Base Language - Bug #4462

NOW with comparison operators

12/10/2019 06:38 PM - Constantin Asofiei

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

#2 - 12/10/2019 06:49 PM - Constantin Asofiei

- Start date deleted (12/10/2019)

There is a bug in FWD, where a comparison like dt > NOW (where dt is datetime) fails with Incompatible data types in expression or assignment. (223) error. This is allowed in 4GL, but only if NOW is a standalone operand, not part of an expression. I have a pending fix for this (which will be in 3809e), where I just emit datetime.now() instead of datetimetz.now(), for this case.

Another variation is h::f-dt > NOW - 1 (where f-dt is datetime) - here, even if NOW is part of an expression, the comparison is successful in 4GL. In FWD, we would need to emit this as a dynamic compare operator, which will allow the datetime and datetime-tz (to which NOW is converted implicitly in FWD) to be comparable. I haven't seen this in the customer apps I've been working, so I'm postponing this part.

#3 - 12/11/2019 04:50 PM - Constantin Asofiei

The fix is in 3809e rev 11435 . The dereference problem (actually any POLY operand) is still postponed.