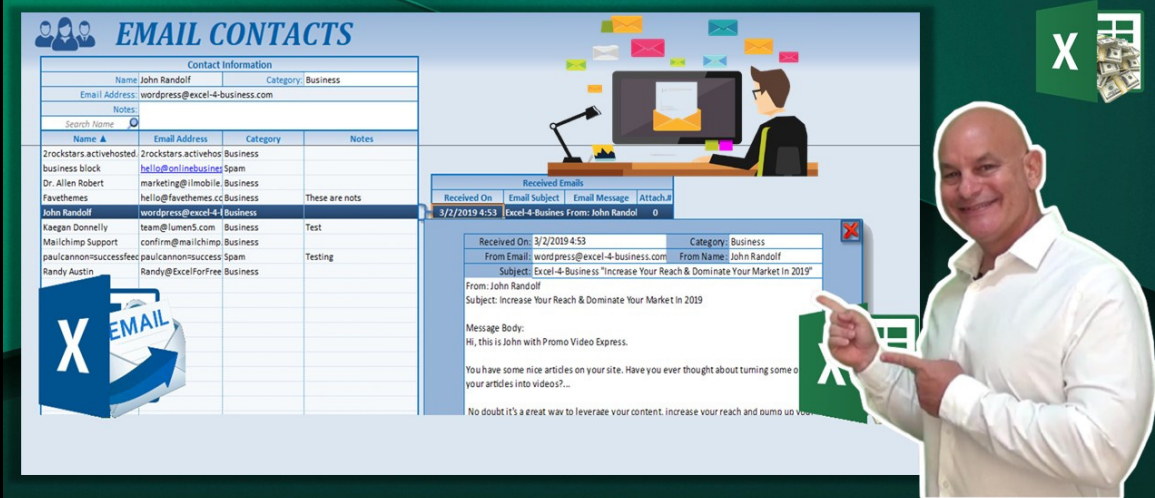


VBA SOURCE CODE BOOK

EMAIL MANAGER PT. 4



Name	Email Address	Category	Notes
Zrockstars activehosted	zrockstars.activehosted@business	Business	
business block	business.block@spam	Spam	
Dr. Allen Robert	marketing@lmobile.business	Business	
Favethemes	hello@favethemes.cc.business	Business	
John Randolf	wordpress@excel-4-business.com	Business	These are nots
Keagan Donnelly	keagan@lumen5.com	Business	Test
Mailchimp Support	confirm@mailchimp.business	Business	
Paul Cannon's Success Fee	successfee@paulcannon.com	Business	Testing
Randy Austin	Randy@ExcelForFree.com	Business	



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by: *Randy Austin*

ABOUT THE AUTHOR

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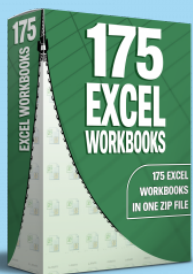
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Option Explicit

```
1  
2  
3  
4 Private Sub Worksheet_Change(ByVal Target As Range)  
5     If Not Intersect(Target, Range("D15" )) Is Nothing And Range("B5" ).Value = False Then  
6         Range("B3" ).Value = Range("D15" ).Value  
7     End If  
8     If Not Intersect(Target, Range("D15:J15" )) Is Nothing And Range("B5" ).Value = False Then  
9         EmailFilter  
10    If Not Intersect(Target, Range("E15" )) Is Nothing Then Target.Hyperlinks.Delete  
11 End Sub
```

```
12 Private Sub Worksheet_SelectionChange(ByVal Target As Range)  
13     If Not Intersect(Target, Range("D16:J99999" )) Is Nothing And Range("D" & Target.Row).  
14     Value <> Empty Then  
15         Range("B2" ).Value = Target.Row  
16         Email_Load  
17     End If  
18     If Not Intersect(Target, Range("L4:N9999" )) Is Nothing And Range("O" & Target.Row).Value  
19     <> Empty Then  
20         Range("B7" ).Value = Target.Row  
21         If Range("B6" ).Value = True Then PreviewAttach  
22     End If  
23 End Sub
```

