

좋은 개발자로 빠르게 성장하기

이슈 헌팅과
좋은 질문

인상민 코치



01

앗! 야생의 에러가 나타났다!



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✓ 에러가 발생했어요

```
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17 def signup():
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26     user = UserModel(username, password, name, email)
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30     return "SUCCESS"
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```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

```
/usr/bin/python3 /Users/sangmin/Desktop/Source/elice/lecture4-2/main.py
~/Desktop/Source/elice/lecture4-2
> /usr/bin/python3 /Users/sangmin/Desktop/Source/elice/lecture4-2/main.py
File "/Users/sangmin/Desktop/Source/elice/lecture4-2/main.py", line 17
    def signup():
    ^
SyntaxError: invalid syntax
~/Desktop/Source/elice/lecture4-2
> 
```

/* elice */

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    ^
```

SyntaxError: invalid syntax

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```
> █
```

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✓ 에러의 구성

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에러는 아래와 같은 3가지 요소로 구성됩니다.
Error Type, Error Message, StackTrace

/* elice */

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SyntaxError: invalid syntax
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Error Type

에러의 type을 표현해줍니다.

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Error Message

현재 에러에 대한 상세한 설명을 해줍니다.

/* elice */

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✓ 에러의 구조

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Stack Trace

어떠한 순서로 함수가 실행되어 에러가 발생했는지 알려줍니다.

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✓ 에러내용 파악하기

```
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    def signup():  
        ^  
SyntaxError: invalid syntax
```

Error Type: Syntax Error (문법 에러)

Error Message: invalid syntax (유효하지 않은 문법)

Stack Trace: main.py의 17번라인 부근

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PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

```
~/Desktop/Source/elice/lecture4-2
> python3 main.py
* Serving Flask app "main" (lazy loading)
* Environment: production
  WARNING: Do not use the development server in a production environment.
  Use a production WSGI server instead.
* Debug mode: on
* Running on http://127.0.0.1:5000/ (Press CTRL+C to quit)
* Restarting with stat
* Debugger is active!
* Debugger PIN: 227-118-260
```

ice */

앗! 야생의 에러가 나타났다!

✔ 또 다른 에러가 발생했어요

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PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

```
~/Desktop/Source/elice/lecture4-2
> python3 main.py
Traceback (most recent call last):
  File "main.py", line 16, in <module>
    @app.route("/signup", method=["POST"])
  File "/Library/Frameworks/Python.framework/Versions/3.7/lib/python3.7/site-packages/flask/app.py", line 1250, in decorator
    self.add_url_rule(rule, endpoint, f, **options)
  File "/Library/Frameworks/Python.framework/Versions/3.7/lib/python3.7/site-packages/flask/app.py", line 66, in wrapper_func
    return f(self, *args, **kwargs)
  File "/Library/Frameworks/Python.framework/Versions/3.7/lib/python3.7/site-packages/flask/app.py", line 1213, in add_url_rule
    rule = self.url_rule_class(rule, methods=methods, **options)
TypeError: __init__() got an unexpected keyword argument 'method'
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✓ 에러를 파악해요

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    return f(self, *args, **kwargs)
  File "/Library/Frameworks/Python.framework/Versions/3.7/lib/python3.7/site-packages/flask/app.py", line 1213, in add_url_rule
    rule = self.url_rule_class(rule, methods=methods, **options)
TypeError: __init__() got an unexpected keyword argument 'method'
```

Error Type: TypeError (타입에러)

Error Message: `__init__()` got an unexpected keyword argument 'method'
(`__init__` 함수는 method argument를 받지 않아요)

Stack Trace: main.py의 16번라인 부근

앗! 야생의 에러가 나타났다!

✓ 에러를 해결해요

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/* elice */

02

야생의 에러는 강력했다!



02 야생의 에러는 강력했다!

✓ 에러가 발생했어요

```
File "C:\Users\...\AppData\Local\Programs\Python\Python39\Lib\site-packages\sqlalchemy\orm\session.py", line 601, in _assert_active
    raise sa_exc.PendingRollbackError(
sqlalchemy.exc.PendingRollbackError: This Session's transaction has been rolled back due to a previous exception during flush. To begin a new transaction with this Session, first issue Session.rollback(). Original exception was: (sqlite3.ProgrammingError) SQLite objects created in a thread can only be used in that same thread. The object was created in thread id 4644 and this is thread id 17680.
[SQL: INSERT INTO user (username, password, name, email) VALUES (?, ?, ?, ?)]
[parameters: [{'username': 'bori', 'email': 'bori@tea.io', 'name': 'tea', 'password': '1234'}]]
(Background on this error at: http://sqlalche.me/e/14/f405) (Background on this error at: http://sqlalche.me/e/14/7s2a)
```

/* elice */

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File "C:\Users\...\AppData\Local\Programs\Python\Python39\Lib\site-packages\sqlalchemy\orm\session.py", line 601, in _assert_active
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```

sqlite3.ProgrammingError SQLite objects created in thread can only be used in that same thread.

02 야생의 에러는 강력했다!

✓ 에러를 검색해요



sqlalchemy sqlite3.ProgrammingError SQLite objects created in thread

전체

뉴스

이미지

쇼핑

지도

더보기

도구

검색결과 약 7,650개 (0.48초)

도움말: 한국어 검색결과만 검색합니다. 환경설정에서 검색 언어를 지정할 수 있습니다.

https://stackoverflow.com › questions › programmer...

ProgrammingError: SQLite objects created in a thread can ...

2018. 1. 12. · 답변 6개

Your cursor 'c' is not created in the same thread; it was probably initialized when the Flask app was run. You probably want to generate ...

Using SQLAlchemy session from Flask raises "SQLite objects ...

2017년 4월 21일

sqlite3.ProgrammingError: SQLite objects created in a thread ...

2019년 9월 9일

ProgrammingError Thread error in SQLAlchemy - Stack Overflow

2013년 3월 2일

How to fix '(sqlite3.ProgrammingError) SQLite objects created ...

2019년 6월 17일

stackoverflow.com 검색결과 더보기

https://python-forum.io › thread-21985

sqlite objects in thread can only be used in the same thread

2019. 10. 23. — hi, I made a table showing user accounts in my app and i thought it would be a good thing to add an edit function to it so i can edit the ...

함께 검색한 항목

SQLite multi thread

Python sqlite multi thread

SQLAlchemy create_engine sqlite3

Sqlalchemy check_same_thread

Flask sqlite3 example

Flask SQLite

/* elice */

02 야생의 에러는 강력했다!

✓ 에러를 검색해요

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13

ProgrammingError: SQLite objects created in a thread can only be used in that same thread

Asked 3 years, 6 months ago Active 1 year, 3 months ago Viewed 76k times

i'm fairly new to programming. I've tried MySQL before, but now it's my first time using SQLite in a python flask website. So maybe I'm using MySQL syntax instead of SQLite, but I can't seem to find the problem.

Piece of my code:

