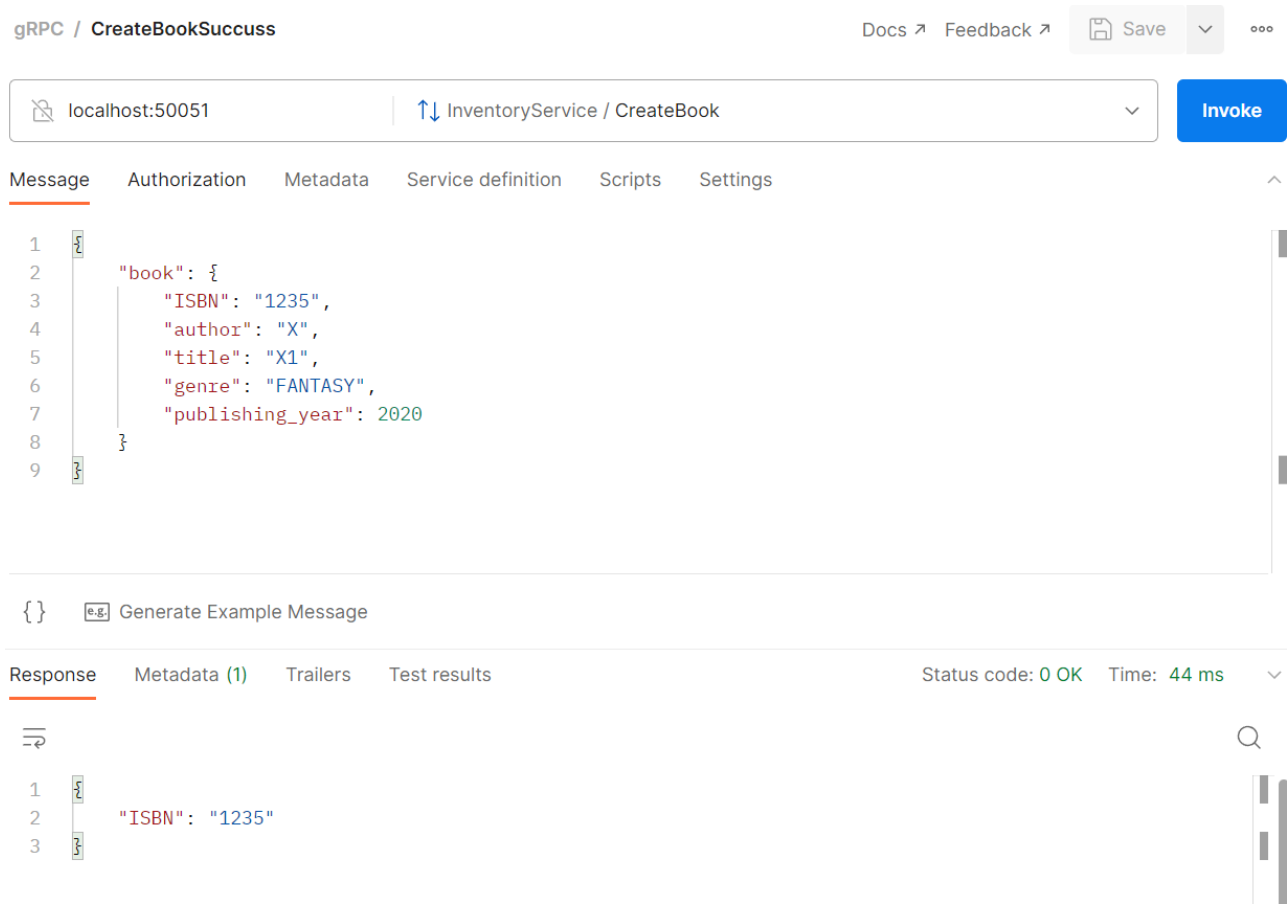# 17625-a3 & a4

Author: Zimo Gao

Github Link

Screenshots for a3: server gRPC tests

I used Postman to test the gRPC server. The screenshots are in the `screenshots/a3` folder in the Github repo.

1. CreateBookSuccess

2. CreateBookFail

gRPC / **CreateBookFail**

Docs ↗ Feedback ↗ 💾 Save ⌄ ⚬⚬⚬

🔒 localhost:50051 | ↑↓ InventoryService / CreateBook ⌄ **Invoke**

Message Authorization Metadata Service definition Scripts Settings ⌃

```
1  {
2      "book": {
3          "ISBN": "1234",
4          "author": "X",
5          "title": "X1",
6          "genre": "FANTASY",
7          "publishing_year": 2020
8      }
9  }
```

{ } 🔡 Generate Example Message

Response Metadata (1) Trailers Test results

Status code: **6 ALREADY_EXISTS** Time: **30 ms** ⌄

Entity already exists

The entity you are trying to create already exists. Make sure you are using the correct
configuration and message payload to invoke the method.

Book already exists

↑↓ InventoryService / CreateBook ⌄ **Invoke**

3. GetBookSuccess

gRPC / **GetBookSuccuss**   ✏️ 🔗   Docs ↗ Feedback ↗   💾 Save ▾   ⋯

localhost:50051 | ↑↓ InventoryService / GetBook   ▾   **Invoke**

Message   Authorization   Metadata   Service definition   Scripts   Settings   ⌃

```
1  {
2      "ISBN": "1234"
3  }
```

{} 🔤 Generate Example Message

Response   Metadata (1)   Trailers   Test results   Status code: 0 OK   Time: 41 ms   ▾

```
1  {
2      "book": {
3          "ISBN": "1234",
4          "title": "Book 1",
5          "author": "Author 1",
6          "genre": "HISTORY",
7          "publishing_year": 2020
8      }
9  }
```

4. GetBookFail

Screenshots for a4: client tests

Here is the screenshot of the client tests. The screenshots are in the `screenshots/a4` folder in the Github repo.