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Option Explicit

```
Private Sub Worksheet_Change(ByVal Target As Range)
    If Target.CountLarge > 1 Then Exit Sub
    If Not Intersect(Target, Range("B3:B999999" )) Is Nothing And Range("B" & Target.Row).
    Value <> Empty Then
        Dim ContEmail As String
        Dim ContRow As Long
        Dim ContEmailRng As Range
        Dim FoundContEmailRng As Range
        ContEmail = Target.Value
        On Error Resume Next
        Set ContEmailRng = Sheet4.Range("Contacts_Email" )
        Set FoundContEmailRng = ContEmailRng.Find(ContEmail, , xlValues, xlWhole)
        On Error GoTo 0
        If FoundContEmailRng Is Nothing Then 'Not Found, Add To Contacts
            ContRow = Sheet4.Range("D999999" ).End(xlUp).Row + 1
            If ContRow < 8 Then ContRow = 8
            Sheet4.Range("D" & ContRow).Value = Range("C" & Target.Row).Value 'Contact Name
            Sheet4.Range("E" & ContRow).Value = Range("B" & Target.Row).Value 'Contact Email
            Sheet4.Range("F" & ContRow).Value = Sheet4.Range("DefaultCategory" ).Value
            'Default Category
        End If
    End If
End Sub
```

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1 Option Explicit

2

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```
1 Option Explicit
```

```
2
3 Private Sub Worksheet_Change(ByVal Target As Range)
```

```
4
5     If Not Intersect(Target, Range("G3,E5" )) Is Nothing And Range("B4" ).Value = False And
6     Range("B3" ).Value <> Empty Then
```

```
7         If Not Intersect(Target, Range("G3" )) Is Nothing Then Range("F" & Range("B3" ).Value)
8         .Value = Target.Value 'Update Category
```

```
9         If Not Intersect(Target, Range("E5" )) Is Nothing Then Range("G" & Range("B3" ).Value)
10        .Value = Target.Value 'Update Notes
```

```
11    End If
```

```
12    If Not Intersect(Target, Range("D6" )) Is Nothing And Range("D6" ).Value <> "Search Name"
13    Then
```

```
14        Dim KeyCode As Integer
```

```
15        If Target.Value <> Empty And Range("B5" ).Value <> Empty Then
```

```
16            ActiveWindow.ScrollRow = Range("B5" ).Value
```

```
17        Else:
```

```
18            Target.Value = "Search Name"
```

```
19            ActiveWindow.ScrollRow = 8
```

```
20        End If
```

```
21        Application.OnKey "{ENTER}" , "NextCell"
```

```
22    End
```

```
23    End If
```

```
24 End Sub
```

```
25 Private Sub Worksheet_SelectionChange(ByVal Target As Range)
```

```
26     If Target.CountLarge > 1 Then Exit Sub
```

```
27     'Range("B7").Value = False
```

```
28     If Not Intersect(Target, Range("S4:S45" )) Is Nothing And Range("R" & Target.Row).Value <
29     > Empty Then
```

```
30         Dim SelRow As Long
```

```
31         SelRow = Target.Row
```

```
32         Range("S4:S45" ).ClearContents
```

```
33         Range("S" & SelRow).Value = "ü"
```

```
34     End If
```

```
35     'On Selection of Contacts, Load Contact
```

```
36     If Not Intersect(Target, Range("D8:G9999" )) Is Nothing And Range("D" & Target.Row).Value
37     <> Empty Then
```

```
38         Shapes("EmailPictureGrp" ).Visible = msoFalse
```

```
39         Range("B3" ).Value = Target.Row
```

```
40         Range("B6" ).ClearContents
```

```
41         Contact_Load
```

```
42     End If
```

```
43     'On Selection Of Contact Emails
```

```
44     If Not Intersect(Target, Range("I8:L9999" )) Is Nothing And Range("I" & Target.Row).Value
45     <> Empty And Target.Row >= Range("B3" ).Value Then
```

