| 接続先 | 接続文字列 |
| --- | --- |
| Access 2007以降 | Access 2007 – 2010 Provider = Microsoft.ACE.OLEDB.12.0; Data Source = ファイルパス Access 2013 Provider = Microsoft.ACE.OLEDB.15.0; Data Source = ファイルパス Access 2016 – 2021 Provider = Microsoft.ACE.OLEDB.16.0; Data Source = ファイルパス |
| ORACLE(OLE DB) | Oracle Clientのインストールが必要 tnsnames.oraを使用する場合 Provider=OraOLEDB.Oracle;Data Source=ネットサービス名;User Id=ユーザID;Password=パスワード |
| ORACLE(OLE DB) | Oracle Clientのインストールが必要 接続情報を直接記述する場合 Provider=OraOLEDB.Oracle;Data Source=(DESCRIPTION=(ADDRESS=(PROTOCOL=TCP)(HOST=サーバ名)(PORT=ポート番号))(CONNECT\_DATA=(SERVICE\_NAME=サービス名)(SERVICE\_NAME=XE)));User ID=ユーザID;  Password=パスワード |

Using Excel VBA ADOx, write VBA program to conduct the following Microsoft Access process. Please device that there is no error with regards to variable definition and the object definition. Please use Microsoft.ACE.OLEDB.16.0 as its object library with error handler.

1- Open a blank Access database as its destination database.

2-Open the other Access database with source data in the different folder in the background.

3-the blank Access database establish the connection to the Access database with source data in different folder.

4-write SQL to extract the data from a designated table of thw source Access database.

5-Add a new table with a different table name from the blank Access database.

6- Extract the data from the source Access database with the SQL.

7-Imports the extracted data with the SQL from the source Access database to the destination Access database with a new table name. Please do not list each data field in the line code.

8-Add sequential number from 1 to the end of the record size on the left hand side of the table on destimation Access database.

9-Export the imported table as a new csv file with the specific name, without using DoCmd function and SQL. Ensure the data field name should be in the first line of the file. And please do not list each data field in the line code.

10-Close the connection and the source Access database.

11-Close the connection and destination Access database.

12-Pop up the message the the transaction as ended.

In addition, the defined variable should be placed at the beginning of the program.

ChatGPT

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Certainly! Below is a VBA program that uses ADOX to perform the steps you described while ensuring proper error handling. This code assumes you're using the Microsoft.ACE.OLEDB.16.0 provider. Please make sure to replace file paths, table names, and other placeholders with your specific details.

vba

Copy code

Sub TransferData()

On Error GoTo ErrorHandler

' Define variables

Dim sourceDBPath As String

Dim destDBPath As String

Dim destTableName As String

Dim csvFilePath As String

Dim sourceConn As Object

Dim destConn As Object

Dim strSQL As String

Dim i As Long

' Set file paths and table names

sourceDBPath = "C:\Path\To\Source\Database.accdb"

destDBPath = "C:\Path\To\Destination\BlankDatabase.accdb"

destTableName = "NewTable"

csvFilePath = "C:\Path\To\Destination\YourFile.csv"

' 1- Open a blank Access database as its destination database

Set destConn = CreateObject("ADODB.Connection")

destConn.Open "Provider=Microsoft.ACE.OLEDB.16.0;Data Source=" & destDBPath

' 2- Open the other Access database with source data in a different folder in the background

Set sourceConn = CreateObject("ADODB.Connection")

sourceConn.Open "Provider=Microsoft.ACE.OLEDB.16.0;Data Source=" & sourceDBPath

' 3- The blank Access database establishes the connection to the Access database with source data in a different folder

Set sourceConn = CreateObject("ADODB.Connection")

sourceConn.Open "Provider=Microsoft.ACE.OLEDB.16.0;Data Source=" & sourceDBPath

' 4- Write SQL to extract the data from a designated table of the source Access database

strSQL = "SELECT \* FROM YourSourceTable"

' 5- Add a new table with a different table name in the blank Access database

strSQL = "SELECT \* INTO " & destTableName & " FROM YourSourceTable"

destConn.Execute strSQL

' 6- Extract the data from the source Access database with the SQL

Set sourceConn = CreateObject("ADODB.Connection")

sourceConn.Open "Provider=Microsoft.ACE.OLEDB.16.0;Data Source=" & sourceDBPath

' 7- Import the extracted data with the SQL from the source Access database to the destination Access database with a new table name

strSQL = "SELECT \* INTO " & destTableName & " FROM YourSourceTable"

destConn.Execute strSQL

' 8- Add sequential number from 1 to the end of the record size on the left-hand side of the table in the destination Access database

strSQL = "ALTER TABLE " & destTableName & " ADD COLUMN ID AUTOINCREMENT PRIMARY KEY"

destConn.Execute strSQL

' 9- Export the imported table as a new CSV file with the specific name

Dim rs As Object

Set rs = CreateObject("ADODB.Recordset")

rs.Open "SELECT \* FROM " & destTableName, destConn

Open csvFilePath For Output As #1

' Write field names as the first line

For i = 1 To rs.Fields.Count

Print #1, rs.Fields(i - 1).Name;

Next i

Print #1, "" ' Move to the next line for data

Do Until rs.EOF

For i = 1 To rs.Fields.Count

Print #1, rs.Fields(i - 1).Value;

Next i

Print #1, ""

rs.MoveNext

Loop

Close #1

' 10- Close the connection and the source Access database

sourceConn.Close

' 11- Close the connection and destination Access database

destConn.Close

' 12- Pop up the message that the transaction has ended

MsgBox "The transaction has ended."

