
Question

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Measure all the row counts of every table in a Cache database

Hi, in the end I want a report like this:

Schem	TableName	RowCou nt
a		
SYSTE	RADpluseventlog	18,251,308
DocM	logimagestransfer	7,196,272
SYSTE	RADplusauditdatabasetables	3,345,757
M		
...		
SYSTE	viewsummarymvm	0
M		

In my case I have about 1,230 tables/views in the database. The initial approach I've used is to use this SQL to generate SQL to make the actual measures:

```
SELECT  
string('select ', tableschema, ' as "Schema", ', tablename, ' as TableName, COUNT(*) as RowCount from ',  
tableschema, '.', tablename, ' UNION ALL ') as TR FROM informationschema.tables
```

This generates SQL code like this:

```
select 'CPO' as "Schema", 'viewversion' as TableName, COUNT(*) as RowCount from CPO.viewversion UNION  
ALL  
select 'CWSDocM' as "Schema", 'categorydefinition' as TableName, COUNT(*) as RowCount from  
CWSDocM.categorydefinition UNION ALL  
select 'CWSDocM' as "Schema", 'documentarchive_log' as TableName, COUNT(*) as RowCount from  
CWSDocM.documentarchive_log UNION ALL
```

It works pretty good, but Cache appears to only support up to 128 commands strung together by UNION ALL. So I had to break up my SQL file into 10 separate files in which I executed and appended the results. Job done, but I'd like a more facile way to do this. My Cache Db is hosted by a third party, so I don't have many ways to interface with it other than an ODBC interface to WinSQL. Thanks for any ideas!

- Mark

[#Databases](#) [#SQL](#) [#Caché](#)

Product version: Caché 2017.1

\$ZV: 2017.2.2

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