```
46         Range("B6" ).Value = Target.Row
```

```
47         EmailPicture_Load
```

```
48     End If
```

```
49     'On Selection of header, sort by header
```

```
50     If Not Intersect(Target, Range("D7:G7" )) Is Nothing Then Contacts_SortByName
```

```
51 End Sub
```

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```
1 Option Explicit
2 Sub ResetCalc()
3     With Application
4         .EnableEvents = True
5         .Calculation = xlCalculationAutomatic
6         .ScreenUpdating = True
7     End With
8 End Sub
9
10
11 Sub StopCalc()
12     With Application
13         .EnableEvents = False
14         .Calculation = xlCalculationManual
15         .ScreenUpdating = False
16     End With
17 End Sub
```

A

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```

1 Option Explicit
2 Dim ContRow As Long
3
4
5 Sub Contact_AttachLoad()
6     Dim LastAttachRow As Long
7     Dim LastAttachResultsRow
8     Sheet3.Range("M3:T99999").ClearContents 'Clear Previous Attachements Criteria & Results
9     Sheet3.Range("M3").Value = Sheet4.Range("E" & ContRow).Value 'Email
10    LastAttachRow = Sheet3.Range("A999999").End(xlUp).Row
11    Sheet3.Range("A2:F" & LastAttachRow).AdvancedFilter xlFilterCopy, CriteriaRange:=Sheet3.
12    Range("M2:M3"), CopyToRange:=Sheet3.Range("Q2:T2"), Unique:=False
13    LastAttachResultsRow = Sheet3.Range("Q99999").End(xlUp).Row
14    If LastAttachResultsRow < 3 Then GoTo NoAttachData
15    With Sheet4
16        .Range("N" & ContRow - 2 & ":P" & ContRow - 1).Value = .Range("AttachHeader").Value
17        'Set Recieved Header
18        .Range("N" & ContRow - 2 & ":P" & ContRow - 1).HorizontalAlignment =
19        xlCenterAcrossSelection
20        .Range("N" & ContRow & ":Q" & LastAttachResultsRow - 3 + ContRow).Value = Sheet3.
21        Range("Q3:T" & LastAttachResultsRow).Value 'Add Emails
22        .Range("N" & ContRow & ":Q" & LastAttachResultsRow - 3 + ContRow).WrapText = False
23        .Range("N" & ContRow & ":N" & LastAttachResultsRow - 3 + ContRow).HorizontalAlignment
24        = xlLeft
25    NoAttachData:
26    End With
27 End Sub
28
29 Sub Contact_EmailLoad()
30     Dim LastEmailRow As Long
31     Dim LastEmailResultsRow As Long
32     Sheet2.Range("AA3:BA99999").ClearContents 'Clear Previous Email Criteria & Results
33     Sheet2.Range("AC3").Value = Sheet4.Range("E" & ContRow).Value 'Email
34     LastEmailRow = Sheet2.Range("A999999").End(xlUp).Row
35     Sheet2.Range("A2:H" & LastEmailRow).AdvancedFilter xlFilterCopy, CriteriaRange:=Sheet2.
36     Range("AC2:AC3"), CopyToRange:=Sheet2.Range("AX2:BA2"), Unique:=False
37     LastEmailResultsRow = Sheet2.Range("AX99999").End(xlUp).Row
38     If LastEmailResultsRow < 3 Then GoTo NoEmailData
39     With Sheet4
40         .Range("I6:Q99999").ClearContents 'Clear previous Emails & Attachments
41         .Range("I" & ContRow - 2 & ":L" & ContRow - 1).Value = .Range("RecEmailHeader").
42         Value 'Set Recieved Header
43         .Range("I" & ContRow - 2 & ":L" & ContRow - 1).HorizontalAlignment =
44         xlCenterAcrossSelection
45         .Range("I" & ContRow & ":L" & LastEmailResultsRow - 3 + ContRow).Value = Sheet2.Range
46         ("AX3:BA" & LastEmailResultsRow).Value 'Add Emails
47         .Range("I" & ContRow & ":L" & LastEmailResultsRow - 3 + ContRow).WrapText = False
48         .Range("I" & ContRow & ":I" & LastEmailResultsRow - 3 + ContRow).HorizontalAlignment
49         = xlCenter
50         .Range("J" & ContRow & ":K" & LastEmailResultsRow - 3 + ContRow).HorizontalAlignment
51         = xlLeft
52         With .Shapes("EmailBrace")
53             .Visible = msoCTrue
54             .Left = Sheet4.Range("H" & ContRow).Left
55             .Top = Sheet4.Range("H" & ContRow).Top
56         End With
57     End With
58     NoEmailData:
59 End Sub
60 Sub Contact_Load()
61     With Sheet4

```

