

DBMaker/DBMaster FAQ Document

Question:

How to get indexed column name of table from SQL by VB6.0 OR 2005 with ADODB connection? (DBMR2040)

Answer:

The SQL cannot get indexed column name directly, it should parse multi-SQL to get. First, get num_column, reserve3 from system.sysindex, second, from above result then match in column_name of system.syscolumn. we can write a store procedure by ec to realize the above process.

We can get database metadata of indexed column by the ADO function of openSchema via SQLStatistics.

It should be noticed that OleDb of DBMaker5.1 can support this method. For DBMaker4.3 version, you should modify the Provider value to "MSDASQL" and data source value to "dbsample4";

Usage as following:

DBMaker4.x

```
Dim conStr As String

Set conn = New ADODB.Connection

conStr = "Provider=MSDASQL; data source=dbsample4; user id=sysadm; password=;"

conn.Open conStr

'Set rs = conn.OpenSchema(adSchemaIndexes, Array(Empty, "scheme_name", Empty, Empty, "table_name"))

While Not rs.EOF

    Debug.Print rs!COLUMN_NAME

    rs.MoveNext

Wend
```

DBMaker/DBMaster FAQ Document

DBMaker5.x

```
Dim conStr As String

Set conn = New ADODB.Connection

conStr = "Provider=dmole51; data source=dbsample5; user id=sysadm; password=; "

conn.Open conStr

Set rs = conn.OpenSchema(adSchemaIndexes, Array(Empty, Empty, Empty, Empty, "CARD"))

While Not rs.EOF

Debug.Print rs!COLUMN_NAME

rs.MoveNext

Wend
```

Version: DBMaker 5.x, DBMaker 4.3

Product: Normal

Platform: all windows