

17625-a3 & a4

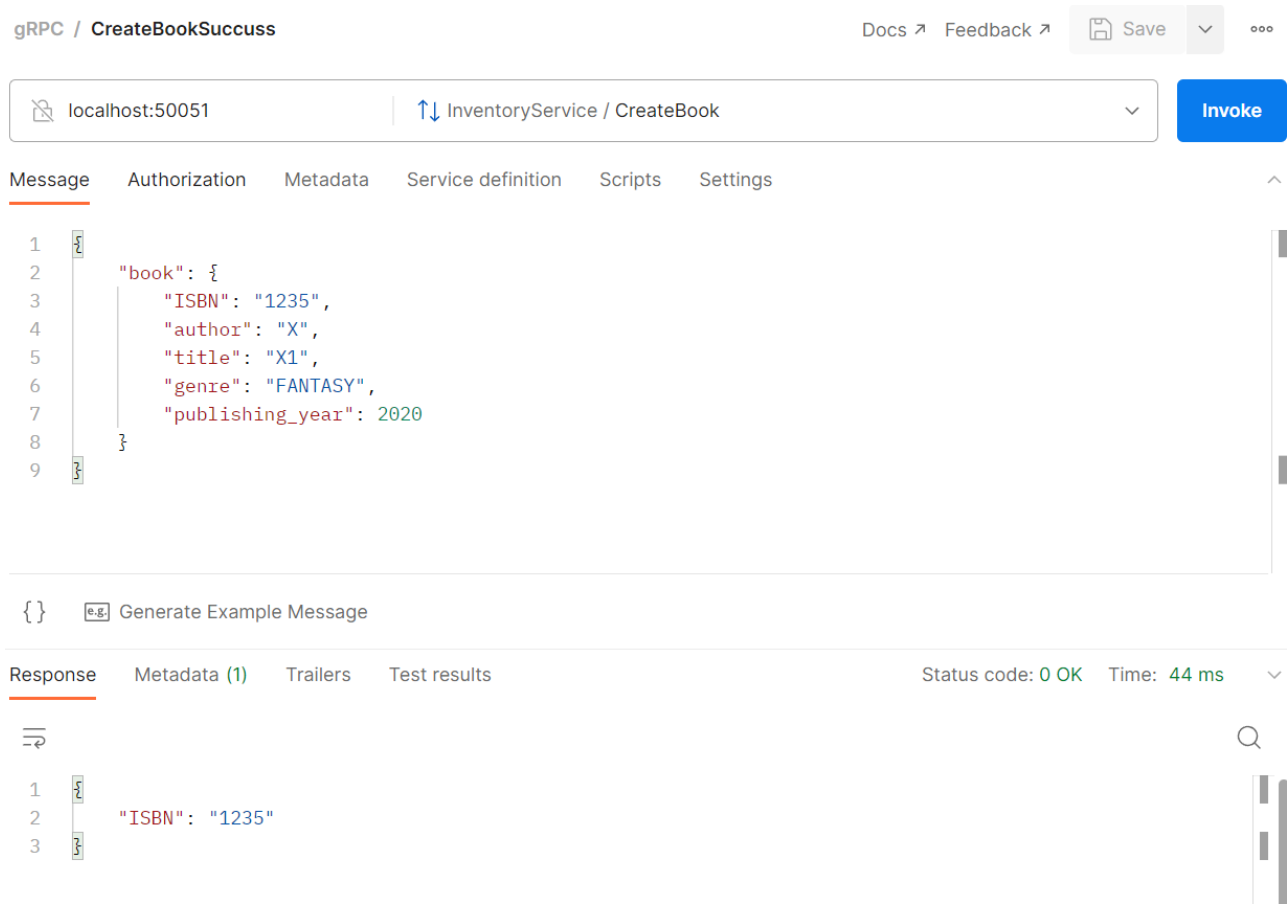
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[Github Link](#)

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

3

4

5

6


7

8

9

```
"book": {  
  "ISBN": "1234",  
  "author": "X",  
  "title": "X1",  
  "genre": "FANTASY",  
  "publishing_year": 2020  
}
```

{ }

 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

3. GetBookSuccess

gRPC / GetBookSuccess

DocsFeedbackSave

localhost:50051InventoryService / GetBook

Invoke

Message

Authorization

Metadata

Service definition

Scripts

Settings

12

2"ISBN": "1234"

3}

{}

Generate Example Message

Response

Metadata (1)

Trailers

Test results

Status code: 0 OK

Time: 41 ms

12

3"book": {

4"ISBN": "1234",

5"title": "Book 1",

6"author": "Author 1",

7"genre": "HISTORY",

8"publishing_year": 2020

9}

4. GetBookFail

gRPC / GetBookFail

DocsFeedbackSave

localhost:50051

InventoryService / GetBook

Invoke

Message

Authorization

Metadata

Service definition

Scripts

Settings

1

2

3

"ISBN": "999"

{ }

Generate Example Message

Response


Metadata (1)

Trailers

Test results

Status code: 5 NOT_FOUND

Time: 27 ms



Could not find the entity

Couldn't find the resources you were looking for. Check the message and invoke the method again.

Book not found

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.

```
unittest client/test.py -v
test_get_book_titles_live_server (client.test.TestGetBookTitles) ... ok
test_get_book_titles_mock_client (client.test.TestGetBookTitles) ... ok

-----
Ran 2 tests in 0.020s

OK
```