```
1 2
51 If .Range("B3" ).Value = Empty Then Exit Sub
52 StopCalc
53 .Range("B4" ).Value = True 'Set Contact Load to True
54 ContRow = .Range("B3" ).Value 'Contact Row
55 .Range("E3" ).Value = .Range("D" & ContRow).Value 'Contact Name
56 .Range("E4" ).Value = .Range("E" & ContRow).Value 'Email
57 .Range("G3" ).Value = .Range("F" & ContRow).Value 'Category
58 .Range("E5" ).Value = .Range("G" & ContRow).Value 'Notes
59
60 Contact_EmailLoad 'Load Contact Emails
61 Contact_AttachLoad 'Load Contact Attachments
62
63 .Range("B4" ).Value = False 'Set Contact Load to False
64 End With
65 ResetCalc
66 End Sub
67
68 Sub EmailPicture_Hide()
69 Sheet4.Shapes("EmailPictureGrp" ).Visible = msoFalse
70 End Sub
71
72 Sub EmailPicture_Load()
73 Dim SelRow As Long
74 With Sheet4
75 SelRow = ActiveCell.Row
76 With .Shapes("EmailPictureGrp" )
77 .Visible = msoCTrue
78 .Left = Sheet4.Range("I" & SelRow + 1).Left
79 .Top = Sheet4.Range("I" & SelRow + 1).Top
80 End With
81 End With
82 End Sub
```

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```
1 Option Explicit
2
3 Sub Contacts_SortByName()
4     Dim ActCol As Long
5     Dim LastCustRow As Long
6     Dim HeadCol As Long
7     Dim ActHeader As String
8     Dim SortType As String
9     With Sheet4
10        StopCalc
11        ActHeader = ActiveCell.Value 'Determine Active Header Value for sorting
12        LastCustRow = .Range("D99999" ).End(xlUp).Row 'Get the last Row of the displayed
        table
13        .Sort.SortFields.Clear 'Clear any previous sorts on the table.
14        If InStr(ActHeader, ChrW(&H25B2)) <> 0 Then SortType = "Desc" 'Check if the current
        active header contains the Up Pointing Triangle, then set Sort Type to Descending
15        If InStr(ActHeader, ChrW(&H25BC)) <> 0 Then SortType = "Asc" 'Check if the current
        active header contains the Down Pointing Triangle, then set Sort Type to Ascending
16        .Range("D7:G7" ).Value = .Range("CustHeader" ).Value 'Remove all up/down triangles in
        header
17        'Run Sorting
18        If SortType = "Desc" Then 'If the sort type is Descending
19            .Sort.SortFields.Add Key:=.Cells(7, ActiveCell.Column), SortOn:=xlSortOnValues,
                Order:=xlDescending, DataOption:=xlSortNormal 'Set Sort Parameters for Descending
                Sort
20            ActiveCell.Value = ActiveCell.Value & " " & ChrW(&H25BC) 'Add in Desceding
                Character (Down Pointing Triangle)
21        Else: 'Sort type is Ascending or nothing
22            .Sort.SortFields.Add Key:=.Cells(7, ActiveCell.Column), SortOn:=xlSortOnValues,
                Order:=xlAscending, DataOption:=xlSortNormal 'Set Sort Parameters for Ascending
                Sort
23            ActiveCell.Value = ActiveCell.Value & " " & ChrW(&H25B2) 'Add in Ascending
                Character (Up Pointing Triangle)
24        End If 'End of Setting Sort Parameters
25        With .Sort '
26            .SetRange Range("D8:G" & LastCustRow) 'Set Sort Range
27            .Apply 'Run Sort
28        End With 'End if With Sort
29        .Range("B3" ).ClearContents 'Clear Selected Row on Sort
30        .Range("E3" ).Select 'Select E3 in order to unselect Range
31    End With 'End With Reports Sheet
32    ResetCalc 'Run Macro to Restart Calculation & Screen Updating
33 End Sub
34
35
36 Sub NextCell()
37     On Error Resume Next
38     Sheet4.Range("E3" ).Select
39 End Sub
```