Exit Sub

ErrorHandler:

MsgBox "An error has occurred: " & Err.Description

End Sub

This code should fulfill the steps you outlined and includes error handling using the On Error GoTo statement. Please adjust the file paths, table names, and other specifics to match your actual setup.

Using Excel VBA ADOx, write VBA program to conduct the following Microsoft Access process. Please device that there is no error with regards to variable definition and the object definition. Please use Microsoft.ACE.OLEDB.16.0 as its object library with error handler.

1- Open a blank Access database as its destination database.

2-Open the other Access database with source data in the different folder in the background.

3-the blank Access database establish the connection to the Access database with source data in different folder.

4-write SQL to extract the data from a designated table of thw source Access database.

5-Add a new table with a different table name from the blank Access database.

6- Extract the data from the source Access database with the SQL.

7-Imports the extracted data with the SQL from the source Access database to the destination Access database with a new table name. Please do not list each data field in the line code.

8-Add sequential number from 1 to the end of the record size on the left hand side of the table on destimation Access database.

9-Export the imported table as a new csv file with the specific name, without using DoCmd function and SQL. Ensure the data field name should be in the first line of the file. And please do not list each data field in the line code.

10-Close the connection and the source Access database.

11-Close the connection and destination Access database.

12-Pop up the message the the transaction as ended.

In addition, the defined variable should be placed at the beginning of the program.

ChatGPT

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Certainly, I can provide you with a VBA program using ADOx to conduct the specified Microsoft Access process. Please note that I've used the Microsoft.ACE.OLEDB.16.0 provider and have included error handling in the code.

vba

Copy code

Sub TransferData()

On Error GoTo ErrorHandler

Dim sourceDBPath As String

Dim destDBPath As String

Dim destTableName As String

Dim csvFilePath As String

Dim sourceConn As Object

Dim destConn As Object

Dim strSQL As String

Dim i As Long

' Define variables

sourceDBPath = "C:\Path\To\Source\Database.accdb"

destDBPath = "C:\Path\To\Destination\BlankDatabase.accdb"

destTableName = "NewTableName"

csvFilePath = "C:\Path\To\Save\YourFile.csv"

' 1- Open a blank Access database as its destination database

Set destConn = CreateObject("ADODB.Connection")

destConn.Open "Provider=Microsoft.ACE.OLEDB.16.0;Data Source=" & destDBPath

' 2- Open the other Access database with source data in the different folder in the background

Set sourceConn = CreateObject("ADODB.Connection")

sourceConn.Open "Provider=Microsoft.ACE.OLEDB.16.0;Data Source=" & sourceDBPath

' 3- The blank Access database establishes the connection to the Access database with source data in a different folder

Set destConn = CreateObject("ADODB.Connection")

destConn.Open "Provider=Microsoft.ACE.OLEDB.16.0;Data Source=" & destDBPath

' 4- Write SQL to extract the data from a designated table of the source Access database

strSQL = "SELECT \* FROM YourSourceTable"

' 5- Add a new table with a different table name from the blank Access database

strSQL = "SELECT \* INTO " & destTableName & " FROM YourSourceTable"

destConn.Execute strSQL

' 6- Extract the data from the source Access database with the SQL

Set sourceConn = CreateObject("ADODB.Connection")

sourceConn.Open "Provider=Microsoft.ACE.OLEDB.16.0;Data Source=" & sourceDBPath

Set sourceRS = CreateObject("ADODB.Recordset")

sourceRS.Open strSQL, sourceConn

' 7- Imports the extracted data with the SQL from the source Access database to the destination Access database with a new table name

destConn.Execute strSQL

' 8- Add sequential number from 1 to the end of the record size on the left-hand side of the table in the destination Access database

strSQL = "ALTER TABLE " & destTableName & " ADD COLUMN ID AUTOINCREMENT PRIMARY KEY"

destConn.Execute strSQL

' 9- Export the imported table as a new CSV file with the specific name

Dim fs As Object

Set fs = CreateObject("Scripting.FileSystemObject")

Dim ts As Object

Set ts = fs.CreateTextFile(csvFilePath, True)

' Write field names as the first line of the CSV file

For Each fld In sourceRS.Fields

ts.Write fld.Name & ","

Next fld

ts.WriteLine

' Write data to the CSV file

Do Until sourceRS.EOF

For Each fld In sourceRS.Fields

ts.Write fld.Value & ","

Next fld

ts.WriteLine

sourceRS.MoveNext

Loop

' Close the CSV file

ts.Close

' 10- Close the connection and the source Access database

sourceRS.Close

sourceConn.Close

' 11- Close the connection and destination Access database

destConn.Close

' 12- Pop up the message that the transaction has ended

MsgBox "The transaction has ended."

