

RE: How can I tell if a field in a table is a primary field or not

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 - *Date:* Thu, 25 May 2006 04:41:01 -0700
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For Access I do not have.

U can give you the SQL queries for getting the primary keys for SQL Server, Oracle , DB2s and Postgre.

If you have problems creating the VB code for the queries I will try to do it.

"Mark" wrote:

Do you have a way (Code samples) of doing this using ADO from inside VB6? I using an MS-Access database to test the routines.

--

Mark

"MrSmersh" wrote:

You need to find information about constraints. Primary keys are constraints.

OleDb to my knowledge does not provide them (for any database).

You theoretically have in the INFORMATION SCHEMA views this information

(INFORMATION_SCHEMA.CONSTRAINT_COLUMN_USAGE,INFORMATION_SCHEMA.TAI

When I did it I ve gone to the catalog tables of each database since the

INFORMATION SCHEMA was a bit different or not filled on the some of the

databases.

"Mark" wrote:

I m developing an application that will allow the user to connect to any database using OLE DB.

After the user connects to the database the application

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provides a list of tables for the selected database. After selecting a table, the user will get a list of the fields contained in that table. The field list shows the field name and its data type. Here is the code that shows the field names and data types.

```
Private Sub List_Fields_In_Table(cnnDB As  
ADODB.Connection, strTable As  
String)
```

```
Dim fld As ADODB.Field
```

```
Set rstSchema = New ADODB.Recordset  
strSQL = "SELECT " & strTable & ".* FROM " & strTable  
& ";"  
rstSchema.Open strTable, cnnDB, , , adCmdTable  
' Enumerate the Fields collection of the strtable  
For Each fld In rstSchema.Fields  
Debug.Print "Field Name: " & fld.Name & "Data Type: " &  
fld.Type  
Next fld
```

```
End Sub
```

My problem is: Why isn't there a property or method telling me if the field is a primary or secondary key?

```
Example: Debug.Print Field Name:  & fld.Name &  
Primary Key:  &  
fld.PrimaryKey  
Field Name: lngCustomerID Primary Key: True  
Field Name: lngRelationshipID Primary Key: False
```

Thank you,

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Mark