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```

1  Option Explicit
2
3  Sub EmailAttach_ClosePopUp()
4      Dim GrpHeight As Long
5      With Sheet1.Shapes("FileTypesGrp" )
6          .Visible = msoCTrue
7          For GrpHeight = 165 To 1 Step -20
8              Application.Wait Now + 0.000000001
9              .Height = GrpHeight
10             Next GrpHeight
11             .Visible = msoFalse
12         End With
13     End Sub
14
15
16
17
18  Sub EmailAttach_OpenPopUp()
19      Dim GrpHeight As Long
20      With Sheet1.Shapes("FileTypesGrp" )
21          .Visible = msoCTrue
22          For GrpHeight = 1 To 165 Step 20
23              Application.Wait Now + 0.000000001
24              .Height = GrpHeight
25          Next GrpHeight
26      End With
27  End Sub
28
29
30  Sub PreviewAttach()
31      Dim FileName As String
32      Dim FileExt As String
33      Dim FileType As String
34      Dim ActRow As Long
35      StopCalc
36      With Sheet1
37          ActRow = ActiveCell.Row
38          FileExt = .Range("M" & ActRow).Value
39          FileName = .Range("O" & ActRow).Value
40          Select Case FileExt
41              Case "pdf"
42                  FileType = "PDF"
43              Case "xlsx" , "xls" , "xlsm" , "xlsb"
44                  FileType = "Excel"
45              Case "docx" , "doc" , "docm" , "dotx" , "dot" , "txt"
46                  FileType = "Word"
47              Case "jpg" , "png" , "jpeg" , "gif" , "bmp"
48                  FileType = "Picture"
49          End Select
50
51
52          On Error Resume Next
53          .Shapes("PreviewFile" ).Delete 'Clear Any Previous Shape Preview (if any)
54          On Error GoTo 0
55          'On Word, Excel or PDF Section
56          If FileType = "PDF" Or FileType = "Excel" Or FileType = "Word" Then
57              On Error Resume Next
58              .OLEObjects.Add(FileName:=FileName, Link:=False, DisplayAsIcon:=False).Name =
59              "PreviewFile"
60              On Error GoTo 0
61              If FileType = "Excel" Then Workbooks(Dir(FileName)).Close SaveChanges:=False

```

1 2 3

