Base Language - Bug #12093

Fix in-memory buffer state when a multi-statement transaction rollbacks.

10/28/2026 10:32 AM - Teodor Gorghe

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

Description

History

#1 - 10/28/2026 10:48 AM - Teodor Gorghe

Testcase:

```
/* A failed ASSIGN inside a transaction is undone: every field gets back its value from before the statement.
*/
define temp-table tt1 field k as integer field f1 as character index ik is unique primary k.

create tt1. tt1.k = 1. release tt1.                       /* the key the ASSIGN below duplicates */
create tt1. assign tt1.k = 9 tt1.f1 = "orig". release tt1.

do transaction:
   find tt1 where tt1.k = 9 exclusive-lock.
   assign tt1.f1 = "1" tt1.f1 = "2" tt1.k = 1 no-error.  /* error 132 when the ASSIGN ends */
   message "error" error-status:get-number(1) "f1" tt1.f1 "k" tt1.k.
end.

find tt1 where tt1.k = 9 no-lock no-error.
message "committed: found" available(tt1) "f1" (if available tt1 then tt1.f1 else "-").
```

	Inside the transaction	Committed
OE	error 132 f1 orig k 9	found yes f1 orig
trunk	error 132 f1 2 k 1	found yes f1 2

#3 - 10/28/2026 10:51 AM - Teodor Gorghe

That is a deferred task from #11995 since there is more work to do from previous code review, for example, making sure the implementation works great on this case, buffer-copy, fast copy, records came from session cache, incomplete records, etc.

#4 - 10/28/2026 11:22 AM - Teodor Gorghe

Created task branch **12093a** and committed revision **16819**:

- Multi-statement assign rollback work from #11995.