Database - Support #6712

check generated dynamic temp-table caching to ensure that all cache keys work when generating hits

08/25/2022 12:09 PM - Greg Shah

Status:	New	**Start date:**	
Priority:	Normal	**Due date:**	
Assignee:		**% Done:**	0%
Category:		**Estimated time:**	0.00 hour
Target version:			
billable:	No	**case_num:**	
vendor_id:	GCD	**version:**	

Description

History

#1 - 08/25/2022 12:12 PM - Greg Shah

Recently, Eric found a flaw in our cache key implementation which resulted in the cache entry not being properly found in lookups. He fixed this bug but we need to followup and ensure this flaw doesn't exist for other use cases.

#2 - 08/25/2022 12:15 PM - Eric Faulhaber

Greg Shah wrote:

> Recently, Eric found a flaw in our cache key implementation which resulted in the cache entry not being properly found in lookups. He fixed this bug but we need to followup and ensure this flaw doesn't exist for other use cases.

Correction: I discovered it; it is not yet fixed. It is in shared code that is used in many code paths, so it needs some deeper analysis.

#3 - 11/09/2022 03:13 AM - Eric Faulhaber

IIRC, the problem was that we rely on P2JField.computeHash, and the name field can vary, depending on the call path within TempTableBuilder to the P2JField c'tor.

I came upon this defect accidentally while debugging a different problem. I think I was seeing P2JField.name vary for what should have been the structurally same field created two different ways (possibly one way simply added the field, and the other added the field LIKE another field).