

Database - Feature #1667

improve support for "FOR EACH FIRST" and similar cases

10/22/2012 12:50 AM - Eric Faulhaber

Status:	New	Start date:	
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:		Estimated time:	120.00 hours
Target version:	Performance and Scalability Improvements	vendor_id:	GCD
billable:	No		
Description			

History

#1 - 10/22/2012 12:55 AM - Eric Faulhaber

Currently, instances of looping queries like FOR EACH...FIRST... are converted to CompoundQuery. This works logically, but it is an inefficient implementation. We need a smarter conversion (and runtime support), which recognizes that only a single record is being found within the inner loop/join. The idea is that we convert to a smarter, set-based query that still is adaptive (i.e., can shift between preselect and dynamic mode). This will require some serious consideration and design work.

Note that this is purely an optimization; the current form of conversion will work, but it could stand to be less ugly and more efficient.

#2 - 10/31/2012 04:00 PM - Greg Shah

- Target version set to Milestone 7

#3 - 10/31/2012 04:00 PM - Greg Shah

- Target version changed from Milestone 7 to Milestone 17

#4 - 11/16/2016 12:30 PM - Greg Shah

- Target version changed from Milestone 17 to Performance and Scalability Improvements