```
@app.route('/register', methods=['GET', 'POST'])
def register():
    form = RegisterForm(request.form)
    if request.method=='POST' and form.validate():
        name = form.name.data
        email = form.email.data
        username = form.username.data
        password = sha256_crypt.encrypt(str(form.password.data))

        c.execute("INSERT INTO users(name,email,username,password)
VALUES(?,?,?,?)", (name, email, username, password))

        conn.commit

        conn.close()
```

The error:

File "C:\Users\app.py", line 59, in register c.execute("INSERT INTO users(name,email,username,password) VALUES(?,?,?,?)", (name, email, username, password))
ProgrammingError: SQLite objects created in a thread can only be used in that same thread.The object was created in thread id 23508 and this is thread id 22640

Does this mean I can't use the name, email username & password in an HTML file? How do I solve this?

Thank you.

The Overflow Blog

Getting started with... F

Podcast 358: Github Co

code for you. We put it

Featured on Meta

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community managers

Congratulations BalusC

million reputation!

Questions are durable

it's the answers that e

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Tags

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✓ 에러를 검색해요

▲
38
▼

```
engine = create_engine(  
    'sqlite:///restaurantmenu.db',  
    connect_args={'check_same_thread': False}  
)
```

🔄 Works for me

코드를 수정해요!



`/* elice */`

02 야생의 에러는 강력했다!

✓ 불안해 하지 마세요

같은 코드를 작성하는데 나만 안될 때

에러를 해결하는데 시간이 너무 오래걸려 초조할 때

에러가 발생했는데 도저히 검색을 해도 해결할 수 없을 때

아무도 나를 도와줄 사람이 없을 때

엘리스 트랙의 코치분들과 온라인의 개발자들이 도와줄거예요!

`/* elice */`

03

질문을 '잘' 하는 법



03 질문을 `잘` 하는법

✓ 질문을 잘 해야하는 이유

- 1.답변자가 질문자의 문제를 정확하고 빠르게 파악할 수 있다.
- 2.질문자의 문제를 정확하고 빠르게 답변받을 수 있다.

03 질문을 `잘` 하는법

✓ 질문하는 법의 핵심

1. 질문의 배경상황을 설명한다

1. flask 로 회원가입 api를 만들고 있는 중입니다.

2. 답변자가 질문을 정확하게 파악할 수 있도록 한다

1. sqlalchemy를 연결하는데에 AAA 라는 에러가 발생했어요.

2. 코드는 아래와 같고 stack trace를 봤을 때에는 이쪽이 문제인 것으로 추측돼요.

3. 해당 문제를 해결하기 위해 시도한 것들을 설명한다.

1. sqlalchemy를 main 함수에서 설정해봤을 때에 동일한 에러가 발생했어요.

2. 연결할 db 의 host 도 수정해보았는데요, 그랬을 때에는 host가 틀렸다고 안돼요.

03 질문을 `잘` 하는법

✔ `잘` 만들어진 질문

flask로 sqlalchemy를 붙여 회원가입 api를 만들고 있는 중입니다.

sqlalchemy를 연결하는데에 AAA라는 에러가 발생하고 있는 상황입니다.

<error type, message, stack trace>

코드는 아래와 같고 stacktrace를 봤을 때에는 10번 라인이 문제인 것으로 추측하고 있습니다.

<code>

해당 문제를 해결하기 위해 sqlalchemy 설정 위치를 main함수로 옮겨보았을 때 동일한 이슈가 발생하고,

db의 host를 수정해보았을 때에는 잘못된 host라고 다른 에러가 발생했습니다.

혹시 위와 같은 경우를 겪어보시거나 해결법을 아시는 분은 답변해주시면 감사하겠습니다!

/* elice */

03 질문을 `잘` 하는법

✓ 읽어보면 좋은 질문에 관한 글

<https://velog.io/@seongkyun/질문-잘하는-방법>

https://jbee.io/essay/good_questionor/

<https://kiwanjung.medium.com/개발자-커뮤니티에-질문-잘-하는-방법-18863f06a1b6>

03 질문을 `잘` 하는법

✓ 이런 개발자 커뮤니티들이 있어요

Python Korea

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생활코딩

<https://www.facebook.com/groups/codingeverybody>

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Credit

/* elice */

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