# 任务描述

入库现货510050信息表

# 流程

## 步骤

读取pkl文件

建表

# 入库代码

## 读取pkl文件，并建表

文件20190321的数据坏掉了，将损坏后的数据跳过

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| 参见work/src/intodb\_pkl\_20190719/readdata.py |
| *#读取pkl文件,并建表* **import** os **import** pickle **import** re **from** operator **import** itemgetter **import** psycopg2 **import** datetime **import** random **import** time  *# md\_S510050* **def** handle\_file(filename:str,date:str):  *# if filename == r"\\168.36.1.170\share\archives\20190321\_S510050.pkl":  # return* print(filename)  **if** os.path.getsize(filename) == 0:  print(**"empty file"**,filename)  **return** objects = []  **with** (open(filename, **"rb"**)) **as** openfile:  **while True**:  **try**:  d = pickle.load(openfile)  **if** filename == **r"\\168.36.1.170\share\archives\20190321\_S510050.pkl" and** d == {**'KZ:S510050:EXCHTIME'**: **'142314761'**, **'KZ:S510050:LATEST'**: 27960, **'KZ:S510050:BA1'**: 1377500, **'KZ:S510050:BP1'**: 27960, **'KZ:S510050:SA1'**: 53900, **'KZ:S510050:SP1'**: 27970, **'ts'**: **'14:23:14'**}:  print(**"遇到坏文件了"**)  d[**'Date'**] = date  objects.append(d)  **return** objects  d[**'Date'**] = date  objects.append(d)  **except** EOFError:  **break  return** objects  path = **r"\\168.36.1.170\share\archives"** dirs = os.listdir(path) file\_type = **".pkl"** file\_list = list() **for** i **in** dirs:  **if** re.match(**r"20\*"**,i) **and** os.path.splitext(i)[1] == **'.pkl'**:  *# print(os.path.splitext(i)[0],os.path.splitext(i)[1])* date = os.path.splitext(i)[0][:8]  d = dict()  d[**"date"**] = date  d[**"file"**] = path + **"\\"** + os.path.splitext(i)[0] + os.path.splitext(i)[1]  file\_list.append(d)  conn = psycopg2.connect(database=**"postgres"**,user=**"postgres"**,password=**"..."**, host=**"192.168.40.129"**, port=**"5432"**) cur = conn.cursor() file\_list.sort(key=itemgetter(**'date'**),reverse = **False**) **for** i **in** range(len(file\_list)):  o = handle\_file(file\_list[i][**"file"**],file\_list[i][**"date"**])  *# print(o)* **if** o == **None**:  **continue  for** j **in** range(len(o)):  data = str(o[j]).replace(**"\'"**,**"\""**)  *# print(data)* cur.execute(**"insert into md\_S510050 values(\'"** + data + **"\');"**) *# print(file\_list)* conn.commit() conn.close() |