import getpass  
import logging  
import time  
from etl.core.util import uri\_post  
from etl.repo.pim\_pm.pl\_bbg\_batch import PlBbgBatchRepo  
from etl.repo.pim\_pm.pl\_bbg\_batch\_series\_vw import PlBbgBatchSeriesVwRepo  
from sqlalchemy import or  
  
BASE\_URL = 'http://ptp-dev/workshop/service/da/bbg\_transport/'  
  
  
class FetcherAgent:  
  
 def \_init\_\_(self):  
 logging.info('QueuerAgent')  
 self.USERNAME = getpass.getuser()  
  
 @staticmethod  
 def getrequests(repo):  
 model = repo.model  
 data = repo.query.filter(or\_(model.batch\_status\_code == 'SENT\_TO\_BT',model.batch\_status\_code == 'PENDING')).all()  
 return data  
  
 @staticmethod  
 def get\_request\_status\_by\_url():  
 response = uri\_get(obj.bt\_response\_file\_path)  
 return response  
  
   
 @staticmethod  
 def update\_request(batch\_id, bt\_request\_id, status\_code, repo):  
 model = repo.model  
 update\_row = repo.query.filter(model.bt\_request\_id == bt\_request\_id, model.batch\_id == batch\_id).all()  
 update\_row[0].batch\_status\_code = status\_code  
 repo.save(update\_row)  
  
 def run(self):  
 result = self.getrequests(PlBbgBatchRepo())  
 for i in result:  
 response = get\_request\_status\_by\_url(i)  
 self.update\_request(i.batch\_id, response['request\_id'], response['request\_status'], PlBbgBatchRepo())  
  
  
if \_name\_ == '\_\_main\_\_':  
 agent = FetcherAgent()  
 agent.run()