
Question

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Store Procedure Returning a ResultSet with Embedded Python

Hello,

I'm looking for a way to write a stored procedure or something to return a ResultSet with Embedded Python.

My goal is the following:

I have a Goal table with a Text field that is free text.

```
CREATE Table Goal (  
    Id int,  
    Text VARCHAR(5000)  
);
```

I would like to create a procedure that returns all the entities (in the iKnow sense) in a new Entity column.

Python code, i would like to use :

```
import iknowpy  
  
engine = iknowpy.iKnowEngine()  
  
# Row to parse  
text =  
'This is a test of the Python interface to the iKnow engine. another sentence to test  
  this program with.'  
engine.index(text, 'en')  
  
for s in engine.m_index['sentences']:  
    for e in s['entities']:  
        if e['type'] == 'Concept':  
            print(e['index']) # Should return one new row in the result set
```

Expected result :

```
Call My_Python_Procedure(Table);
```

```
Entity  
-----  
test  
python interface  
iknow engine  
sentence  
program
```

How do I go about it ?

[#Embedded Python](#) [#SQL](#) [#iKnow](#) [#InterSystems IRIS](#)

Product version: IRIS 2022.1

Source URL: <https://community.intersystems.com/post/store-procedure-returning-resultset-embedded-python>