Exit Sub

ErrorHandler:

MsgBox "An error has occurred: " & Err.Description

End Sub

Please replace the file paths, table names, and other placeholders with your actual database details and file paths before running the code.

Using Excel VBA ADOx, write VBA program to conduct the following Microsoft Access process. Please device that there is no error with regards to variable definition and the object definition. Please use Microsoft.ACE.OLEDB.16.0 as its object library with error handler.

1- Open a blank Access database as its destination database.

2-Open the other Access database with source data in the different folder in the background.

3-the blank Access database establish the connection to the Access database with source data in different folder.

4-write SQL to extract the data from a designated table of thw source Access database.

5-Add a new table with a different table name from the blank Access database.

6- Extract the data from the source Access database with the SQL.

7-Imports the extracted data with the SQL from the source Access database to the destination Access database with a new table name. Please do not list each data field in the line code.

8-Add sequential number from 1 to the end of the record size on the left hand side of the table on destimation Access database.

9-Export the imported table as a new csv file with the specific name, without using DoCmd function and SQL. Ensure the data field name should be in the first line of the file. And please do not list each data field in the line code.

10-Close the connection and the source Access database.

11-Close the connection and destination Access database.

12-Pop up the message the the transaction as ended.

In addition, the defined variable should be placed at the beginning of the program.

ChatGPT

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Certainly! Here's a VBA program using Excel VBA ADOx to perform the Microsoft Access process you described. Please make sure to adjust the file paths, table names, and other specific details to match your requirements.

vba

Copy code

Sub TransferData()

On Error GoTo ErrorHandler

Dim sourceDBPath As String

Dim destDBPath As String

Dim destTableName As String

Dim csvFilePath As String

Dim sourceConn As Object

Dim destConn As Object

Dim sourceRS As Object

Dim destRS As Object

Dim strSQL As String

Dim i As Long

' Define variables

sourceDBPath = "C:\Path\To\Source\Database.accdb"

destDBPath = "C:\Path\To\Destination\BlankDatabase.accdb"

destTableName = "NewTable"

csvFilePath = "C:\Path\To\Destination\YourFile.csv"

' 1- Open a blank Access database as its destination database

Set destConn = CreateObject("ADODB.Connection")

destConn.Open "Provider=Microsoft.ACE.OLEDB.16.0;Data Source=" & destDBPath

' 2- Open the other Access database with source data in a different folder in the background

Set sourceConn = CreateObject("ADODB.Connection")

sourceConn.Open "Provider=Microsoft.ACE.OLEDB.16.0;Data Source=" & sourceDBPath

' 3- The blank Access database establishes the connection to the Access database with source data in a different folder

Set sourceRS = CreateObject("ADODB.Recordset")

sourceRS.Open "SELECT \* FROM YourSourceTable", sourceConn

' 4- Write SQL to extract the data from a designated table of the source Access database

strSQL = "SELECT \* FROM YourSourceTable"

' 5- Add a new table with a different table name from the blank Access database

destConn.Execute "CREATE TABLE " & destTableName & " (ID AUTOINCREMENT PRIMARY KEY)"

' 6- Extract the data from the source Access database with the SQL

Set sourceRS = CreateObject("ADODB.Recordset")

sourceRS.Open strSQL, sourceConn

' 7- Imports the extracted data with the SQL from the source Access database to the destination Access database with a new table name

Set destRS = CreateObject("ADODB.Recordset")

destRS.Open "SELECT \* FROM " & destTableName, destConn, 2, 2 ' adOpenKeyset, adLockPessimistic

' Add sequential number from 1 to the end of the record size on the left-hand side of the table on the destination Access database

i = 1

Do Until sourceRS.EOF

destRS.AddNew

destRS.Fields(1).Value = i

For j = 1 To sourceRS.Fields.Count

destRS.Fields(j + 1).Value = sourceRS.Fields(j - 1).Value

Next j

destRS.Update

sourceRS.MoveNext

i = i + 1

Loop

' 9- Export the imported table as a new CSV file with the specific name and field names in the first line

Open csvFilePath For Output As #1

' Write field names as the first line

For Each Field In destRS.Fields

Print #1, Field.Name;

Next Field

Print #1, ""

' Write data

Do Until destRS.EOF

For Each Field In destRS.Fields

Print #1, Field.Value;

Next Field

Print #1, ""

destRS.MoveNext

Loop

Close #1

' 10- Close the connection and the source Access database

sourceRS.Close

sourceConn.Close

' 11- Close the connection and destination Access database

destRS.Close

destConn.Close

' 12- Pop up the message that the transaction has ended

MsgBox "The transaction has ended."

Exit Sub

ErrorHandler:

MsgBox "An error has occurred: " & Err.Description

End Sub