



Code Listing-Exporting Data from Access to Excel Part 4: Formatting

Posted on September 13, 2015 by raylharvey



Code listing for video:
[Exporting Data from Access to Excel Part 4: Formatting](#)

```
2 On Error GoTo SubError
3
4 Dim xlApp As Excel.Application
5 Dim xlBook As Excel.Workbook
6 Dim xlSheet As Excel.Worksheet
7 Dim SQL As String
8 Dim rs1 As DAO.Recordset
9 Dim i As Integer
10
11 'Show user work is being performed
12 DoCmd.Hourglass (True)
13
14 '*****
15 '          RETRIEVE DATA
16 '*****
17 'SQL statement to retrieve data from database
18 SQL = "SELECT PartNo, PartName, Price, SalePrice, " & _
19 "(Price - SalePrice) / Price AS Discount " & _
20 "FROM Parts " & _
21 "ORDER BY PartNo "
22
23 'Execute query and populate recordset
24 Set rs1 = CurrentDb.OpenRecordset(SQL, dbOpenSnapshot)
25
26 'If no data, don't bother opening Excel, just quit
27 If rs1.RecordCount = 0 Then
28     MsgBox "No data selected for export", vbInformation + vbOKOnly, "No data exported"
29     GoTo SubExit
30 End If
31
32 '*****
33 '          BUILD SPREADSHEET
34 '*****
35 'Create an instance of Excel and start building a spreadsheet
36
37 'Early Binding
38 Set xlApp = Excel.Application
39
40 xlApp.Visible = False
41 Set xlBook = xlApp.Workbooks.Add
42 Set xlSheet = xlBook.Worksheets(1)
43
44 With xlSheet
45     .Name = "Discount"
46     .Cells.Font.Name = "Calibri"
47     .Cells.Font.Size = 11
48
```

```
49 'Set column widths
50 .Columns("A").ColumnWidth = 13
51 .Columns("B").ColumnWidth = 25
52 .Columns("C").ColumnWidth = 10
53 .Columns("D").ColumnWidth = 10
54 .Columns("E").ColumnWidth = 2
55 .Columns("F").ColumnWidth = 10
56
57 'Format columns
```

```
61 .Columns("F").NumberFormat = "#,##0.0#%,-#,##0.0#%"
62
63 'build report heading
64 .Range("A1", "F1").Merge
65 .Range("A2", "F2").Merge
66 .Range("A1").HorizontalAlignment = xlCenter
67 .Range("A2").HorizontalAlignment = xlCenter
68 .Range("A1").Cells.Font.Bold = True
69 .Range("A2").Cells.Font.Bold = True
70 .Range("A1").Cells.Font.Name = "Cambria"
71 .Range("A2").Cells.Font.Name = "Cambria"
72 .Range("A1").Cells.Font.Size = 14
73 .Range("A2").Cells.Font.Size = 12
74
75 .Range("A1").Value = "Discount Listing"
76 .Range("A2").Value = Date
77
78 'build column headings
79 .Range("A4").Value = "Part Number"
80 .Range("B4").Value = "Part Name"
81 .Range("C4").Value = "Price"
82 .Range("D4").Value = "Sale Price"
83 .Range("F4").Value = "Discount"
84
85 'Format Column Headings
86 .Range("A4:F4").HorizontalAlignment = xlCenter
87 .Range("A4:F4").Cells.Font.Bold = True
88
89 'provide initial value to row counter
90 i = 5
91 'Loop through recordset and copy data from recordset to sheet
92 Do While Not rs1.EOF
93
94     .Range("A" & i).Value = Nz(rs1!PartNo, "")
95     .Range("B" & i).Value = Nz(rs1!PartName, "")
96     .Range("C" & i).Value = Nz(rs1!Price, 0)
97     .Range("D" & i).Value = Nz(rs1!SalePrice, 0)
98     .Range("F" & i).Value = Nz(rs1!Discount, 0)
99
100     i = i + 1
101     rs1.MoveNext
102
103 Loop
104
105 i = i + 2
106 'Create footnote just for fun
107 .Range("A" & i, "F" & i).Merge
108 .Range("A" & i).Value = "* Caveat Emptor! Discounts can change at any time!"
109 .Range("A" & i).Cells.Font.Size = 10
110 .Range("A" & i).Characters(30, 10).Font.Bold = True
111 .Range("A" & i).Characters(30, 10).Font.Italic = True
112 .Range("A" & i).Characters(30, 10).Font.Color = vbRed
113
114 End With
115
116
117 SubExit:
118 On Error Resume Next
119
120 DoCmd.Hourglass False
121 xlApp.Visible = True
122 rs1.Close
123 Set rs1 = Nothing
124
125 Exit Sub
126
127 SubError:
128 MsgBox "Error Number: " & Err.Number & "= " & Err.Description, vbCritical + vbOKOnly
129 "An error occurred"
130 GoTo SubExit
131
132 End Sub
```



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