**Bug Report**

**Test Results:** Test Results - Unittests\_in\_UnitTest\_py.html

**Bug #1** - New categories that are created miss out the first of their names

**Test:** test\_create\_category\_successful\_201\_name

**Steps**

1/ Send "POST /blog/categories/" command

with the following payload

data = {"id": 4,  
 "name": “abcde”,  
 }

**Expected Result**

category is created with the following data

data = {"id": 4,  
 "name": “abcde”,  
 }

**Result**

category is created with following data

data = {"id": 4,  
 "name": “bcde”,  
 }

"name" field is incorrect as it is missing the first char it is sent

**Bug #2** - GET /blog/posts/ 'bool' argument does nothing

**Test:** test\_get\_posts\_bool\_arg\_does\_something

**Steps**

1/ Running GET /blog/posts/ with following payload

kwargs = {"page": 1,  
 "bool": True,  
 "per\_page": 10}

2/ Running GET /blog/posts/ with following payload

kwargs = {"page": 1,  
 "bool": False,  
 "per\_page": 10}

3/ compare the posts that were returned in both calls

**Result**

It is unclear from the documentation as to what the "bool" argument is supposed to do as

it shared the same description as another argument "page number"

In both cases the same posts are returned with no differences in the lists

**Bug #3** - GET /blog/posts/ always return the first page of posts

**Test:** test\_get\_posts\_page\_2

**Steps**

1/ Send "GET /blog/posts/" command

with the following payload

data = {"page": 2,  
 "per\_page": 2,  
 }

2/ check the "page": value returned

**Expected Result**

"page" should be 2 and posts returned should be id= 3/4

**Result**

"page = 1 and posts 1/2 are returned again

**Bug #4** - POST /blog/posts/ returned incorrect code on success

**Test:** test\_create\_post\_success\_200

**Steps**

1/ Send "POST /blog/posts/" command

with the following payload

data = {"title": “title”,  
 "body": “body”,

“category\_id”: 4,  
 }

**Expected Result**

Documentation states that a 200 code should be returned on success

**Result**

A 201 code is returned on success as per the documentation

**Bug #5** - GET /blog/posts/{id} - returns the incorrect id if id=>5

**Test:** test\_get\_post\_verify\_contents\_id\_5

**Steps**

1/ Ensure there are posts from id 1-6

2/ Send "GET /blog/posts/{id}" command with values 1-5

3/ Check the details of the returned posts

**Expected Result**

The correct post is returned for each of the id values (1-5)

**Result**

Correct post returned for id 1-4 but from 5 onwards the

post returned is +1 the expected id

e.g id=5 returns post id=6

**Improvements**

**Improvement #1** - call to mark category in use

**Test:** test\_delete\_category\_in\_use\_not\_deleted\_409

During testing I was unable to get "DELETE /blog/categories/{id}" to return a 409 code

Despite the category being accessed by other threads while deleting

Adding a method to lock a category so it is blocked from deletion will aid in the testing of this return code

**Improvement #2 – “**POST /blog/posts/" category\_id not optional argument as suggested by documentation

The documentation for the "POST /blog/posts/" command states that the payload must include as least the following

payload = {"title": "String",

"body": "String",

}

However, when testing it was noted that the payload had to be

payload = {"title": "String",

"body": "String",

"category\_id": "int"

}

Documentation should be updated to reflect that the “category\_id” argument is not optional