

Database - Bug #2718

implicit conversion of empty string to integer 0

09/15/2015 11:10 AM - Ovidiu Maxiniuc

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

History

#1 - 09/15/2015 11:26 AM - Ovidiu Maxiniuc

Investigations on a failing customer testcase revealed new difference between static and dynamic queries.

The following static code:

```
DEFINE TEMP-TABLE tt001
  FIELD int-field AS INTEGER.
CREATE tt001.
FIND FIRST tt001 WHERE tt001.int-field EQ "".
```

is invalid and the attempt to run this query gives error 223: Incompatible data types in expression or assignment.

Replacing the static query with

```
DEFINE VARIABLE tth AS HANDLE NO-UNDO.
tth = BUFFER tt001:HANDLE.
tth:FIND-FIRST('WHERE tt001.int-field EQ "").
MESSAGE tth::int-field.
```

will print 0 in the message area, without any complaint. Initializing the int-field after record is created to anything than 0 (including ? - unknown value), will result in following error messages to be printed:

```
** FIND FIRST/LAST failed for table tt001. (565)
** No tt001 record is available. (91)
```

as a proof that the FIND-FIRST is indeed looking for 0 value.