# 远程计算相关问题

## total函数的问题

### 集算器版本：

基于20230521版本

后面 你们那边团队反馈这个有bug ，没法马上进行更新 于是我们之间拉取你们的源码 用master进行重新打包

### spl脚本

|  |
| --- |
| ==now() =days@o(date("1995-03-15")) ="1995-03-15"/>mktsegment=c\_mktsegment.pos@b("BUILDING") =file("/data/soft/esProc/file/SPLTPCH1G/CUSTOMER.ctx").open().cursor@m(C\_CUSTKEY;).fetch().keys@im(C\_CUSTKEY) /=file("customer.ctx").open().cursor@m(C\_CUSTKEY;C\_MKTSEGMENT==mktsegment).fetch().keys@im(C\_CUSTKEY)=file("/data/soft/esProc/file/SPLTPCH1G/ORDERS.ctx").open().cursor@m(O\_ORDERKEY,O\_ORDERDATE,O\_SHIPPRIORITY;O\_ORDERDATE<B2 && A4.find(O\_CUSTKEY)) /=file("orders.ctx").open().cursor@m(O\_ORDERKEY,O\_ORDERDATE,O\_SHIPPRIORITY;O\_ORDERDATE<A2 && A4.find(O\_CUSTKEY))=file("/data/soft/esProc/file/SPLTPCH1G/LINEITEM.ctx").open().news@r(A5,O\_ORDERKEY,sum(L\_EXTENDEDPRICE\*(1-L\_DISCOUNT)):revenue,O\_ORDERDATE,O\_SHIPPRIORITY;L\_SHIPDATE>B2) =A6.total(A6.fetch().top(10;-revenue,O\_ORDERDATE)) /=A7.run(O\_ORDERDATE=O\_ORDERDATE) return A7 |

计算 tpch q3 对应sql语句

|  |
| --- |
| selectl\_orderkey,sum(l\_extendedprice\*(1-l\_discount)) as revenue, //潜在的收入，聚集操作o\_orderdate,o\_shippriorityfromcustomer, orders, lineitem //三表连接wherec\_mktsegment = '[SEGMENT]' //在TPC-H标准指定的范围内随机选择and c\_custkey = o\_custkeyand l\_orderkey = o\_orderkeyand o\_orderdate < date '[DATE]' //指定日期段，在在[1995-03-01, 1995-03-31]中随机选择and l\_shipdate > date '[DATE]'group by //分组操作l\_orderkey, //订单标识o\_orderdate, //订单日期o\_shippriority //运输优先级order by //排序操作revenue desc, //降序排序，把潜在最大收入列在前面o\_orderdate; |

本地计算有正常数据返回

远程计算报错：

|  |
| --- |
| aused by: com.scudata.common.RQException: Error in cell A7null at com.scudata.thread.Job.join(Job.java:31) at com.scudata.dm.cursor.MultipathCursors.groups(MultipathCursors.java:376) at com.scudata.dm.cursor.MultipathCursors.groups(MultipathCursors.java:476) at com.scudata.dm.cursor.ICursor.total(ICursor.java:1203) at com.scudata.expression.mfn.cursor.Total.calculate(Total.java:24) at com.scudata.expression.operator.DotOperator.calculate(DotOperator.java:86) at com.scudata.expression.Expression.calculate(Expression.java:160) at com.scudata.cellset.datamodel.PgmNormalCell.calculate(PgmNormalCell.java:159) at com.scudata.cellset.datamodel.PgmCellSet.runNext2(PgmCellSet.java:1949) at com.scudata.cellset.datamodel.PgmCellSet.execute(PgmCellSet.java:2623) at com.scudata.cellset.datamodel.PgmCellSet.calculateResult(PgmCellSet.java:2666) at com.scudata.app.common.AppUtil.execute(AppUtil.java:306) at com.esproc.jdbc.JDBCUtil.execute(JDBCUtil.java:169) at com.esproc.jdbc.JDBCUtil.execute(JDBCUtil.java:94) at com.scudata.server.unit.JdbcTask$1.run(JdbcTask.java:112)Caused by: java.lang.NullPointerException: null at com.scudata.dw.JoinCursor.loadBlock(JoinCursor.java:595) at com.scudata.dw.JoinCursor.getDataForNews(JoinCursor.java:2156) at com.scudata.dw.JoinCursor.getForNews(JoinCursor.java:1637) at com.scudata.dw.JoinCursor.get(JoinCursor.java:686) at com.scudata.dm.cursor.ICursor.fuzzyGet(ICursor.java:975) at com.scudata.dm.cursor.ICursor.fuzzyFetch(ICursor.java:276) at com.scudata.dm.op.GroupsResult.push(GroupsResult.java:443) at com.scudata.thread.GroupsJob.run(GroupsJob.java:78) at com.scudata.thread.ThreadPool$WorkThread.run(ThreadPool.java:57) |