

## libQL3 - Feature #1077

### New InputData representation: an in-memory database.

11/13/2013 05:11 PM - Andrea Zoli

<b>Status:</b>	New	<b>Start date:</b>	11/13/2013
<b>Priority:</b>	Low	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	0%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>			
<b>Description</b>			
With an in-memory database we can do complex query on the inputdata nearly real-time. The database better to be a zero-configuration one. The DAS database could not be used because it doesn't satisfy the realtime constraint.			
Sub-tasks:			
- We need a use case for this feature more complex then "select * from A where id == 0".			

### History

#### #1 - 11/13/2013 05:20 PM - Andrea Zoli

- File *sqlite3test.py* added

A solution like sqlite3 has been tested.

sqlite3 execution limits:

SQLITE\_MAX\_COLUMN(Maximum Number Of Columns) 2000

SQLITE\_MAX\_VARIABLE\_NUMBER(Maximum Number Of Host Parameters In A Single SQL Statement) 999

Test results:

Insert of 2000\*500 rows and 1 column: Time Taken: 4.686 sec

Insert of 500 rows and 999 columns: Time Taken: 0.102 sec

Attached the script used for testing.

TODO:

- Additional infinidB or mongoDB proposed by Luciano Nicastro need to be tested.

#### #2 - 12/17/2013 09:37 AM - Andrea Zoli

- Priority changed from Normal to Low

It's a long road.. not a major priority.

### Files

sqlite3test.py	1.25 KB	11/13/2013	Andrea Zoli
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