**File: Auto\_Query\_Host\_r7E**

**Module 7**

Sub Remove\_Non\_Existing\_Values\_To\_Query()

'After pressing the Auto Query Host button, pressing this button will remove any rows that have a value that does not exist on host.

'disable features to optimize macro for speed

Call disableFeaturesForMacroOptimization

'declare vars-----------------------

Dim index As Integer

Dim finished As Boolean

Dim analysisValue As String

'end of declare vars----------------

'initialize vars--------------------

index = 5 'start at the first value to query row

finished = False

analysisValue = ""

'end of initialize vars-------------

'while loop to remove non existing values------------

Do While (finished = False)

'load cell value into analysisValue

With Worksheets("AutoQuery").Range("B" & CStr(index))

analysisValue = Trim(.Value)

End With

'check to see if row is empty, if so, exit loop

If (StrComp(vbNullString, analysisValue) = 0) Then

finished = True

Exit Do

'if not empty, then check to see if exists on host is false, if so delete row

ElseIf (StrComp("False", analysisValue) = 0) Then

'delete the row

Worksheets("AutoQuery").Rows(index).Delete

'decrement index to make sure to read the correct line after deleting

index = index - 1

Else

'if true, do not remove the row, do nothing

End If 'end of if analysisValue is the Null String

'increment index

index = index + 1

Loop 'end of while loop

'end of while loop to remove non existing values-----

're-enable features once macro is finished

Call enableFeaturesAfterOptimizedMacroIsDone

End Sub 'end of remove non exosting value to query

Sub Remove\_Existing\_Values\_To\_Query()

'disable features to optimize macro for speed

Call disableFeaturesForMacroOptimization

'declare vars-----------------------

Dim index As Integer

Dim finished As Boolean

Dim analysisValue As String

'end of declare vars----------------

'initialize vars--------------------

index = 5 'start at the first value to query row

finished = False

analysisValue = ""

'end of initialize vars-------------

'while loop to remove existing values------------

Do While (finished = False)

'load cell value into analysisValue

With Worksheets("AutoQuery").Range("B" & CStr(index))

analysisValue = Trim(.Value)

End With

'check to see if row is empty, if so, exit loop

If (StrComp(vbNullString, analysisValue) = 0) Then

finished = True

Exit Do

'if not empty, then check to see if exists on host is true, if so delete row

ElseIf (StrComp("True", analysisValue) = 0) Then

'delete the row

Worksheets("AutoQuery").Rows(index).Delete

'decrement index to make sure to read the correct line after deleting

index = index - 1

Else

'if false, do not remove the row, do nothing

End If 'end of if analysisValue is the Null String

'increment index

index = index + 1

Loop 'end of while loop

'end of while loop to remove existing values-----

're-enable features once macro is finished

Call enableFeaturesAfterOptimizedMacroIsDone

End Sub 'end of remove existing values to query