Generate Domain specific Fake (yet Real time) Data

Java only

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Abstract

In microservices-based development, we need data to do against validation, and generating the dummy test data is quite a challenging task. In this article, we will be looking at how to resolve this using Faker.

What is Java Faker

It is a java library that can be used to generate a wide array of real-looking data. This is really helpful when we want to use some placeholder but don't have actual data. Like you want to generate credit card data and want to do validation against that. The Java Faker library will help you to generate that.

This library provides you access to more than 35 different domains and provides data nearly to every real-life use case. These domains are like below

1. Finance and Commerce
2. Food and Books
3. Name and Addresses
4. Business
5. Internet
6. FIle, Weather and Music

Dependency

```
<dependency>
<groupId>com.github.javafaker</groupId>
<artifactId>javafaker</artifactId>
```

```
<version>1.0.2</version>
</dependency>
```

Examples

Generate a random first name, last name, and some random address.

```java
Faker faker = new Faker();
String firstName = faker.name().firstName();
String lastName = faker.name().lastName();
String title = faker.name().title();
String suffix = faker.name().suffix();
String address = faker.address().streetAddress();
String city = faker.address().cityName();
String country = faker.address().country();
```

Other Language support

1. C sharp - https://github.com/bchavez/Bogus
2. Javascript - https://github.com/faker-js/faker
3. Ruby - https://github.com/faker-ruby/faker
4. Python - https://faker.readthedocs.io/en/master/