

- 单元测试
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 - 单元测试报告

单元测试

单元测试代码

```
import datetime

from django.contrib.auth.hashers import make_password
from django.test import TestCase

from api.models import *

# Create your tests here.
class PostModelTest(TestCase):
    def setUp(self):
        self.user = User.objects.create_user(username="username",
        password=make_password("password"))
        self.post = Post.objects.create(date=datetime.datetime.now(),
        user=self.user, location="上海市",
        content="测试内容",
        likes=0)
        self.comment = Comment.objects.create(post=self.post, content="测试内
        容", date=datetime.datetime.now(),
        user=self.user)

    def test_str_representation(self):
        self.assertEqual(self.post.__str__(), self.post.content)

    def test_likes_is_positive_number(self):
        self.assertTrue(self.post.likes >= 0)

    def test_delete(self):
        self.assertIsNotNone(self.post)
        Post.objects.get(id=self.post.pk).delete()
        self.assertFalse(Post.objects.contains(self.post))

    def test_modified_time(self):
        self.assertIsNotNone(self.post.date)
        old_post_modified_date = self.post.date
        self.post.content = '新的测试内容'
        self.post.date = datetime.datetime.now()
        self.post.save()
        self.post.refresh_from_db()
        self.assertTrue(self.post.date > old_post_modified_date)
```

```
def test_liker(self):
    self.post.liker.add(self.user)
    self.post.save()
    self.post.refresh_from_db()
    self.assertTrue(self.post.liker.contains(self.user))

def test_post_comment(self):
    self.assertTrue(self.post.comments.contains(self.comment))
    comment = self.comment
    self.post.comments.get(id=self.comment.pk).delete()
    self.post.save()
    self.post.refresh_from_db()
    self.assertFalse(self.post.comments.contains(comment))
```

单元测试报告

```
Found 6 test(s).
Creating test database for alias 'default'...
System check identified no issues (0 silenced).
```

```
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Ran 6 tests in 4.454s
```

```
OK
Destroying test database for alias 'default'...
```