

TECHNICAL BULLETIN FROM GLOBAL BUSINESS SYSTEMS

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ODBC & JDBC Access to the Price Fields in the STOCK and PO databases

The precise format of some apparently normal computation fields in the DBSTOCK and DBPO databases are qualified by related fields in the same database. As a result, special attention must be paid to these fields when accessed via ODBC or JDBC drivers. For example, when the fields are extracted using an ODBC Reporting Tool or accessed by Java code within a OneOffice-3000 Dashboard Part.

The following fields in the DBSTOCK database must be treated specially:

Speedbase Record	Speedbase Field	Table name	Column name
DBSTOCK:OI	OIUPRI	Sales_Order_Lines_ST	Unit_Price
DBSTOCK:OP	OPPR01	Price_List_Dets_ST	Price_1
DBSTOCK:OP	OPPR02	Price_List_Dets_ST	Price_2
DBSTOCK:OP	OPPR03	Price_List_Dets_ST	Price_3
DBSTOCK:OP	OPPR04	Price_List_Dets_ST	Price_4
DBSTOCK:OP	OPPR05	Price_List_Dets_ST	Price_5
DBSTOCK:OP	OPPR06	Price_List_Dets_ST	Price_6
DBSTOCK:OP	OPPR07	Price_List_Dets_ST	Price_7
DBSTOCK:OP	OPPR08	Price_List_Dets_ST	Price_8
DBSTOCK:OP	OPPR09	Price_List_Dets_ST	Price_9
DBSTOCK:OP	OPPR010	Price_List_Dets_ST	Price_10
DBSTOCK:OP	OPPR11	Price_List_Dets_ST	Price_11
DBSTOCK:OP	OPPR12	Price_List_Dets_ST	Price_12

The numeric value in the above fields may need to be adjusted depending on the value of the following field:

Speedbase Record	Speedbase Field	Table name	Column name
DBSTOCK:SG	SGPLFF	Product_Groups_ST	Field_Formatting

The “Adjustment Algorithm” is as follows:

Value of SGPLFF a.k.a. Product_Groups_ST. Field_Formatting	Adjustment to OIUPRI, OPPR01 etc.
0	Field formatting value is invalid. The database is corrupt.
1	Field formatting value is invalid. The database is corrupt.
2	None required.
3	Divide value by 10.
4	Divide value by 100.
5	Divide value by 1000.
6	Divide value by 10000.
> 6	Field formatting value is invalid. The database is corrupt.

A similar problem occurs with this field in the DBPO database:

Speedbase Record	Speedbase Field	Table name	Column name
DBPO:PI	PICOST	Order_Lines_PO	Item_Cost

In this case, the adjustment algorithm is more complex. Please contact Global Support if you are attempting to access Order_Lines_PO.Item_Cost via ODBC or JDBC drivers.