```
61      1 2 3      If FileType = "Excel" Then Workbooks(2).Close SaveChanges:=False
62      End If
63      'On Picture Selection
64      If FileType = "Picture" Then
65          .Pictures.Insert(FileName).Name = "PreviewFile"
66          With .Shapes("PreviewFile" )
67              If .Width > .Height Then .Width = 200 Else: .Height = 300
68          End With
69      End If
70      On Error Resume Next 'in case of issue displaying attachment
71      With .Shapes("PreviewFile" )
72          .Left = Sheet1.Range("O4" ).Left + 15
73          .Top = Sheet1.Range("O4" ).Top + 10
74          .IncrementLeft 10
75          .IncrementTop 10
76      End With
77      On Error GoTo 0
78      ResetCalc
79      End With
80      End Sub
```

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```
1 Option Explicit
2
3 Sub DateFilter_Equals()
4 Sheet1.Range("B4" ).Value = "="
5 DateFilter_ResetShapes
6 Sheet1.Shapes("FiltEquals" ).ShapeStyle = msoShapeStylePreset37
7 If Sheet1.Range("B3" ).Value <> Empty Then EmailFilter
8 End Sub
9 Sub DateFilter_GreaterThan()
10 Sheet1.Range("B4" ).Value = ">"
11 DateFilter_ResetShapes
12 Sheet1.Shapes("FiltGreaterThan" ).ShapeStyle = msoShapeStylePreset37
13 If Sheet1.Range("B3" ).Value <> Empty Then EmailFilter
14 End Sub
15 Sub DateFilter_LessThan()
16 Sheet1.Range("B4" ).Value = "<"
17 DateFilter_ResetShapes
18 Sheet1.Shapes("FiltLessThan" ).ShapeStyle = msoShapeStylePreset37
19 If Sheet1.Range("B3" ).Value <> Empty Then EmailFilter
20 End Sub
21
22 Sub DateFilter_ResetShapes()
23 Sheet1.Shapes("FiltEquals" ).ShapeStyle = msoShapeStylePreset23
24 Sheet1.Shapes("FiltLessThan" ).ShapeStyle = msoShapeStylePreset23
25 Sheet1.Shapes("FiltGreaterThan" ).ShapeStyle = msoShapeStylePreset23
26 End Sub
27
28 Sub EmailFilter()
29 Dim LastEmailRow As Long
30 Dim LastResultsRow As Long
31 Dim FiltRange As Range
32 Dim EmailCol As Long
33 StopCalc
34 With Sheet2
35 .Range("AC3:AI3" ).ClearContents 'Clear Old Criteria, but not date formats
36 .Range("A03:AV999999" ).ClearContents 'Clear Old Results
37 Sheet1.Range("D16:J999999" ).ClearContents
38 'Set Filters
39 If Sheet1.Range("B3" ).Value = Empty Then
40 Set FiltRange = .Range("AC2:AH3" )
41 Else:
42 Set FiltRange = .Range("AA2:AH3" )
43 End If
44
45 For EmailCol = 5 To 10
46 If InStr(Sheet1.Cells(15, EmailCol).Value, "Enter" ) < 1 Then .Cells(3, EmailCol +
47 24).Value = Sheet1.Cells(15, EmailCol).Value
48 Next EmailCol
49 LastEmailRow = .Range("A999999" ).End(xlUp).Row 'Last Email Row
50 If LastEmailRow < 3 Then GoTo NoData
51 .Range("A2:H" & LastEmailRow).AdvancedFilter xlFilterCopy, CriteriaRange:=FiltRange,
52 CopyToRange:=.Range("A02:AV2" ), Unique:=True
53 LastResultsRow = .Range("A0999999" ).End(xlUp).Row 'Last Results Row
54 If LastResultsRow < 3 Then GoTo NoData
55 .Range("A03:AU" & LastResultsRow).Copy
56 Sheet1.Range("D16:J" & LastResultsRow + 13).PasteSpecial xlPasteValues
57 Sheet1.Range("D16:J" & LastResultsRow + 13).WrapText = False
58 Application.CutCopyMode = False
59 NoData:
60 End With
```

