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1  Attribute VB_Name = "modImportData"
2  Option Explicit
3
4  Sub ImportMovies()
5
6      'Start the timer
7      Dim timer As New clsTimer
8      timer.start
9
10     'Delete all cells, but the headers in the destination worksheet
11     shImpMovies.Range("A1").CurrentRegion.Offset(1, 0).Clear
12
13     'Source workbook (closed Excel file) - MUST BE IN THE SAME DIRECTORY
14     Dim sourceWorkbook As String
15     sourceWorkbook = ThisWorkbook.Path & Application.PathSeparator & _
16         "Movies.xlsx"
17
18     'ADODB connection
19     Dim connStr As ADODB.Connection
20     Set connStr = New ADODB.Connection
21
22     'Connection String specific to EXCEL
23     connStr.ConnectionString = _
24         "Provider = Microsoft.ACE.OLEDB.12.0;" & _
25         "Data Source = " & sourceWorkbook & ";" & _
26         "Extended Properties = 'Excel 12.0 Xml; HDR = YES';"
27
28     connStr.Open
29
30     'Recordset
31     Dim recSet As ADODB.Recordset
32     Set recSet = New ADODB.Recordset
33
34     recSet.ActiveConnection = connStr
35     recSet.Source = "SELECT * FROM [Sheet1$]"
36
37     recSet.Open
38
39     'Copy to destination workbook (actual) into the 'sheet1' worksheet
40     shImpMovies.Range("A2").CopyFromRecordset recSet
41     shImpMovies.Range("A1").CurrentRegion.EntireColumn.AutoFit
42
43     'Close resource
44     recSet.Close
45     connStr.Close
46
47     'Print elapsed time
48     timer.PrintTime " to import Movies (1,200 rows, 14 columns)"
49     Debug.Print
50
51 End Sub
52
53 Sub GetDataFromMoviesSelectedRows()
54
55     'Start the timer
56     Dim timer As New clsTimer
57     timer.start
58
59     'Delete all cells, but the headers in the destination worksheet
60     shImpMoviesFilter.Range("A1").CurrentRegion.Offset(1, 0).Clear
61
62     'Source workbook (closed Excel file) - MUST BE IN THE SAME DIRECTORY
63     Dim sourceWorkbook As String
64     sourceWorkbook = ThisWorkbook.Path & Application.PathSeparator & _
65         "Movies.xlsx"
66
67     'ADODB connection

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68 Dim connStr As ADODB.Connection
69 Set connStr = New ADODB.Connection
70
71 'Connection String specific to EXCEL
72 connStr.ConnectionString = _
73     "Provider = Microsoft.ACE.OLEDB.12.0;" & _
74     "Data Source = " & sourceWorkbook & ";" & _
75     "Extended Properties = 'Excel 12.0 Xml; HDR = YES';"
76
77 connStr.Open
78
79 'Recordset
80 Dim recSet As ADODB.Recordset
81 Set recSet = New ADODB.Recordset
82
83 recSet.ActiveConnection = connStr
84 recSet.Source = "SELECT * FROM [Sheet1$] WHERE [Oscar Wins] >= 5 " & _
85     "ORDER BY [Oscar Wins] Desc"
86
87 recSet.Open
88
89 'Copy to destination workbook (actual) into the 'sheet1' worksheet
90 shImpMoviesFilter.Range("A2").CopyFromRecordset recSet
91
92 shImpMoviesFilter.Range("A1").CurrentRegion.EntireColumn.AutoFit
93
94 'Close resource
95 recSet.Close
96 connStr.Close
97
98 'Print elapsed time
99 timer.PrintTime " to import/filter Movies (1,200 rows, 14 columns)"
100 Debug.Print
101
102 End Sub
103
104 Sub GetDataFromTop2000()
105
106     'Start the timer
107     Dim timer As New clsTimer
108     timer.start
109
110     'Delete all cells, but the headers in the destination worksheet
111     shTop2000.Range("A1").CurrentRegion.Offset(1, 0).Clear
112
113     'Source workbook (closed Excel file) - MUST BE IN THE SAME DIRECTORY
114     Dim sourceWorkbook, sourceWorksheet As String
115     sourceWorkbook = ThisWorkbook.Path & Application.PathSeparator & _
116         "Top_2000_companies.xlsx"
117     sourceWorksheet = "Top2000"
118
119     'ADODB connection
120     Dim connStr As ADODB.Connection
121     Set connStr = New ADODB.Connection
122
123     'Connection String specific to EXCEL
124     connStr.ConnectionString = _
125         "Provider = Microsoft.ACE.OLEDB.12.0;" & _
126         "Data Source = " & sourceWorkbook & ";" & _
127         "Extended Properties = 'Excel 12.0 Xml; HDR = YES';"
128
129     connStr.Open
130
131     'Recordset
132     Dim recSet As ADODB.Recordset
133     Set recSet = New ADODB.Recordset
134

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135     recSet.ActiveConnection = connStr
136     recSet.Source = "SELECT * FROM [" & sourceWorksheet & "$]"
137
138     recSet.Open
139
140     'Copy to destination workbook (actual) into the 'Top2000' worksheet
141     shTop2000.Range("A2").CopyFromRecordset recSet
142
143     shTop2000.Range("A1").CurrentRegion.EntireColumn.AutoFit
144
145     'Close resource
146     recSet.Close
147     connStr.Close
148
149     'Print elapsed time
150     timer.PrintTime " to import Top2000 (2,000 rows, 3 columns)"
151     Debug.Print
152
153 End Sub
154
155
156
```