1

```
60 | 1 ResetCalc  
61 | End Sub
```

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```

1  Option Explicit
2
3  Sub BrowseMainAttachmentFolder()
4      With Application.FileDialog(msoFileDialogFolderPicker)
5          .Title = "Select A Main Attachment Folder"
6          If .Show <> -1 Then GoTo NoSelection
7          Sheet1.Range("P3" ).Value = .SelectedItems(1)
8      End With
9      NoSelection:
10 End Sub
11 Sub Email_Load()
12     Dim EmailRow As Long
13     Dim EmailCol As Long
14     With Sheet1
15         StopCalc
16         EmailRow = .Range("B2" ).Value 'Email Row
17         For EmailCol = 4 To 9
18             .Range(.Cells(13, EmailCol).Value).Value = .Cells(EmailRow, EmailCol).Value 'Email
19             Fields
20         Next EmailCol
21     End With
22     Email_LoadAttach
23     ResetCalc
24 End Sub
25 Sub Email_LoadAttach()
26     Dim LastAttachRow As Long
27     Dim LastResultRow As Long
28     With Sheet1
29         .Range("L4:O9999" ).ClearContents 'Clear out Any old attachments
30         On Error Resume Next
31         .Shapes("PreviewFile" ).Delete 'Clear Any Previous Shape Preview (if any)
32         On Error GoTo 0
33         Sheet3.Range("M3:T9999" ).ClearContents 'Clear Old Criteria and results
34         Sheet3.Range("M3" ).Value = .Range("E3" ).Value 'From Email
35         'Sheet3.Range("N3").value = .Range("E2").value 'Recieved On
36         LastAttachRow = Sheet3.Range("A9999" ).End(xlUp).Row 'Last AttachRow
37         Sheet3.Range("A2:F" & LastAttachRow).AdvancedFilter xlFilterCopy, CriteriaRange:=
38         Sheet3.Range("M2:N3" ), CopyToRange:=Sheet3.Range("Q2:T2" ), Unique:=True
39         LastResultRow = Sheet3.Range("Q9999" ).End(xlUp).Row
40         If LastResultRow < 3 Then GoTo NoAttach
41         Sheet1.Range("L4:O" & LastResultRow + 1).Value = Sheet3.Range("Q3:T" & LastResultRow)
42         .Value 'Copy Over Attachments
43     End With
44 End Sub
45 Sub Email_Refresh()
46     Dim LastEmailRow As Long
47     StopCalc
48     With Sheet1
49         .Range("B5" ).Value = True 'Set Filter Clear to True
50         .Range("B3,D16:J9999" ).ClearContents
51         LastEmailRow = Sheet2.Range("A9999" ).End(xlUp).Row
52         If LastEmailRow < 3 Then GoTo NoData
53         Sheet2.Range("A3:G" & LastEmailRow).Copy
54         .Range("D16:J" & LastEmailRow + 13).PasteSpecial xlPasteValues
55         .Range("D16:J" & LastEmailRow + 13).WrapText = False
56         .Range("D15:J15" ).Value = .Range("DefaultText" ).Value
57         .Range("D" & .Range("B2" ).Value).Select
58         .Range("B5" ).Value = False 'Set Filter Clear to False
59     End With

```

```
1
59 Application.CutCopyMode = False
60 NoData:
61 ResetCalc
62 End Sub
63
64
65 Sub RemoveHTML()
66 Dim EmailText As String
67 Dim StartChar As Long
68 Dim EndChar As Long
69 EmailText = Sheet1.Range("D5" ).Value
70
71 Do While InStr(EmailText, "<" ) <> 0
72 StartChar = InStr(EmailText, "<" ) - 1
73 EndChar = InStr(EmailText, ">" ) + 1
74 On Error GoTo ReplaceDone
75 Sheet1.Range("D5" ).Value = Replace(EmailText, Mid(EmailText, StartChar, EndChar -
76 StartChar), "" )
77 EmailText = Sheet1.Range("D5" ).Value
78 Loop
79 Sheet1.Range("D5" ).Value = Application.WorksheetFunction.Trim(Sheet1.Range("D5" ).Value)
80 ReplaceDone:
81 End Sub
82
```

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Thank You!

This source code was created and made available to help you gain a better understanding of how VBA is used to create amazing Excel-based applications.

Thank you so much for your continued shares, likes and support. It really helps.



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